WHO'S THE BOSS? Century-old bosses and grotesques inhabit the corners and crannies of the Danforth Campus' Gothic edifices. Their enchanting visages reward the sharp-eyed passer-by who looks up, pp. 22–27.

FEATURES

12  CREATING PATHS OF OPPORTUNITY
Washington University enhances its efforts to make higher education affordable and accessible for the nation's top students.

22  IF THESE HALLS COULD TALK
The Danforth Campus' mythical stone-carved creatures reveal their curious — and sometimes disquieting — secret histories.

28  THE LONGEVITY REVOLUTION
Researchers across the university are discovering how to help people to lead long, healthy and productive lives — but is society ready for their breakthroughs?

34  ALUMNI AUTHORS STACK UP
Washington University alumni authors survey the range of human experience, both real and imagined.

On the COVER:

Long committed to increasing the diversity of its student body, Washington University is building new infrastructure and capabilities to meet the challenges of making higher education more accessible and affordable, pp. 12–21. (Illustration by Mike Austen)
This pyramid of prose by Washington University alumni authors offers something for everyone, pp. 34–41.
HIGH-DESIGN BIRD BLIND

Students and faculty of the Sam Fox School of Design & Visual Arts created an avian observatory located near the confluence of the Missouri and Mississippi rivers. The area is an important habitat for trumpeter swans, great blue herons, bald eagles, gulls, geese, pelicans and other wildlife that, each spring and fall, migrate along the Mississippi flyway. Working in collaboration with the Audubon Center at Riverlands and the U.S. Army Corps of Engineers’ Rivers Project Office, more than two dozen architecture students — led by Andrew Colopy and Ken Tracy, both visiting assistant professors — deployed cutting-edge digital fabrication technology to design and build the observatory. For more information, including a video on the project, visit magazine.wustl.edu.

(Photos by Danny Reise/WUSTL Photos)
**Prized Poet**

PHILLIP B. WILLIAMS, a Master of Fine Arts candidate in creative writing in Arts & Sciences, is one of five young poets awarded a $15,000 scholarship from the Poetry Foundation and *Poetry* magazine.

The Ruth Lilly Fellowship program, which encourages the study and writing of poetry, is open to all U.S. poets between ages 21 and 31.

Williams, also a Chancellor’s Graduate Fellow, is author of the chapbooks *Bruised Gospels* and *Burn*. He is a Cave Canem graduate and the poetry editor of the online journal *Vinyl Poetry*. His work has appeared in *Blackbird*, *Callaloo* and *The Southern Review*.

Listen to Williams read his poem “Speak” at [magazine.wustl.edu](http://magazine.wustl.edu).
Students Solve Doctor Dilemmas

ONE DOCTOR WANTS A BETTER CHAIR to position patients during lumbar puncture procedures. Another wants to access patients’ medical information with the swipe of a card.

Medical faculty presented about 20 dilemmas during IDEA Labs’ inaugural “Problem Day.” IDEA Labs (which stands for Innovation, Design and Engineering in Action) is a bioengineering design incubator founded by the schools of Medicine and Engineering & Applied Science and the Division of Biology and Biomedical Sciences. Through the program, undergraduate, medical and graduate students collaborate to tackle unmet needs in health-care delivery and clinical medicine.

Eight teams received $500 and access to engineering software and mentorship to develop a working prototype they will present to faculty and entrepreneurs at “Demo Day” in May.

Tributes for Soccer Star

KATE DOYLE was named to the 2013 National Soccer Coaches Association of America’s Women’s Soccer Division III All-America First Team. Doyle scored eight goals and had three assists during the season.

Doyle also earned 2013 Third-Team Academic All-America honors, becoming the first women’s soccer student-athlete in school history to earn multiple academic honors.

Access to medical records with the swipe of a card?
IDEA Labs is working on it.

An Illustrated History

WASHINGTON UNIVERSITY LIBRARIES has acquired the archives of Illustration House, a New York gallery founded by pioneering collector Walt Reed. Included in the materials are 8,000 periodicals; 1,200 illustrated books; 250,000 magazine tear sheets; and 140 pieces of original art, ranging from sketches and drawings to production art and finished canvases, by 45 artists. The collection has a particular emphasis on the late 19th and early 20th centuries. For decades, the gallery was the nation’s premier advocate for illustration art.

The Modern Graphic History Library (MGHL) will house, maintain, digitize, protect and build curricula around the collection. “Academic access to this vast and comprehensive collection will greatly impact the growing field of visual culture research,” says curator Skye Lacerte.

“Our particular strength is periodical illustration,” says D.B. Dowd, MFA, professor of communication design in the Sam Fox School of Design & Visual Arts and of American culture studies in Arts & Sciences. He is faculty director of the MGHL and leads the Sam Fox School’s new Visual Culture Initiative.

“Through the initiative, we intend to build programming and curricula around these resources, for humanists as well as practitioners,” Dowd says.

Austin Briggs’ 1965 illustration The Fast-Changing South for Look magazine contrasts bright billboards with the bodies of cotton pickers.
Jackson Nickerson
BY KATHLEEN FIELDS
THE FRAHM FAMILY PROFESSOR OF ORGANIZATION AND STRATEGY
AND ASSOCIATE DEAN IN THE OLIN BUSINESS SCHOOL

With a message today's management gurus embrace, Benjamin Franklin once wrote, "When you're finished changing, you're finished." But despite the necessity of organizational change, managing for a successful outcome is as tricky as harnessing electricity via kite.

"There are many books on leading change; every consulting firm has a practice on leading change," says Jackson Nickerson, PhD. "But when efforts to lead change fail 60 to 90 percent of the time, then something is not working."

Nickerson's latest book, Leading Change From the Middle: A Practical Guide to Building Extraordinary Capabilities (forthcoming in April 2014 from Brookings Institution Press), addresses the gap between the desire for change and the ability to pull it off with academic research and practical advice for implementation. "The point of the series is to convert the 'know why' into the 'know how,'" says Nickerson, who is also director of Brookings Executive Education in the Olin Business School and a Brookings non-resident senior scholar in governance studies.

Business professor Jackson Nickerson offers a game plan — backed by solid academic research — for mid-level managers charged with leading organizational change.

Here, he shares his thoughts on mid-level leaders, strategies for change and success.

1. I WROTE ABOUT MID-LEVEL LEADERS because they often are the ones in the hot seat. While much of the change-management literature focuses on those at the apex of an organization, a lot of change efforts, especially around building new capabilities, are undertaken by those sandwiched in the middle, and there is very little research to guide them.

2. IF YOU ARE A MID-LEVEL LEADER, then you are at the crossroads of change, surrounded by four kinds of stakeholders. Above are your superordinates, from whom you must find out how far you can go before you lose their support. Below you are subordinates with whom you must find a way to engage so they feel empowered. With internal and external customers you must help them understand that the new capability you're creating adds more value than it costs them to use it. Finally, you must find ways to gain support from complementsors and potential blockers, those people who are gatekeepers to resources vital to building the new capability. Leading each stakeholder group requires different strategies.

3. SUCCESS IN BUILDING CAPABILITIES is simply getting them up and running without complaints the first time. That's extraordinary.
For most of us, the question is not whether we will experience poverty, but when.

— MARK RANK, PHD, the Herbert S. Hadley Professor of Social Welfare in the Brown School, wrote in *The New York Times* "Opinionator" blog

The trick is to never give anyone a reason to think you can’t do it. ... Confidence, coupled with unwavering humility, goes a long way.

— SARAH HASELKORN, BSE ’13, wrote in *Entrepreneur* magazine’s blog “The Grind” about advice for young entrepreneurs. Haselkorn founded a healthy-salad café as a junior before closing two years later.

“Is monitoring good or is monitoring bad?” That is really the wrong question. The right questions are ... “What is the right level and type of monitoring?” “And how should you communicate this to employees?”

— LAMAR PIERCE, PHD, associate professor of strategy in the Olin Business School, to NPR on his new study that analyzed sales in restaurants after they installed electronic systems to detect employee theft. Weekly revenues jumped by nearly $3,000, and tips increased, too. The researchers speculated this was because of changed staff behavior.

Religion runs deep in our veins in American history. But religious views on this issue have shifted, and you see growing tolerance for gay people.

— R. MARIE GRIFFITH, PHD, the John C. Danforth Distinguished Professor and director of the Danforth Center on Religion & Politics, to *The Washington Post* on the relatively little debate over the gay anti-discrimination bill ENDA on religious grounds.
Disfavored speech

BY KATHLEEN FIELDS

an act of expression not merely unpopular but outside the protection of the First Amendment and which may be prohibited or limited by legislation.

IN JANUARY 2014, THE U.S. SUPREME COURT heard oral arguments in the case of McCullen v. Coakley. At issue is the constitutionality of a Massachusetts law that bans even peaceable protesters within 35 feet of the entrances, exits and driveways of reproductive-health-care centers not only on the facility’s private property but on adjacent public streets and sidewalks, too. The legislation is aimed at ensuring unobstructed access for patients and clinic staff.

“There have been a sufficient number of people killed and maimed and clinics burned down that we can see reason for a law like this,” says Mary Ann Dzubach, PhD, associate professor of education and director of Women, Gender and Sexuality Studies in Arts & Sciences. “It might be a different story if there were no history of violence.” In 1994, for example, anti-abortion protester John C. Salvi III shot and killed two clinic workers and wounded five others outside two family planning centers in Brookline, Mass. The Massachusetts buffer-zone law was enacted six years later.

The case pits against each other two fundamental rights: free speech and abortion access. More broadly, the case prompts discussion about the circumstances under which it is permissible to limit expression.

For constitutional law expert John Inazu, JD, PhD, the physical setting in which the speech is carried out makes a great difference. “In a traditional public forum, the Supreme Court has recognized the greatest allowance for speech and the least concern for being left alone,” says Inazu, professor of law in the School of Law. He asserts that public spaces, such as sidewalks and streets, have long been viewed as a necessity for the open exchange of ideas.

The majority of Americans place high value on free speech. In the First Amendment Center’s 2013 State of the First Amendment Survey, 47 percent of Americans cited freedom of speech as the most important of the five freedoms it enumerates.

Still, the Supreme Court has upheld laws that limit speech — called time, place and manner restrictions — provided they are content neutral. For instance, the court ruled in Burson v. Freeman that buffer zones around polling places serve the state’s interest in protecting citizens’ right to vote freely.

(Oh note: That case was argued by Charles Burson, JD, senior lecturer in the School of Law.) Lower courts have upheld similar time, place and manner restrictions on Westboro Baptist Church protesters at funerals, but the Supreme Court hasn’t weighed in yet.

Though perhaps not in the manner of their choosing, the protesters’ argument is still heard, says Elizabeth Sepper, JD, LLM, associate professor of law in the School of Law. “There’s no evidence that abortion protesters have seen a falloff in the effectiveness of their protests due to current restrictions on how close they can get,” she says. “They are still highly visible and able to communicate their message.”

Historically, free speech has never existed without restrictions, says William Bubelis, PhD, assistant professor of classics in Arts & Sciences. The Western notion of free speech traces its roots to ancient Athens, Bubelis’ research focus. “Radically unpopular free speech played a key role in the political character of Athenian democracy,” he says. “But certain kinds of speech were already disfavored.” As early as 594 BC, restricted speech included speaking ill of others within a temple or at a religious festival. Conversely, slander was protected during trials and when performed as comedy. Even then, time, place and manner mattered.

Contested ideas will always draw passionate responses, says constitutional law expert Greg Magarian, JD, MPP, professor of law in the School of Law, and the expression of those arguments is vital. “The First Amendment is an outlet for change,” he says. “But we’re better on limiting censorship than we are on promoting debate.”
“I am a Brookings Partner because education, particularly business education, is critical for the future of our country. I’m happy I can help in a small way to help educate future business leaders—particularly women!”

(See page 49.)

To learn more about Leading Together: The Campaign for Washington University, visit together.wustl.edu.
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France

Bordered by the Atlantic and Mediterranean worlds, defined by a millenia-old culture and a rapidly changing society, the French Republic offers Washington University scholars a melding of the old and the new.

**Food and the French Countryside**

*Venus Bivar, PhD, assistant professor of history in Arts & Sciences*

The French countryside is the setting for Bivar’s research on its post–World War II shift from individual production to industrialized agriculture and its development as a major player in the global trade of foodstuffs. In summer 2013, she spent six weeks in France, including four working in the municipal archives in Angers, researching the history of organic agriculture, which has been alternately played out as high-end gastronomy, conservative backlash, and part of the back-to-the-land movement of the late 1960s.

**A Kinder Shock**

*Igor Efimov, PhD, the Lucy and Stanley Lopata Distinguished Professor in the School of Engineering & Applied Science; Sarah Gutbrod, doctoral candidate in biomedical engineering*

Together with colleagues in Bordeaux, Efimov spent summer 2013 conducting experiments that could one day lead to a new treatment for patients who have an irregular heartbeat. With assistance from Gutbrod, the team is studying low-energy defibrillation. The treatment uses three stages of electric shocks with decreasing energy levels, which may be more effective and less painful to the patient, instead of one large shock to return the heart to a normal rhythm.

**The Scent of Marseille**

*Seth Graebner, PhD, associate professor of French in Arts & Sciences*

Graebner’s work focuses on the relationship between France and the Arabo-Muslim and African worlds. During his two months in Paris in spring 2013, he explored the Bibliothèque Nationale’s collection on Marseille to see how 19th-century writers described the city. Having found that nearly everyone described how pungent the port smelled, he is writing a book chapter about how perceptions of Marseille’s odors had political and racial overtones in a city viewed as France’s window on the world.

**An American Lawyer in Paris**

*Leila Sadat, JD, the Henry H. Oberschelp Professor and director of the Whitney R. Harris World Law Institute in the School of Law*

Sadat spent the spring 2011 semester as the Alexis de Tocqueville Distinguished Fulbright Chair in Paris, France, the first female academic to receive this honor. Sadat’s academic home was the University of Cergy-Pontoise, where she taught two courses and conducted her research. During her Fulbright she gave more than 16 lectures in French and English, appeared on French television, and advanced her work promoting the adoption of a global convention on Crimes Against Humanity, a project that the U.N. International Law Commission recognized last July.

**The Meaning of Breast Cancer**

*Carolyn Sargent, PhD, professor of anthropology in Arts & Sciences; Peter Benson, PhD, associate professor of anthropology in Arts & Sciences; and Stéphanie Larchanché, PhD ’10, research fellow, École des Hautes Études, Paris*

In June 2013, Sargent, Benson and Larchanché began a two-year study working with 40 women who have immigrated to Paris from the Senegal River Valley and who have been diagnosed with breast cancer. Often, they have no vocabulary word in their native language for cancer. The goal is to learn how the West African women understand the disease and its treatments and to document how it changes their understanding of themselves, their bodies and their mortality.
In Case You Missed It Online  magazine.wustl.edu

Program Elevates Homegrown Talent," recognizing the University of Missouri–St. Louis/Washington University Joint Undergraduate Engineering Program.

JEFFREY GORDON, MD, finds a link between gut microbes, diet and obesity, setting the stage for next-generation probiotics that could treat or prevent the disease.

TYPEFACE DESIGNER BEN KIEL, BFA '01, recently helped The New Yorker update its design, including its iconic cover font. Now in St. Louis, he opened a type foundry and teaches at his alma mater.

IN THE DECEMBER ONLINE-ONLY ISSUE, we met Paul Moinester (above), AB '08, who fly-fished his way across North America to promote conservation in "A Different Kind of Fish Tale."

TWO DECADES OF SUCCESS are celebrated in "Joint Engineering

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Memory

1 Remember to remember.

The challenge with prospective memory — remembering to do something in the future — is not that we forget our intention, but that we forget to call it up at the right moment. Take extra steps to provide cues to remember the intention at the appropriate moment: Create an attention-grabbing external cue (e.g., sticky note) and position the cue in a prominent place; create imaginary cues in interaction with a landmark that is pertinent to your intention (e.g., to remember your umbrella at a restaurant, imagine the exit door blocked by a giant umbrella); imagine exactly where and when you will perform the intention (e.g., imagine taking the medication at your office desk, during your coffee break).

— Mark McDaniel, PhD

2 Practice retrieving information.

When asked how they study, students report poring over their books and their notes, reading and reviewing, trying to get it "into" memory. But research shows retrieval practice (a strategy of repeatedly recalling information from memory) through quizzing provides a much greater mnemonic benefit than rereading the same information. Another benefit of quizzing is that you can monitor what you know and what you do not know and return to restudy the latter. Further, if you test yourself at spaced intervals (giving yourself feedback when you miss something), you will retain the information much longer and be able to use it when you need it.

— Roddy Roediger, PhD
3  Share your tips with your kids.

Children begin to form lasting memories that are carried into adulthood at around 3 years of age, but it's not until they're quite a bit older that they can effectively remember to brush their teeth or feed the dogs without ongoing reminders. As children reach school age, lasting memories become more numerous. This is also the developmental point at which executive strategies play an increasingly crucial role in memory. Simplified strategies we use to enhance memory as adults (mnemonic devices, pictorial representations, categorical cues, creating lists) work well for children, and helping your children to use such strategies will increase their success in the home and at school.

—Desirée White, PhD

4  Learn from the champs.

Memory champions appear to have powerful attentional control abilities that allow them to practice focused memorization for hours each day. They rely on principles that were originally used by the Greeks and Romans, who used memory instead of text to communicate long passages. But we can all benefit from these strategies to organize and recall information. For example, the Method of Loci technique involves envisioning a well-established route (such as the walk from your front door to your bedroom) to mentally imagine each item you want to remember at particular locations. During retrieval, one merely “walks” through the house, “seeing” each item in its stored location. The richness of the imagery is critical to the benefit.

—David Balota, PhD

5  Think about yourself.

We are all experts in thinking about ourselves, and this can be used to great advantage in trying to remember information. Encoding new information with respect to its relation to you is a powerful way to retain the information over time. Want to learn the date the Berlin Wall fell? Think about how old you were at the time, what you might have been doing at that time of the year. This phenomenon, known as the self-reference effect, is a highly effective technique for encoding new information.

—Kathleen McDermott, PhD

6  Know when to worry about memory loss.

Many people express concern about memory decline, about walking into a room and forgetting why or not being able to recall a proper name or word. These are age-related changes in memory and not a sign of Alzheimer’s disease. When a consistent change in memory or thinking impairs day-to-day function (e.g., driving, cooking, managing finances), we call that a dementia. Dementia is a syndrome and has many causes, such as B12 deficiency, depression, medications and Alzheimer’s. If warranted, it is important that you have an appropriate and thorough workup from your physician to diagnose the specific cause.

—David B. Carr, MD

FACULTY EXPERTS

—Mark McDaniel, PhD, professor of psychology in Arts & Sciences, is co-author of Make It Stick: The Science of Successful Learning (Bollnap, April 2014) and co-author of Memory Fitness: A Guide for Successful Aging (Yale, 2004).

—Roddy Roediger, PhD, the James S. McDonnell Distinguished University Professor in Arts & Sciences, is co-author of Make It Stick: The Science of Successful Learning (Bollnap, April 2014). In 2012, he received the William James Lifetime Achievement Award from the Association for Psychological Science for his work in fundamentally shaping the science of memory.

—Desirée White, PhD, professor of psychology in Arts & Sciences, is co-director of the Human Clinical Core within the Intellectual and Developmental Disabilities Research Center. Her research focuses on cognitive development in typically developing children and children with damage to frontal brain regions.

—David Balota, PhD, professor of psychology in Arts & Sciences and professor of neurology in the School of Medicine, studies memory in young adults and older adults, in memory champions and people with Alzheimer’s-impaired memory.

—Kathleen McDermott, PhD, professor of psychology in Arts & Sciences, studies memory in expert memorizers and in typical, healthy young adults using functional magnetic resonance imaging (fMRI) and psychological techniques.

—David B. Carr, MD, is professor of medicine and neurology, clinical director of the Division of Geriatrics and Nutritional Science in the School of Medicine, and a clinician with the Memory Diagnostic Center.
CREATING PATHS OF OPPORTUNITY

COMBINING NEW INITIATIVES WITH LONG-STANDING EFFORTS, WASHINGTON UNIVERSITY ADDRESSES THE NATIONAL CHALLENGES OF AFFORDABILITY AND ACCESSIBILITY IN HIGHER EDUCATION.

BY DIANE TOROIAN KEAGGY & TERRI NAPPIER
For too many, the dream of a college degree remains just that—a dream. For others, college isn’t even contemplated. Lacking preparation, inspiration and the necessary resources, far too many young people do not even consider obtaining a college degree as part of their life plan. The issue of closing that gap—of making higher education affordable and accessible regardless of a prospective student’s background—remains one of the nation’s greatest challenges. It is also a high priority at Washington University in St. Louis.

For generations, Washington University has offered scholarship opportunities and other assistance programs to bring within reach an educational experience at one of the nation’s top research institutions. Progress has been made. However, there is no one silver bullet. A broader, long-term, sustained effort is required to level the playing field for prospective students and achieve socioeconomic diversity within the university’s overall student body.

Underscoring just how significantly this challenge permeates society, in January, President Barack Obama hosted a White House Summit on Higher Education, inviting presidents from more than 100 colleges and universities to participate in a thoughtful, collective conversation about what more can be done. The leaders agreed: Something must be done to attract and retain students of all backgrounds. Many institutions promised to increase financial aid, some pledged to step up outreach efforts, and others declared they would do more to retain students.

Chancellor Mark S. Wrighton shared that at Washington University he is addressing all of those critical mission needs. He shared with participants the university’s three-pronged approach to making education affordable and accessible to high-achieving students of all backgrounds and ensuring individual success for every student who attends.

- **PRONG ONE** — Strengthen the pipeline of well-prepared and inspired students.

Washington University has a long history of collaborating with local schools to develop well-prepared and inspired learners. Since 2008, Washington University has served as a hands-on sponsor to KIPP Inspire Academy, a high-performing charter school serving low-income students. Based on the school’s success, the university has committed to support a network of KIPP schools, including a new elementary school slated to open this summer. Wrighton also announced that the university would sponsor the Hawthorn Leadership School for Girls, the first all-girls STEM (science, technology, engineering, mathematics) charter in St. Louis.

Washington University also will launch a new pre-college program that will prepare first-generation high school students for college. And the university has joined forces with two more college-access programs: the National College Advising Corp and Say Yes to Education.

- **PRONG TWO** — Make it possible to attend, regardless of ability to pay.

Already, about half of Washington University’s undergraduate students receive some form of financial assistance. To increase opportunities for scholarship support, Chancellor Wrighton announced that Washington University would increase, for the second time, its *Leading Together* capital campaign goal for scholarships. The new goal is $400 million, $250 million more than the original goal.

Wrighton and Provost Holden Thorp also committed resources to recruit, retain and
graduate more Pell-eligible enrollees beginning with this fall’s incoming class. This pledge complements the university’s no-loan program, which ensures freshmen from families with an annual income of less than $75,000 receive financial aid packages with no loans.

- **PRONG THREE** - Empower students once they arrive, enabling them to succeed in college and beyond. With a graduation rate that ranks with the very best anywhere, Washington University recognizes that it is not enough to recruit top students. The real measure of success must be seeing these students graduate and succeed in their careers. Mentoring, internship stipends, book and travel stipends, and other hands-on, personalized programs are available to students who could benefit from the support.

This comprehensive approach will help develop future generations of strong, inspired and motivated students.

In many ways, Washington University already is leading the nation in these efforts. It boasts one of the highest graduation rates in the country, and low-income and first-generation students graduate at essentially the same rate as their peers. Washington University also offers top scholarship opportunities. The Enterprise Holdings, John B. Ervin, James E. McLeod and Annika Rodriguez scholars programs have drawn outstanding applicants who enhance the quality and diversity of the student body.

Washington University, through its personalized approach to student aid, also is among the few top colleges and universities that have actually lowered the net cost of tuition for the lowest-income students.

Still, more must be done. It will take smarts and grit ... and resources. But the payoff is huge. Just look at the lives changed, the careers launched at Washington University. Here, Washington introduces you to students — former, current and perhaps future — who demonstrate how more access to education benefits us all.

**PREPARING, INSPIRING K–12 STUDENTS FOR COLLEGE**

Washington University’s plan to boost socioeconomic diversity in higher education is to begin the process of developing scholars very early, beginning as young as fifth grade.

In 2008, Washington University signed on as sponsor of KIPP (Knowledge Is Power Program) Inspire Academy, a middle school in St. Louis serving low-income and minority students. As part of the sponsorship, WUSTL undergraduates tutor KIPP students; Brown School students assist KIPP’s social worker; and university faculty help KIPP teachers develop curricula. To succeed, though, students must work hard, spending more than nine hours in class most days, as well as attending classes on Saturdays and in the summer. Family support also plays a pivotal role in helping establish an atmosphere of trust and collaboration between stakeholders. By all indications, the partnership is paying off. Test scores keep climbing, and students are being accepted to some of St. Louis’ best college preparatory high schools.

Phallen Briggs and Da’Nygia Partee are two of the 72 bright young students forming KIPP’s first graduating class in 2013. Currently, they are freshmen at Metro Academic and Classical High School in the city of St. Louis. Metro consistently ranks among the top 150 public high schools in the country and is rated No. 1 among public high schools in Missouri. The two are adapting well and succeeding in their freshman year.

For Da’Nygia, planning was one of the essential skills she learned during her time at KIPP. She says being organized is what keeps her focused.

“At KIPP, we had a planner, and we had to write in it,” Da’Nygia says, “but now I have a lot more to do, and it’s not like I’m being reminded. I have to remember what to do on my own.”
Since 2008, Missouri Assessment Program test scores in science have increased 22.4% among Hazelwood School District’s fifth-graders, reflecting the district’s collaboration with WUSTL’s Institute for School Partnership.

For both students, the rigor and discipline of KIPP prepared them well for high school and encouraged them to think beyond to college.

“We had this phrase: ‘Climb the Mountain to College,’” Phallen says, “and we learned that everything you do is building a foundation toward college. Going to KIPP, coming to Metro High School — this is helping me succeed, helping me get to where I want to be: Wash. U., CalTech, MIT, anywhere.”

“Both Phallen and Da’Nyjia exude a maturity that is unmatched,” says Molly Joyce, director of high school placement for KIPP Inspire Academy. “They are really proud of where they come from, they are really proud they go to Metro, and they are really proud they do well. I don’t think there is anything more you could ask of a 14- or 15-year-old but to be proud of what they are doing academically. And, as long as they have that now, they will never accept not doing well.”

The two young ladies also appreciate all they learned at KIPP and the exposure they got to Washington University tutors. For example, both participated in the Science Olympiad, a national program that, at KIPP, is sponsored by WUSTL’s Institute for School Partnership (ISP). WUSTL engineering school faculty and students meet with students on Saturdays, where they work on teams and try to solve science problems. Phallen says the attention-grabbing categories — such as rotor egg drop, metric mastery, disease detective and crime busters — reinforced the science they were learning in their KIPP classes or at times foreshadowed what they were to learn.

Da’Nyjia also takes part in Strive for College — founded by WUSTL alumnus Michael Carter, AB ‘10. A national organization, Strive for College pairs high school students with college-access mentors for help with homework, advice on scholarships for college and other guidance.

Because students from disadvantaged backgrounds and their parents often lack the requisite experience to navigate the process, this program and others are crucial to helping students into college. To that end, the university recently joined forces with the National College Advising Corp and Say Yes to Education.

Overseeing the university’s broad commitment to advancing K-12 activities, including its
(Top) Urban studies major Rose McCarty received the Ann Rubenstein Tisch Scholarship, which allowed her to attend Washington University. Through volunteerism and internships, McCarty discovered a passion for serving children in the juvenile justice system.

(Top, right) The Enterprise Holdings Scholarships Program, which provides significant financial assistance, is one of the many endowed scholarships offered by the university. The 2013–14 Enterprise Scholars are pictured above.

sponsorship of KIPP, is the Institute for School Partnership, directed by Vicki May. The institute is interdisciplinary and has an overall goal of enhanced student development and success.

In addition to new initiatives in campus-wide coordination, school leadership and community school reform partnerships, ISP carries on the efforts of Science Outreach, a program with a 20-year history of improving learning in science, technology, engineering and mathematics through hands-on, investigative teaching methods.

ISP places priority on working with neighboring school districts in underserved communities, and many of its programs are national models for teacher professional development.

Of ISP’s many partnerships, the Hazelwood School District collaboration stands out as a great example of success. Over the course of a five-year (and counting) collaboration with ISP, Hazelwood (an 18,000-student district in north St. Louis County) has helped students dramatically improve their science scores on the Missouri Assessment Program tests. Specifically, since 2008, fifth-graders’ scores in science have increased 22.4 percentage points, and eighth-graders’, 12 percentage points.

For the Hazelwood district, ISP’s approach is multifaceted and includes on-site professional education for teachers; WUSTL faculty and staff serving as a constant resource; and university-provided curriculum materials and kits.

“Hazelwood wanted an exemplary science program and was committed to putting the support structure in place to make it happen,” says May, who is also an assistant dean in Arts & Science. “They just needed the spark, and we were willing to provide it.”

The university recently announced two new initiatives that aim to strengthen further the pipeline to college for students in underserved populations: the Hawthorn Leadership School for Girls and the Summer College- Prep Program.

Since women are underrepresented in STEM fields and minority girls even more so, Washington University is working to close the gender gap through its sponsorship of Hawthorn Leadership School for Girls, St. Louis’ first all-girl charter school. Hawthorn is affiliated with the highly successful Young Women’s Leadership Schools and will serve girls in grades 6 through 12. The goal: to get every graduate into college. The school will open in fall 2015 with sixth- and seventh-grade classes and will add a class each year.

In summer 2014, Washington University will launch the Summer College-Prep Program to prepare talented low-income high school students for college life. Twenty rising sophomores will spend two weeks on campus, where they will live in residence halls, take classes, and develop the skills needed to live on their own. The students will return the following two summers and also receive college guidance throughout their remaining high school years. By providing an experience that is both intensive and continuous, the university is upping these students’ chances of success.
FINANCIAL ASSISTANCE MAKES COLLEGE POSSIBLE

Even with the best preparation — and a golden acceptance letter — students from low-income families have a particular struggle in paying for education at a selective university. Scholarships fill the gap for a large number of students.

When Rose McCarty (pictured far left), Arts & Sciences Class of ’14, received her generous financial aid award in the mail, she cried. The Ann Rubenstein Tisch Scholarship made her attendance at Washington University possible. “I cried because I had never felt so validated,” McCarty recalls.

In the spirit of giving back, as a freshman, McCarty hit the ground running, volunteering at the Juvenile Detention Center in St. Louis. Hanging out with the kids, she fell in “love with the environment” and at that time decided to pursue an educational path to serve them.

“During my entire college career, I have spent a significant amount of time at the St. Louis Juvenile Detention Center,” McCarty says. “This has been the sole constant through my changing majors and varying career plans. My time with these kids is something I wouldn’t give up for anything, because they exposed me to a world most of us never have to experience.”

Among her other activities, the urban studies major has served two years as a resident advisor and has volunteered with Innovative Concept Academy, which is dedicated to the education and rehabilitation of delinquent teens and is the only school in the United States overseen by a court system. During her senior year, she was awarded a Goldman Fellowship through the Gephart Institute for Public Service, which allowed her to work at an unpaid internship with Legal Services of Eastern Missouri.

McCarty now has her sights set on graduate school and the pursuit of a joint degree in law and social work. And she is just one of the hundreds of exceptional students who receive scholarships to Washington University.

In an effort to expand scholarship opportunities for even more students, the university recently increased its goal of raising funds for scholarships through the Leading Together campaign capital. Initially set at $150 million, the goal was later raised to $330 million. Now, the university is working to secure $400 million to better support undergraduate and graduate students with financial need.

“A great education is a transformative experience. It develops leaders with depth of understanding and strength of character, committed to using their education to benefit humanity,” Chancellor Mark S. Wrighton says. “This extraordinary opportunity must continue to be accessible to every qualified student who aspires to graduate from Washington University.”

Among the many scholarship opportunities at Washington University, the Enterprise Holdings, John B. Ervin, James E. McLeod and Annika Rodriguez Scholars programs help specifically to attract outstanding applicants who enhance the quality and diversity of our student body.

Take Jeff Nelson, BSAS ’10, a first-generation college student from a family of nine children. Without generous scholarship help, he would never have been able to attend Washington University. Nelson recalls when his father, a former telephone company repairman, took the then-15-year-old aside for a man-to-man talk.

“He placed both of his hands on my shoulders, looked me directly in the eyes and said, ‘Son, we want you to go to college, but you will have to earn a scholarship because we cannot afford it,’” Nelson says.
The former Student Union president, who worked hard to improve the day-to-day experience for all undergraduate students, earned three scholarships: the Enterprise Rent-A-Car Scholarship, the John B. Ervin Scholarship, and the Sandy Loewenthall Scholarship. Now an infrastructure quality engineer at Palantir Technologies in Palo Alto, Calif. — where he develops software solutions for the sectors of education, government and business — Nelson says his scholarships were key to helping him attend college.

Another way the university is opening pathways for exceptional students regardless of their socioeconomic or demographic background is through its no-loan policy. This program ensures that freshman students from families with an annual income of less than $75,000 receive full financial aid packages that involve no loans. This allows these students to graduate in four years, debt-free. Only a very small number of colleges and universities in the country have a similar offering.

**EMPOWERING STUDENTS ENABLES THEM TO SUCCEED IN SCHOOL AND BEYOND**

Washington University is committed to creating an environment where all students feel supported and welcomed. With assistance from on-campus programs and scholarship communities, students are empowered to succeed here and hereafter.

Senior Greg Opara (pictured left) considered Johns Hopkins Medical School a long shot. Harvard, too. And University of Rochester.

But one by one the letters arrived — all three medical schools wanted him to interview on campus. As did a dozen more. Opara was elated. Then reality hit.

"I realized there was no way I could afford to make these visits," says Opara, the son of Nigerian immigrants. "If you don’t interview, you don’t get in, but there was nothing I could do."

Opara turned to Ashley Gilkey, diversity in retention coordinator at Cornerstone, WUSTL’s Center for Advanced Learning. Gilkey used funds from the federal TRIO grant to fly Opara to four interviews. TRIO is just one of many university programs that serve low-income students, first-generation students and/or students with disabilities. TRIO also helps students buy books and supplies, travel home for holidays, and pay for expensive test-prep courses such as the Medical College Admission Test that Opara took.

"Greg’s done the hard work. He deserves this shot," Gilkey says. "It would be a shame if he could not follow his dream because of a plane ticket."

Opara may be surprised so many top-notch medical schools, including WUSTL’s School of Medicine, want him on campus, but his advisers aren’t. A standout student both inside and outside the classroom, Opara is majoring in psychology and minoring in biology in Arts & Sciences, and he has made the Dean’s List every year. Opara also has served as a residential advisor in Eliot Residential College for the past two years and has tutored third-graders in the Each One Teach One and Books and Basketball programs.

"He is an incredible model for the first-year students — serious about his academic pursuits and engaged in the campus community," says Brian Carpenter, PhD, associate professor of psychology in Arts & Sciences and Eliot
Residential College faculty fellow. "And he is a genuine friend to everyone."

Gilkey and her colleagues at Cornerstone help many students like Opara through TRIO. Now in its 44th year at WUSTL, the program is among the nation's most successful. One key measure — graduation — tells the story. Washington University already boasts one of the nation's best six-year graduation rates: 94 percent. According to The Chronicle of Higher Education, that places WUSTL at No. 11 among top research universities. TRIO students graduate at an even higher rate: 97 percent.

Gilkey credits the program's emphasis on both academic and emotional support. The program has five advisers and a team of TRIO student leaders who guide students through their collegiate journey.

"We're here for them every step of the way, whether a student needs to talk about a family member back home or about adjusting to this environment," Gilkey says. "Maybe your roommate comes from a different background: How can you still live together and learn from each other? These are the sorts of questions we can help with. And they matter, because if you don't feel connected to the students around you, it's not going to matter how you do academically."

For Opara, fitting in was easier than he expected. Certainly, many WUSTL students are affluent, but they also are open-minded, Opara says. He counts his freshman floormates among his closest friends. Still, his first year did pose some unexpected financial challenges.

"I never thought all these other expenses like books would be a problem until they came up," Opara says. "It was a huge relief knowing TRIO was there, especially to help me get home during breaks. My brother calls me twice a week to ask about school and stuff. So, as the oldest sibling, being able to go home has meant so much to me."

And being strongly supported by the university — whether financially, academically or otherwise — leads many WUSTL students and alumni into careers of service. A self-fulfilling cycle of achievement develops that can have far-reaching, positive impacts on individuals, communities and society.

Fernando Cutz (pictured top, right), AB '10 (international and area studies; political science), is one such alum. Cutz is a Presidential Management Fellow at USAID, the federal agency that fosters health and human rights in more than 100 countries across the globe. Projects include battling malaria in Cambodia, introducing sustainable agriculture in Honduras, and opening schools in Afghanistan. And when war strikes, whether in South Sudan or Syria, USAID is there to protect victims from violence, hunger and disease.

"It's easy to wake up in the morning and feel good about what you're doing," says Cutz, who also holds a master's degree in public service from the Clinton School of Public Service, University of Arkansas. "The mission is so positive: We're trying to help people. That's the bottom line — always."

USAID is just the latest — albeit the biggest stage — for Cutz. As an undergraduate at WUSTL, he was a passionate advocate for justice and equality. Along with Chase Sackett, AB '10, Cutz co-founded U/FUSED (United for Undergraduate Socioeconomic Diversity), a national advocacy group devoted to increasing the number of low-income students going to college. And as senior class president, Cutz led the protest against the Chicago bar that refused to admit six black students during a senior class trip. Ultimately, the bar's owners apologized and agreed to enroll workers in a diversity training class.

Cutz says the Enterprise Holdings Scholars and John B. Ervin Scholars programs motivated him to serve others.

"A core value of the Ervin program is to bring diverse communities together," Cutz says. "I think my interest in diplomacy — especially in the development track I've been involved with at USAID — goes back to those values."

Further, Cutz says he found a great community with his fellow Enterprise Scholars.

(Left, facing page) Senior Greg Opara has received much-needed support from WUSTL's Center for Advanced Learning when applying to and interviewing for medical school as well as throughout his college career.

(Top) Inspired by the support he received at Washington University, Fernando Cutz, AB '10, has dedicated himself to a career of service, helping others attend college and working for health and human rights with USAID.
"We were exposed to some awesome mentorship experiences by the folks at Enterprise Rent-A-Car," he says.

Cutz says the financial assistance that comes from being both an Enterprise Holdings and an Ervin scholar made it possible for him to attend Washington University. It also motivated him, as a graduate student at the Clinton School of Public Service, to start an outreach project to help low-income students in the Arkansas Delta go to college. That's how he met Eddie King III (left).

"He was a role model in a place that didn't have many," Cutz says.

"I knew he would make a great Ervin Scholar."

King's mother wanted a school with a good reputation for her son. King's father, a pastor with little money, wanted a school with good scholarships. King agreed with them, but he wanted more — a school with a good community.

Growing up in Lilburn, Ga., King felt accepted and supported by his diverse group of friends. ("My sister called us the Rainbow Coalition," King jokes.) But in the small Arkansas town where he had relocated, King felt marginalized.

"So the first thing I wanted to know when I visited was how do the communities and the micro-communities get along here," King says.

"What I found was a family-type atmosphere. I expected the community service and scholarship, but I didn't expect that."

King is a junior studying economics in Arts & Sciences and accounting in the Olin Business School. During breaks, he returns to Arkansas and encourages students to think big.

"Find your own strength and your own direction," King says. "It's not necessarily Washington University. Maybe it's another college or a vocational school or the military. But find a way to help yourself so you can help your community."

Diane Torosian Keagy is director of Campus Life News; Terri Nappier is editor of this magazine.

PAYING IT FORWARD

A nearly 30-year-old mystery still stumps Amanda Moore McBride. Who donated the money to send her to the Presidential Classroom, an elite program in Washington, D.C., for the nation's top high school students?

"I'm from a small town in Arkansas where everyone knows everyone else," McBride says. "My mom and I would listen and watch for clues in church and around town, but, to this day, we still don't know who helped me."

Today, McBride, MSW '95, PhD '03, is an associate professor and associate dean for social work at the Brown School and director of the Richard A. Gephartd Institute for Public Service. But back then, McBride thought she might be a bank teller after high school graduation, just like her mom. No one in her immediate family had attended college; few had even finished high school. Her mother

"I didn't start in 11th grade thinking I would be a professor and study civic engagement. But when I look at this progression, it all makes sense. I could never have afforded advanced education without all of the support I received along the way."

— Amanda Moore McBride, PhD

valued education but couldn't afford a trip to the nation's capital.

"When I got the letter saying I had been chosen, she told me, 'This is more than I make in a month. I cannot afford to send you,'" McBride recalls. "She was a single mother. There was just no way."

Two weeks later, McBride's school principal called her to his office. A private donor had stepped forward to pay her tuition, airfare and lodging. "The principal said, 'The donor believes you have potential and doesn't want you to miss this opportunity,'" McBride says. "That person changed my life."
And that person didn’t change just her life, but the lives of countless more who have been influenced by McBride’s research and teaching. A national leader, McBride has conducted important studies about civic engagement, volunteerism and service learning. She also has developed the Gephardt Institute’s Civic Scholars Program and, last year, served as co-chair of the university’s hosting of the Clinton Global Initiative University, which trains 1,200 students from across the world in civic action.

“I was just some little girl in this rural community and someone saw something in me,” McBride says. “But if you think of the thousands of students I have touched, just in my short academic career, that gift has led to a pretty good return on investment.”

That first gift was one of many that propelled McBride on her current path. Members of her hometown Kiwanis Club urged her to consider college and promised to help pay for it if she did. She chose Hendrix College, a private liberal arts school in Conway, Ark. During her senior year, McBride was in the midst of applying for graduate programs in psychology when she went to hear Bill Clinton’s presidential acceptance speech in Little Rock. She remembers everything about that night in November — the rain, the crowds, the fence she scaled to watch Clinton speak.

“He ran his campaign on opportunity and responsibility. I’m listening, thinking to myself, ‘What am I passionate about?’ And the answer was civic engagement, how people are connected to one another and how they are connected to politics,” she recalls. “So, I’m there on that fence, and I decide that I am dropping all of my applications to graduate psychology programs and I’m going into social work. I knew about Washington University and St. Louis — it’s Cardinal country down there. So, I decided, ‘Brown School and St. Louis, here I come.’”

She found Washington University generously supported its social work students. Some 98 percent of current Brown School students receive assistance. The Brown School awarded her the Frances Perkins Fellowship, named after the female appointee to the U.S. Cabinet. As Franklin Roosevelt’s labor secretary, Perkins established the forerunner to the AmeriCorps national service program, which is one of McBride’s major research interests. And then as a doctoral student, she earned the Richard Titmuss Fellowship. Titmuss studied why people give, another question McBride explores in her work. She is now struck by the serendipity of these scholarships, which opened the path of higher education for her.

“I didn’t start in 11th grade thinking that I would be a professor and study civic engagement,” McBride says. “But when I look at this progression, it all makes sense. I could never have afforded advanced education without all of the support I received along the way.”

Now it’s McBride’s turn. Her dual sense of gratitude to past benefactors and faith in her current students prompts her to give annually to scholarships at the university. She divides her gift between the Brown School for unrestricted support and the Gephardt Institute for stipends for civic learning opportunities.

“Call it paying it forward or paying it backward, but I’ve been gifted and I have a responsibility on two levels — to open as many doors as possible so students have access to education and to encourage their potential as civic leaders, who will in turn commit themselves to civic action,” McBride says. And like the donors who helped her, she is getting a substantial return on her investment. She credits university leaders for drawing the highest-caliber students and nurturing a campus culture that values service and community.

“Together, we can make a difference in individual lives and in society overall,” she says.
If These Halls Could Talk

FEATURE: NANCY FOWLER; PHOTOS: JAMES BYARD

On the Danforth Campus, grotesques and bosses dot the landscape, from halls dating to the 1904 World’s Fair to those only a few years old. Although these creatures are longtime fixtures, the stories behind many of them remain a mystery.

When strolling Washington University’s Danforth Campus, hundreds of eyes seem to take in your every step, every conversation. Perched on corners, above doorways and along windowsills, figures both bizarre and beautiful gaze down upon students, professors, staff and visitors. Many hold a hundred years of history, with much of it secret.

Do not call them gargoyles, although that is a first inclination. They are known as bosses or grotesques, having evolved long ago from the original “gargoylian” job of directing rainfall away from buildings and into the task of being purely decorative.

A return to Gothic style is signaled by the inclusion of such figures in the original Danforth Campus plans of Philadelphia architects Walter Cope and John Stewardson. Their liberal use also cemented ties with Cambridge and Oxford universities, whose campuses boast numerous bosses and grotesques.

The quest to understand the early 20th-century carvings is an informational scavenger hunt — a clue here, an insight there, and extra points if you can total up the number of figures. No one ever has, according to university archivists.

Many of the likely fascinating details of the original figures are hidden behind stone faces and sealed lips. Curious minds can only speculate.

Local architectural stone carver Mike Gomez — whose work can be seen at Graham Chapel and the Danforth University Center — sees each grouping as telling a story that’s larger than any single figure. Many carvings represent the student-professor relationship and the often-difficult path toward completion of one’s education, Gomez says, adding that all are designed to “impart a message for the ages.”

GRAHAM CHAPEL: The chapel contains some figures unique for having been carved from wood rather than chiseled from stone.
FRANCIS FIELD-HOUSE: WUSTL's first grotesques and bosses were the creations of Philadelphia's Walter Cope and John Stewardson — the architectural firm selected in 1899 to design the then-Hilltop Campus.

BROOKINGS HALL: A rhinoceros-like creature chokes a horrified human, perhaps, as stone carver Mike Gomez believes, as a professor may feel like doing if a student is unable to grasp a lesson after much work.

From rhino to ram at Brookings
Since the initial construction of Washington University began in 1900, an unlikely pair of animals have presided over the Brookings Hall Quadrangle. The more menacing of the two, a rhinoceros-like creature with a chokehold on a horrified human, is one of 156 original sketches donated to University Archives in the mid-1980s by Fred R. Hammond, an architect with Jamieson and Spearl, who succeeded Cope and Stewardson. But the sketchbook offers no words — only pictures.

Gomez, whose carvings were informed by careful study of older images, provides interesting, if sometimes harsh, supposition: "The rhino is the professor, and the student just can't get the lesson; therefore, the professor feels like strangling him," Gomez posits. A second figure, a ram with a graduation hood, is the student, four years later. "Sometimes rams are hardheaded but now he's got his book of knowledge," Gomez surmises.

North Brookings' beacon of wisdom
Mounted on a North Brookings Hall archway, this owl likely harks back to Roman mythology, according to a 2012 article in The Figure in the Carpet, published by the Center for the Humanities. The Romans correlated the wide-eyed bird's ability to see at night with wisdom and its nocturnal wakefulness with vigilance. In 2007, this knowledge-seeking creature — with the addition of eyeglasses — became the Center for the Humanities' logo, which in 2012 adopted a more modern look.

Surveying campus from Brookings–Cuppes arch
Atop the Cuppes 1-Brookings Hall archway, a dedicated surveyor has fixed his gaze toward the Cuppes building for 114 years. The surveyor may have served as a reference to engineering, according to Michael Greenfield, JD, the George Alexander Madill Professor of Contracts and Commercial Law, who studied campus bosses and grotesques for the creation of new figures for Anheuser-Busch Hall. But no one seems to know for sure, and neither the farsighted figure nor his silent companion is talking.

McMillan's inspirational angels
When Jim Burmeister, involved with and director of Commencement for more than 40 years, arrived
at Washington University, he was a young teenager whose part-time job administering entrance exams provided an early familiarity with some of the campus' more fearsome figures.

But it was a contrasting image—one of a pair of angels resting on a McMillan Hall archway since 1906—that comforted him during his long career on campus. “It just feels nice to me,” Burmeister says, but then quips, “but why it was put on the women’s dorm, I have no idea, because I’m sure they weren’t all angels living there.” According to Gomez, the architectural angels have another connotation: “They’re representative of thoughts having wings.”

**Graham’s gossiping grotesques**

Figures flanking the Graham Chapel organ are unique for having been carved from wood rather than chiseled from stone. While some are rumored to have been constructed with the arrival of new organs in 1935 and 1948, a 1971 *Washington Magazine* article suggests the figures are the original designs of architect James P. Jamieson of Jamieson and Spearl.

Who can say what their secrets might be as their molecules reverberate to the music? Any and all conjecture seems in line with an unbylined 1910 *Record* article that asserts: “It has ever been the privilege of Gothic designers to add thus a personal touch to their work. The observer may find a meaning in each carved head and figure, a meaning which will change with his own mood.”

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“**It has ever been the privilege of Gothic designers to add thus a personal touch to their work. The observer may find a meaning in each carved head and figure, a meaning which will change with his own mood.”**  
— 1910 *Record*

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**CUPPLES 1:** Atop the Cupples 1-Brookings Hall archway, a dedicated surveyor has fixed his gaze towards the Cupples building for 114 years.

**MCMILLAN HALL:** A contrasting pair of angels have rested on a McMillan Hall archway since 1906. Above right is one of the two.

**BROOKINGS HALL:** An owl, likely harkening back to Roman mythology, has been a beacon of wisdom in the North Brookings Hall archway for more than a hundred years.

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**Hideous carnivore haunting Graham Chapel**

Few of the university’s grotesques and bosses are more gruesome than one in which a monster appears to be devouring a lamb over Graham Chapel, built in 1907. But Gomez offers the explanation that menacing creatures were thought to ward off evil spirits during the Middle Ages. So the image—one of more than 100 dotting the chapel—seems appropriate for a place of worship after all.

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**Wilson Hall’s anachronistic dinosaurs**

A parade of dinosaurs embellishing the Wilson Hall entrance likely references its initial dedication in 1923 to the fields of geology and geography. But Esley Hamilton, a St. Louis County Parks...
“These [dinosaurs, example at top left] are modern images,” notes Hamilton, explaining that no one in the Middle Ages would have understood what a dinosaur looked like.

WILSON HALL: (Top, left) A dinosaur, one of many, embellish the hall’s entrance.

ANHEUSER-BUSCH HALL: (Top, right) Former Dean Dorsey D. Ellis Jr., JD, is one of two figures resembling actual people on the building.

DANFORTH UNIVERSITY CENTER: The building’s modern figures represent the student’s educational procession, as new student, growing scholar and learned graduate.

CUPPLES I: (Facing page) A variety of figures greet visitors as they enter Cupples Hall.

architectural historian and adjunct professor in the Sam Fox School of Design & Visual Arts, finds humor in these depictions.

“These [dinosaurs] are modern images,” notes Hamilton, explaining that no one in the Middle Ages would have understood what a dinosaur looked like. Even the early-1920s stonemasons likely had little to work with, as scientists had begun to speculate about the appearance of dinosaurs only a few decades earlier, in the mid-19th century.

Living legends at Anheuser-Busch Hall
Few figures resembling actual people adorn campus buildings. But a pair of likenesses on the east side of Anheuser-Busch Hall, completed in 1997, belong to a current law professor and a former dean. An image of Professor Michael Greenfield was dedicated to his more than eight years as building committee chair for the construction of the law building. A boss of the law school’s then-boss, Dean Dorsey D. Ellis Jr., JD, was added a short time later.

Three stages of student life at Danforth University Center
When Mike Gomez was asked to create figures for the Danforth University Center before it opened in 2008, he put his own personal spin on the newcomer-to-graduate theme with three images gracing the indoor courtyard. The first is a bear — the Washington University mascot — blithely enjoying an ice-cream cone, referencing the treat’s invention at the 1904 St. Louis World’s Fair.

The second is the ubiquitous owl, with a little branch growing out of what appears to be a dead stump, evidence of learning coming to life. What only the owl sees is Julius Caesar’s inscribed Latin declaration: “Veni, Vidi, Vici” (I came, I saw, I conquered).

The third figure, an angel, is the graduate, holding the holy grail — a diploma. “We take a student from being a neophyte, a partygoer, to beginning to be a serious student and then finally graduating and having wings to go out into the world,” Gomez says.

Nancy Fowler is a freelance writer based in St. Louis.
THE Longevity Revolution

Today, two-thirds of those ever reaching the age of 65 are on the planet. Further, WUSTL researchers may have the keys to help people live even longer, healthier and more productive lives — but is society ready?

BY ROSALIND EARLY

When people dream about retirement, many imagine what Robert Levin, AB ‘56 (economics), has. A student at Washington University’s Lifelong Learning Institute (LLI), Levin regularly takes noncredit classes at LLI on topics as varied as Chinese brush painting and Italian culture. Levin and his wife, Susan, AB ‘61 (sociology), have been studying there for a few years.

“There’s a lot of pleasure in learning new things — in staying active, in keeping our minds active,” Levin says.

Levin also is active with the university’s Weidenbaum Center on the Economy, Government and Public Policy, and he plays golf regularly. He and his wife also love to read.

The Levins exemplify the vitality that needs to be captured in a new vision of “retirement years,” according to Nancy Morrow-Howell, PhD, the Ralph and Muriel Pumphrey Professor of Social Work and director of the Harvey A. Friedman Center for Aging. “We’re going to have to stay productively engaged in a variety of ways,” she says. “We can’t afford the vision of a retirement that’s solely leisure. We need a different balance.”

The reason? For one, the demographics are rapidly changing, with fewer children being born on one end, and people living longer on the other. These changes result in a rapidly growing older population. “One of the
fastest growing age groups is those 85 and older," Morrow-Howell says. “I mean, it’s crazy, but two-thirds of folks in human history who have made it to the age of 65 are on the planet right now.” By the year 2030, the number of people over age 65 in the United States will have doubled to 72 million. That’s one in five people.

Though the Social Security retirement age has been moved up to 67, many people live well into their eighth and ninth decades. When Social Security was first implemented, by way of perspective, the average life expectancy for an adult male was 65. Now, many people leaving the workforce at the normal retirement age can expect to spend two to three decades outside of the workforce. This situation presents challenges very different, and we have to think about ways that we can enable people to educate longer, work longer, and be more civically engaged well into their 80s.”

In order to do that, we need new social policies and programs.

“There needs to be more flexible work to enable working longer,” Morrow-Howell says. Older adults might want to stay in the workforce part time, work from home, or do contract work. Employers or schools could also offer training that keeps older workers abreast of new technology and job skills.

Morrow-Howell would also like to see social policies that help keep older adults engaged, secure and healthy — the three cornerstones of healthy aging. Homes and businesses need to be accessible to people with reduced mobility. Public or alternative transportation needs to be readily available, since most Americans outlive their ability to drive by eight years. Communities and neighborhoods could be made more age-friendly, and long-term care needs to be more affordable.

Morrow-Howell would also like to see older adults get recognition for the work they already are doing. “Caregiving is vitally important, and older adults provide a lot of it to their parents, to their spouses, to their grandkids, to younger adults with some sort of disability,” she says. “We need to figure out ways to support vitally important caregiving activities.”

Morrow-Howell and her colleagues are studying all of these challenges at the Harvey A. Friedman Center for Aging at Washington University. There are some program innovations. For example, AmeriCorps now targets 10 percent of its money to engage older adults in service activities and allows educational stipends earned by seniors to be transferred to their children and grandchildren. Still, for Morrow-Howell, it’s not nearly enough.

“We should be investing as much in solving the challenges associated with living longer and changing society, as we do in figuring out how to help people live longer,” she says.

In an era of new scientific breakthroughs that may extend the average life span even further, her message has never been more urgent.

“Reshaping society to accommodate productive aging

Right now, we think about three stages of life: youth, adulthood and old age. Gerontologists want to add a new stage, between midlife and old age. “We basically think about people 65 and older as the old folks,” Morrow-Howell says. “In fact, 60-, 70-, 80- and 90-year-olds are very,

Shrering & longer: How obesity and longevity are shaping the future

Twelve years ago, Joe Cordell, LLM ‘08, thought he was healthy. He lifted weights and ate a fairly nutritious diet that kept him at a muscular
170 pounds. Then he found *The 120 Year Diet: How to Double Your Vital Years* by Roy Walford, a UCLA doctor who also studied calorie restriction.

"Once I read it, perhaps it was the lawyer in me, but I found the arguments irresistible," Cordell says.

Now, Cordell consumes only 1,850 to 1,900 calories per day. (The U.S. Department of Agriculture recommends that adult men take in 2,200 to 2,800 calories per day if they are moderately active.)

"It's possible to practice calorie restriction without going hungry, as long as you're prepared to eat the foods that are very filling and have lots of nutritional value, but are also low in calories," he explains. "Those tend to be plant foods."

For the last seven years, Cordell has been participating in a study run by researchers John Holloszy, MD, and Luigi Fontana, MD, PhD, in the Division of Geriatrics and Nutritional Science at the School of Medicine.

When rodents are put on a high-nutrient, low-calorie diet, it extends their life spans. Holloszy, professor of medicine, and Fontana, research professor of medicine, think the same is true in humans, but evidence is not yet conclusive.

"We have several studies, and one of the most exciting is the study of people who are members of the calorie-restriction society [like Cordell]," Fontana says. "Ten of them are in their late 70s to early 80s. We are going to see if in 15 years from now these people outlive their brothers and sisters and parents without developing diseases."

The health benefits don't come from simply being lean. Mice that are lean from exercise don't age more slowly.

According to Holloszy, calorie restriction protects against disease. People like Cordell have low blood pressure and low cholesterol, and aren't at risk for diabetes or heart disease. But those are only secondary characteristics of aging. The real question is if the diet slows aging.

Fontana says signs point to yes. "These people have a cardio-metabolic risk profile that is like a teenager," he says. On other tests, too, calorie restrictors look "15 or 20 years younger" than those consuming a regular American diet with very little exercise or even compared with those who consume a typical diet coupled with rigorous exercise.

The doctors think it best to eat fruits and vegetables with moderate protein intake, but the study will take more time to tell exactly.

"What people can do is eat enough to stay lean," Holloszy says. "Eat a lot of fresh fruit and vegetables and keep your saturated fat intake low."

Unfortunately, Holloszy is describing the exact opposite of the typical American diet.

The shortening life span

In 2012, 34.9 percent of adults were obese, which means at least 35 pounds overweight.

According to William Powderly, MD, the J. William Campbell Professor of Medicine, director of WUSTL's Institute for Public Health and co-director of the Division of Infectious Diseases, obesity reduces the likelihood that an adult will see old age. Further, if they do reach their senior years, the likelihood they'll be disabled is higher.
"When we talk about aging well or having healthy aging, we are really talking about not only living longer, but being able to do things," Powderly says. "If you can’t get around because of mobility problems, then the quality of your life will be significantly impaired."

But what worries him more is the high number of obese children and adolescents. "We have no idea what that is going to mean in terms of their life expectancy," he says.

An obese 50-year-old’s life will be eight to 10 years shorter. "But if you are obese when you’re 15, how long are you going to live?" he asks. He points out that these teens are getting heart disease and diabetes and other age-related diseases.

"The really important point is that the brain, or, more specifically, the hypothalamus, is the control center of aging and longevity," says Shin-ichiro Imai, MD, PhD. Imai thinks this might mean that the secret to longevity is actually very simple. "The take-home message is to keep your brain happy."

Instead of dying from a heart attack, you [could] live five years longer than you would have," Powderly says. "But if you get that heart attack when you’re 35 instead of 65, the fact that we’ve lengthened the survival after the heart attack isn’t going to do much good."

If we don’t fix the obesity epidemic, Powderly guesses either medical science’s breakthroughs will be moot and life spans will start shortening, or medical science will be able to keep people alive longer but those senior years will be unhealthy and, probably, unhappy.

A signal that extends lives

In a lab at the School of Medicine, Shin-ichiro Imai, MD, PhD, a professor in biology and internal medicine, and his postdoctoral research associate, Akiko Satoh, PhD, have found a way to maybe make people age more healthfully no matter their diet.

It began when Satoh noticed that mice on a low-calorie diet had more of a certain type of protein in their brains. The protein, called SIRT1, has been linked to aging and longevity regulation in other non-mammalian species such as flies and worms. Imai’s lab genetically engineered mice to always produce higher amounts of SIRT1 regardless of diet, and the results were dramatic.

"The female mice showed about a 16 percent increase in the medium life span," Satoh says. "And the males showed about a 9 percent increase."

"If I dare translate this number to humans, that basically means that women could get an extra 13 to 14 years, which makes an average of almost 100 years," Imai says. Men could get an extra seven.

The genetically engineered mice, known as BRASTO (brain-specific SIRT1-overexpressing) mice, also became healthier. Normally, as animals age they become less active. The BRASTO mice stayed active into their human-equivalent 70s. They also absorbed more oxygen in their blood, maintained a higher body temperature, got better and deeper sleep, and had stronger musculoskeletal systems.

According to Satoh, the mice weren’t aging more slowly — the extra SIRT1 was actually delaying the onset of aging.

"SIRT1 regulates a very specific pathway in the hypothalamus," Imai says. This signal goes to the sympathetic nervous system and stimulates skeletal muscles. "This connection between the hypothalamus and skeletal muscle is the key for maintenance of healthier physiology and also longevity," he explains.

If SIRT1 operates in a similar way in humans, regulating it would help older people sleep more deeply or stay mobile. Imai’s lab is currently working on ways to feed mice more of a chemical called NAD (nicotinamide adenine dinucleotide), which encourages the production of SIRT1.

"The really important point is that the brain, or, more specifically, the hypothalamus, is the control center of aging and longevity," Imai says. This region of the brain also regulates metabolism, sleep cycle, emotion and hormone production. "It’s really the critical center for our basic biological functions."

Imai thinks this might mean that the secret to longevity is actually very simple. "The take-home message is to keep your brain happy."
Alumni Authors Stack Up

Washington University alumni, across disciplines and genres, tell compelling and unusual tales of interest.

BY RICK SKWIOOT AND TERRI NAPPIER

Writers are often told to “write what you know.” If that be true, alumni authors of recently published books possess remarkably varied knowledge.

Their nonfiction works deal with a crucial but little-known World War II secret operation, improving doctor-patient communication, a basketball coach who helped change an inner-city neighborhood, making your workplace more creative, aging with style and humor, the eccentric genius of George E. Ohr, and the lives of two Nobel Prize winners who collaborated in the French Resistance.

Similarly, alumni fictional works run the topical gamut: the impact of GIs on a Massachusetts community during World War II, the struggles of a Southern debutante at an equestrienne boarding school during the Depression, the life and commercialization of an 11-year-old pop-music megastar, and political intrigue among dragons and humans in the mythical kingdom of Goredd.

Meet the authors on the following pages and learn more about their books.
"The ones I got to know best were Edna Ferber and Dorothy Parker. One thing I understood from them is to write from what you know and what you feel, from your true emotions, not invention."

A. E. HOTCHNER

Living the writing life

Best known for best-sellers *Papa Hemingway: A Personal Memoir* and *King of the Hill*, his St. Louis childhood memoir, A. E. Hotchner, AB '40, JD '40, Honorary Doctorate '92, continues to live the writing life at age 93. His new book, *O.J. in the Morning, G&T at Night: Spirited Dispatches on Aging with Joie de Vivre* (St. Martin’s Press, 2013), works as both a guidebook and a travel warning to those venturing forth chronologically.

"Everybody looks at the numbers more than themselves," Hotchner says. "Because they’re 65, they cut back — but maybe you’re really 50. You’re going to age, but you should do it with a good sense of living and have a good time about it."

Which Hotchner seems to do. At his 50-year Washington University class reunion, when passed a hand mic to give his name and a thumbnail summary of his life, he identified himself as Eugene O’Neill, he recounts in his new book, "and said that since graduation it had been a long day’s journey into night."

Hotchner continues to play golf and tennis, to travel on safaris and to write, always in longhand on a yellow pad, he says, never with a computer or typewriter, to get closer to the page. "When your fingers actually write it, it’s more personal."

His friend Ernest Hemingway also wrote in longhand, Hotchner says, except for dialogue, when he turned to the typewriter "for faster rhythms, the way people talked."

Hotchner, who also works as a novelist and playwright, has benefited from close acquaintance-ship with other noted writers as well. "The ones I got to know best were Edna Ferber and Dorothy Parker. One thing I understood from them is to write from what you know and what you feel, from your true emotions, not invention," he says.

Hotchner is now at work writing a musical play based on his 1975 biography of actress and singer Doris Day, a close friend.

"Too much to do," Hotchner says, "too little time to do it."

Collaboration key to success

Unlike some writers who consider the editing process an intrusion, Jan Greenberg, AB '64 (English), sees it as vitally important.

"It’s wonderful and instructive to get feedback," Greenberg says. "But you have to be with an editor who believes in your work."

Greenberg, from the start of her writing career, found such a person. In 1978, Sandra Jordan, an editor at Farrar, Straus & Giroux, discovered Greenberg’s first book in a pile of unsolicited manuscripts. "A little encouragement went a long way," she says.

Throughout seven novels, Greenberg turned family fodder — the trials and tribulations of her three then-teenage daughters — into page-turners for young readers.

Once her daughters grew up and moved out of the house, however, Greenberg said childhood stories were no longer giving her pause. That’s when she found inspiration through another family member.

"My husband, Ronnie, is an art dealer in St. Louis, so our house was often filled with artists and art talk," she says. "I did research, this was in the early ‘90s, and discovered there were no books about contemporary artists for young people."

While teaching aesthetic education at Webster University, Greenberg developed a system for looking at art. "Revising it for children, I thought, could fill a gap in the bookshelf." She reconnected with Jordan, and the two teamed up this time as writing partners.

Their collaboration has produced 12 beautifully designed titles, including the most recent, *The Mad Potter: George E. Ohr, Eccentric Genius.* Their *Ballet for Martha: Making Appalachian Spring* was an Orbis Pictus Award winner, and for their body of work, the two were recognized with the 2013 Award for Nonfiction by the Children’s Literary Guild of Washington, D.C.
Bridging the patient-doctor divide

When Leana Wen, MD '07, was in her second year of medical school at Washington University, her mother was diagnosed with cancer. For seven years, until her mother's death, Wen helped her navigate the medical system. “In the process, I saw how disconnected doctors and patients have become, how out of control patients can feel,” she says, “and how disempowering our health system is.”

Ever since, Wen has dedicated herself to bringing doctors and patients closer together. Her book When Doctors Don’t Listen: How to Avoid Misdiagnoses and Unnecessary Tests (Thomas Dunne Books/St. Martin’s Press, 2012), co-authored with Harvard emergency physician Joshua Kosowsky, MD, gives patients — and doctors — ways to avoid “cookbook” medicine that can lead to misdiagnoses.

“The book as conceived was originally intended for doctors,” Wen says. “But I realized that doctors are not effective without good patient input, and both needed to be involved.”

Using case histories where patient-doctor miscommunication resulted in misdiagnoses, the book exposes how training physicians to zero in on the “chief complaint” triggers rigid diagnostic pathways that often miss the mark. To remedy this, Wen and Kosowsky prescribe “8 Pillars to Better Diagnosis” for patients and physicians.

Researching and writing the book changed the way she views and practices medicine, says Wen, who is now director of patient-centered-care research in George Washington University’s Department of Emergency Medicine.

“I loved conducting the interviews. I was able to talk to people — not patients, but people — about their health-care experiences. I sought different information than I would have as their doctor and learned more.”

Squeezing in time while working odd ER hours to write the book was “cathartic,” Wen says. “The process changed how I view medicine and how I provide medical care.”

Exposing a WWII secret operation

In a tale of daring and secrecy that will surprise historians and the average World War II buff, Robert Switky, AB ’04 (French and international development), explores a little-known operation that may have changed the course of the war.

In Wealth of an Empire: The Treasure Shipments That Saved Britain and the World (Potomac Books, 2013), Switky researched national archives, museums and libraries on both sides of the Atlantic to document how the British secretly transferred virtually all its gold and dollar-based financial securities to the United States and Canada across the perilous waters of the North Atlantic.

“The operation was so secret that most of the principal decision-makers — including the prolific Winston Churchill — wrote very little about it either in their memoirs or in their official capacities,” Switky says. “To this day, most World War II history books say nothing at all about the treasure shipments.”

Switky, PhD, who teaches political science at Sonoma State University in California, has previously written articles and co-authored books aimed at academic audiences. But with Wealth of an Empire, he needed to adjust his approach to writing. “Academic publications usually receive praise only for their research findings and their intellectual impact, not their prose,” Switky says. “I realized that I had to retool my writing style for a book designed for the general public.”

Switky hopes his book will hold wide appeal, as it tells many stories in one. “The pivotal events take place on the high seas and in the boardrooms of central banks,” he says. “It’s a political story about American isolationists and British appeasers. And, it’s a diplomatic story of a fragile but defiant Britain, its valuable Canadian military and political supporters, and its reluctant American ally.”

For additional information, visit the website https://www.sonoma.edu/users/s/switky/.

“The operation was so secret that most of the principal decision-makers ... wrote very little about it either in their memoirs or in their official capacities. To this day, most World War II history books say nothing at all about the treasure shipments.”

ROBERT SWITKY
SEAN B. CARROLL, PHD, AB '79

Reaching beyond disciplinary boundaries

Sean B. Carroll, PhD, AB '79 (biology), was an award-winning, internationally recognized biologist and author of five books on genetics and evolution. Yet, he decided to spend two-and-a-half years writing a book centered on World War II history, the French Resistance, and the friendship between two Nobel Prize winners, writer-philosopher Albert Camus and biologist Jacques Monod. This was a seemingly risky stretch for a scientist — which now looks like a smart career move.

Brave Genius: A Scientist, a Philosopher and Their Daring Adventures from the French Resistance to the Nobel Prize (Crown Publishers, 2013) has not only garnered widespread critical acclaim, it has changed the man who wrote it.

“There were two great rewards in writing the book,” says Carroll, who leads the Department of Science Education at the Howard Hughes Medical Institute and is the Allan Wilson Professor of Molecular Biology and Genetics at the University of Wisconsin. “The foremost being the internal reward of the creative challenge, wrestling with my own thoughts and trying to tell a good story.”

He seems to have succeeded. Brave Genius has been described as “gripping,” “suspenseful” and “masterful” by, respectively, the Washington Post, New York Times and Nature.

His second reward came via his research, traveling not only to France but also back in time.

“I was astounded that I got the opportunity to meet family members, some of the characters connected to the story, people who are still living, such as Monod’s assistant in the Resistance, Geneviève Noufflard, who is 93, and Agnès Ullman, who was my connection to many people around Paris.

“To meet these people,” Carroll says, “to be welcomed into their homes, to be trusted with their stories — which may have still been difficult for them to tell, stressful even after so many years, and being told for the first time…”

For once, words fail him.

SCOTT WITHOFT, BSCE '99

Making space work creatively

Getting more sleep, says Scott Withoft, BSCE '99, was a prime motivator in his writing Make Space: How to Set the Stage for Creative Collaboration (Wiley, 2012) with co-author Scott Doorley.

“Make Space is an effort to extend our reach in designing collaborative spaces at the Stanford d.school” — the university’s Institute of Design, where Withoft is co-director of the Environments Collaborative. “The book has been one way to increase the supply of help based on burgeoning demand.”

Withoft says the book can help classroom teachers, office managers, baristas and others take control of their workspaces to affect behaviors. “We’ve designed an experience to help people change the way their cultures work, share, learn and teach. Anyone who has any interest at all in designing better ways to work and create with people, might find something interesting or challenging within Make Space.”

Employing ample illustrations and a modular structure, the book is a compendium of tools, situations, space studies and insights designed to spark creativity and collaboration.

“An architect or a facilities crew may be likely governors of space,” Withoft says, “but our observations suggest that really cool opportunities are percolating where people at all levels of work are taking control of space as a tool for change.”

Likewise, in writing the book, Withoft worked to create a practical, user-friendly tool that actually got used. “Many people sit down and read Make Space front to back. Most don’t,” he says. “The goal of keeping the book off the shelf required personal engagement and interaction totally outside the page. We get stories all the time from people who have flipped open the book, read something, and then applied that in a totally different context. Brilliant!”
Chronicling a miracle season

In *On These Courts: A Miracle Season That Changed a City, a Once-Future Star, and a Team Forever* (Touchstone/Simon & Schuster, 2013), Wayne Drash tells how a wealthy former NBA star, Penny Hardaway, returned to his poverty-stricken Memphis neighborhood to coach middle school basketball — and change lives.

"On These Courts demonstrates the power of social change and that good can be done when a leader steps up, takes a stand in a gang-ridden community, and shows at-risk youth a different path," says Drash, AB '94 (English and American literature), a CNN.com senior producer.

Once the face of Nike, Hardaway, who had his career shortened by injuries, continued to support programs in his old neighborhood. However, he saw that people there needed his time more than his money.

"With Penny's leadership, the kids' grades went up, neighborhood gangs struck a truce, and his team ultimately won the state championship in dramatic fashion — Penny's first-ever championship," Drash says.

"On These Courts is really about the importance of being a positive role model. No matter what our career may be, there is always the 'after-career,' where you can use what you know and what you love and start to give back," he continues.

For Drash, whose online writing is read daily by millions, writing and publishing *On These Courts*, his first book, has been an emotional roller coaster. "I go from those astronomical numbers to selling a few thousand copies of my book. That resulted in extreme highs and lows of being an author," he says. “But I wouldn’t trade it for anything. I accomplished a goal that I made as a freshman at Washington University — that I would write a book one day.”

Grappling with social change

As a child, Elizabeth Graver invented an imaginary world. She and her best friend created a (high-drama) farm family with an entire cast of characters, including two doll daughters.

"Then, I turned thirteen, and playing with dolls became something to hide. I felt a real loss at that stage," says Graver, MFA '90. "At first, writing was a sort of replacement, a way to enter a dream world where anything could happen. Then I started to write more regularly, to need to do it for my happiness and sanity. As an adult, I marvel that my work still contains so much play."

Graver's critically acclaimed work includes four novels, with the latest, *The End of the Point* (HarperCollins, 2013), long-listed for the 2013 National Book Award for Fiction.

The book's setting is Ashaunt Point, a sliver of land jutting into Buzzards Bay, Mass., and summer home to generations of the Porter family. Beginning with the upheaval brought by the U.S. Army's arrival to the Point in 1942 and continuing through the Vietnam War and beyond, Graver's protagonists discover that even Ashaunt, a place out of time, cannot escape the seismic cultural changes of the 20th century.

The significance of place is not lost on Graver as it relates to her own life. She says Washington U., where she had “the amazing good fortune” to study with such professors as Stanley Elkin, Deborah Eisenberg, Angela Carter and Alain Robbe-Grillet, was pivotal to the early days of her career.

"I’ve been very lucky," she says. She found her literary agent after publishing her very first story. She has worked with the same editor for all four of her novels. And since 1993, she has taught literature and creative writing at Boston College.

"I write literary fiction. I want to make art, rather than produce for the marketplace," Graver says. “The continuity I’ve had with my agent, my editor and my job allows me (perhaps paradoxically) to take greater risks with my books.”

FOR MORE, VISIT magazine.wustl.edu.
"I was just hoping that the book would sell ... People don't really believe me when I say that, but there are a lot of good writers whose books haven't sold. The publishing industry is tough."

ANTON DISCLAFAHNI

**Coming of age in a boarding school**

For Anton Disclafani, MFA '06, two of her favorite hobbies — ones that help recharge her writing — are riding horses and reading.

It's no accident, then, that in Disclafani's first novel, *The Yonahlossee Riding Camp for Girls* (Riverhead Books/Penguin Group, 2013), horseback riding features prominently in the story's narrative. For the story's young heroine, riding horses provides her with a sense of well-being and of belonging, and provides her a lifeline as she leaves an idyllic world where she's an isolated insider for another where she's a total stranger to the place's customs and its people.

Set in the 1930s, in the midst of the Great Depression, Disclafani's novel tells the story of a strong-willed 15-year-old, Thea Atwell. Thea has been cast away from her Florida home on a citrus farm, where she and her twin brother roamed freely, to an equestrienne boarding school in the Blue Ridge Mountains. According to the publisher, "As Thea grapples with her responsibility for the events of the past year ... she must navigate the politics and competition of friendship as well as her own sexual awakening ... her experience will change her sense of what is possible for herself, her family, and her country."

For Disclafani herself, a writer-in-residence at Washington University, her world and the sense of what's possible has definitely changed over the past year. Her first novel was published after a reported seven-figure publisher bidding war, which included foreign rights in 12 countries. Further, *The New York Times* best-seller found itself on scores of "must-read" summer book lists, including *The Hollywood Reporter, Entertainment Weekly, The Wall Street Journal* and *Publishers Weekly*.

"I was just hoping that the book would sell," she says. "People don't really believe me when I say that, but there are a lot of good writers whose books haven't sold. The publishing industry is tough."

**Examining late capitalism and greed**

Teddy Wayne's first novel did not get published. An excerpt from it, though, helped him get admitted to Washington University's MFA Program.

Halfway through the first year of graduate school, he started writing *Kapitol*, which his agent tried but failed to sell during Wayne's third year. Close to giving up on it, Wayne got some good advice, revised the book, and then sold it in 2008. "If it had not been published, I probably would have looked into alternative careers," Wayne says.

Yet, work out it did. For *Kapitol* (Harper Perennial, 2010) — hailed by the *Boston Globe* as "one of the best novels of [this] generation" — Wayne was awarded the 2011 Whiting Writers' Award and was a runner-up for the 2011 Pen/Robert W. Bingham Prize, among a spate of other awards.

In the novel, Wayne tells the story of Karim Issar, a young Qatari computer programmer relocated to Wall Street, and his struggle with morality and profit.

In 2013, Wayne followed up with *The Love Song of Jonny Valentine* (Free Press, 2013), about an 11-year-old pop music megastar. In *The New York Times*, Michiko Kakutani wrote that it's "more than a scabrous sendup of American celebrity culture; it's also a poignant portrait of one young artist's coming of age."

"Both books are about late capitalism, *Kapitol* in more overt ways with the world of finance," Wayne says. "Then *The Love Song of Jonny Valentine* is about the pop culture world, which is heavily built around commerce and as a series of products rather than objects of art. The artists themselves are more like employees on an assembly line than they are individuals separated from the production."

In writing both novels, Wayne drew on his decade-long, intimate experience in journalism and satirical writing. "A lot of Jonny's observations of the music industry are applicable even to how publishing works," he says.

FOR MORE, VISIT magazine.wustl.edu.
Fantasizing of scholarly dragons

A “laboratory for thought experiments” — that’s how Rachel Hartman, AB ’94 (comparative literature), describes fantasy literature.

In her debut novel, Seraphina (Random House, 2012), Hartman creates the kingdom of Goredd, where dragons and humans have endured peace for four decades, but have mistrusted one another for all time. In this medieval-esque world, dragons fold themselves into human form and, with superior logical reasoning, serve society as scholars and teachers. Humans, forever struggling with their complex emotions, often act colder than their reptilian counterparts.

At the story’s center, a young female protagonist, Seraphina, tries to bridge the two worlds through music, even as political intrigue and murder threaten to blow up the peace. She hides a secret, however, that could further inflame the smoldering situation.

According to Hartman, author Terry Pratchett, of the Discworld series, opened her eyes to what fantasy could do. “It doesn’t have to be escapist fluff,” she says. “Fantasy can encompass any issue; it’s especially good for subjects considered difficult or controversial in other arenas: racism, sexism, religion, politics.”

Hartman apparently learned well from Pratchett, because she was recognized with the 2013 William C. Morris Debut Award, which celebrates an unpublished author who has made a strong literary debut in writing for young adult readers.

The Morris Award, one of many Seraphina garnered, seemed anything but likely for Hartman a few years ago. “It took me nine years to get Seraphina published, but I had some bad luck,” she says, “an editor quit, and I changed publishers mid-book.”

Revising a sequel now (she is under contract for two), Hartman says writing the second book has been more difficult in some ways.

“Now, I am conscious of having thousands of readers I can disappoint. [Yet] I am finally getting back to loving the work for its own sake,” she says. “It is crucially important to love the process; nothing else is guaranteed in this business.”

RACHEL HARTMAN

"Now, I am conscious of having thousands of readers I can disappoint. [Yet] I am finally getting back to loving the work for its own sake ... nothing else is guaranteed in this business.”

RACHEL HARTMAN

WEB EXTRA: Visit magazine.wustl.edu for interviews with recent first-time novelists Sarah Bruni and Eric Lundgren.

ERIC LUNDGREN, MFA ’07, on publishing: “The Facades almost ended up in a drawer. So I learned, on the one hand, that it is very tough to sell a weird, idiosyncratic book like this. On the other hand, I found that things can turn around really quickly.”

SARAH BRUNI, MFA ’07, on likes and dislikes of writing: “The best part ... is the opportunity that it allows you to spend time in interior worlds of your own creation. The worst part is that the more time you spend in those interior worlds, the less time you spend in this one.”
Shared Experiences
Create Lifetime Bond

A message from Alumni Board of Governors Executive Chair
Don Jubel, BS '73

As alumni, we all have our own Washington University stories — shared experiences and memories that last a lifetime. However, our stories don’t end when we graduate.

Many of you had a professor who changed your life. Some of you made dear friends who have been with you through all of life’s milestones. Many of you are looking forward to returning to campus to celebrate your Reunion this year. In many ways, the community we all valued as students is still there for us as alumni.

As the governing body for the Alumni Association, the Alumni Board of Governors (ABG) strives to strengthen the relationship between alumni and the university. As executive chair, I represent the interests of alumni on the Board of Trustees, and the entire committee works closely with university staff and other alumni volunteers throughout the year to provide tangible benefits to all alumni.

For example, alumni and students alike have long recognized the power of LinkedIn as a business networking tool. In 2012–13, the ABG focused on building awareness of the Alumni Association’s LinkedIn group, and as a result, membership in the group increased an impressive 24 percent.

Another new offering developed by the ABG in collaboration with the university’s Career Center is a series called Summer Meet-Ups. These small networking dinners, held in Chicago, New York, Washington, D.C., and San Jose last summer, were well-received, and we plan to expand the series in 2014.

Perhaps the best occasion for meeting with old and new Wash. U. friends is Reunion, and the ABG has helped design Reunion to appeal to as many undergraduate alumni as possible. Based on results of a 2010 ABG taskforce, the 1st through 45th Reunion classes now celebrate during Thurtene Carnival weekend, a move that has thrilled many and increased attendance overall.

Regardless of how different our individual Washington University stories may be, we are all bound together as one proud community of alumni with a shared love of our great university. The ABG seeks to help strengthen those bonds — both with the university we remember from yesterday and the university that serves the students of today.

Sincerely,
Donald A. Jubel
Don Jubel, BS '73
Executive Chair,
Alumni Board of Governors

Alumni Board of Governors

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LOOKING FOR A WAY TO GET INVOLVED?

Learn about five alumni and parent volunteers and how they stay connected with the university.

Alumni Board of Governors (ABG)

In conjunction with Alumni & Development staff and university leaders, the Alumni Board of Governors is charged with the responsibility of carrying out the programs of the Alumni Association.

John Altmix, BS '94, MBA '94

Altmix has been an involved alumnus since graduation, beginning with his senior class gift in 1994. He and his wife, Diane, MBA '93, have been active with the Cincinnati WU Club since 1997, and he has served on the Engineering Alumni Advisory Council since 2010.

Altmix has increased his involvement with the university over the years, and last fall he joined the Alumni Board of Governors. The opportunity came at the right time, since he had been looking for the best way to become more involved.

"There are few things that have had more of an impact on our lives than our education," he says. "It is extremely important to me and my wife to stay connected to Wash. U. and give back to the institution that allowed us to reach this place in our lives."

Altmix offers advice for other enthusiastic volunteers: "Try not to spread yourself too thin,"
he says. “It’s important to recognize when you need to say ‘no’ in order to give your best to the opportunities that are most important to you.”

**Reunion**

Volunteers are the key to a successful Reunion. By reaching out to friends and encouraging them to attend Reunion, volunteers help ensure classmates return to campus for an incredible celebration.

**Khara Washington, AB ’99, JD ’03**

Washington served as an executive chair for her 10th Reunion in 2009, and when she received a call this year about volunteering for her 15th Reunion, she did not hesitate. A lawyer living in the Chicago suburb of Elgin, Washington has always prioritized giving back to the university. “My policy has always been, if Wash. U. needs it, I’m going to try to do it,” she says.

Whether she is working on a letter to build enthusiasm for her Reunion Class Gift or reaching out to classmates to ask them to “save the date” for Reunion weekend, Washington loves being involved. Washington feels her intense extracurricular involvement as an undergraduate suits this volunteer role perfectly. “As an undergrad, I think I had friends in nearly every school and program,” she laughs, “and we want everyone to return for Reunion!”

**Washington University Clubs (WU Clubs)**

Washington University Clubs — 28 in cities throughout the U.S. — seek to establish and maintain a meaningful connection with alumni, parents and friends of Washington University through social, cultural and educational events.

**Shirley Juster, AB ’69**

Juster has served as program chair of the San Francisco WU Club for seven years and chair for the last 16 years. Her long-time leadership has provided stability for the popular Bay Area club, but she is thrilled to report that young alumni are bringing their fresh perspectives and new ideas to the group.

With nearly 5,000 WUSTL alumni, parents and friends in the Bay Area, Juster tries to make sure the club offers something that appeals to everyone. Some events are purely social, such as the annual Giants vs. Cardinals baseball game. Other outings — such as a faculty-led Eliot Seminar Series event or an architectural walking tour — are meant to educate and inspire.

“When there is something new in the Bay Area, I try to make sure our group has an opportunity to learn about it,” Juster says. “That’s one way we stay educated and informed about our community.”

**Alumni and Parents Admission Program**

The Alumni and Parents Admission Program (APAP) is a group of dedicated Washington University undergraduate alumni and parents who assist with the undergraduate admissions process. There are currently 71 APAP committees worldwide.

**Bob Frachtman, MD, and Sherrie Frachtman**

Bob and Sherrie Frachtman of Austin, Texas, have been involved with the university since 2003, when their oldest child, Julian, enrolled as a freshman. Their daughter, Adrienne, will graduate in 2014. As APAP volunteers, the Frachtmans have hosted summer send-off parties for first-year students, staffed the Wash. U. table at college fairs, and entertained nervous parents during interview days.

Bob and Sherrie are also listed on a “Parent’s Resource List” for parents with questions or concerns. Bob remembers one anxious mother who called to discuss her pre-med student’s grades. “I think just having the opportunity to talk to another parent helped her put things in perspective,” he recalls.

Sherrie feels that APAP has provided a wonderful way to become involved with her children’s college experiences, from a distance. “We’ve really enjoyed having the opportunity to meet other students and families in our area, and it feels good to be a resource for them,” she says.

Visit alumni.wustl.edu to find out how to get involved, or contact the Alumni Association at alumniassociation@wustl.edu, or call (314) 935-7378 or (800) 867-ALUM (toll-free).
We want to hear about recent promotions, honors, appointments, travels, marriages (please report marriages after the fact) and births, so we can keep your classmates informed about important changes in your lives. Entries may take up to three issues after submission to appear in the Magazine; they are published in the order in which they are received.

Please send news to:
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Fax 314-935-8533 Email wustlmagclassnotes@wustl.edu
Washington Magazine publishes Classnotes in the February, June and October print and online issues at magazine.wustl.edu.

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UC University College

40s

Anne R. Dick, LA 47, published a book of poetry, Penelope of the Mind. She also wrote a book detailing her life with her husband, The Search for Philip K. Dick, the acclaimed science fiction writer whose work inspired movies such as Blade Runner, Total Recall and A Scanner Darkly.

50s

Ben Hilliker, BU 59, CEO of Hilliker Corp., commercial realtors, has authored the children's book The Tale of Willy Willys.

60s

John Gianoulakis, LA 60, received the Civil Liberties Award from the American Civil Liberties Union (ACLU) of Eastern Missouri for his "long-standing record of commitment to civil liberties issues" and for his 10-plus years as a general counsel to the ACLU. He has also been included in Best Lawyers in America for 2013, and Super Lawyers listed him in the top 50 in the St. Louis area for business litigation. Richard T. Sells, BU 61, was the founder and driving force behind Service Corp. International's traveling Vietnam Veterans Wall Memorial replica, a three-quarter-size version of the memorial in Washington, D.C. The sponsor of the traveling wall was misidentified in the October 2013 Washington Magazine.

Linda Kanagawa, LA 63, married Curt Brandhorst on April 20, 2013, at their home in Columbia, Mo.

Fred Abrams, LA 65, along with his wife, Jeri, has written a book on dealing with the death of a spouse and rebuilding one's life thereafter. The book, Thanks for the Dance: Transforming Grief Into Gratitude When Your Spouse Dies, offers practical advice learned after their spouses died in 2004 and they met in hospice grief support.

Diana Burchfield, FA 65, traveled to Grasse, France, on an artist-exchange program. An exhibit of the resulting work was held in Valbonne, France. Burchfield also had an exhibit sponsored by the Annual International Juried Pennsylvania Watercolor Society Oct. 5—Nov. 16, 2013.

Emil Heller Henning, AR 67, GA 74, provided architectural services for a bicycle-oriented mixed-use project that received the Greenville (S.C.) Association of Realtors' Commercial Revitalization Award for 2012. He also published Ezekiel's Temple: A Scriptural Framework Illustrating the Covenant of Grace, his illustrated analysis as both architect and Bible student.

Robert J. Matlock, BU 68, was elected as a member of the board of directors of the Collin County (Texas) Bar Association.

Max W. Reams, GR 68, chair of the Department of Chemistry and Geosciences at Olivet Nazarene University, published Geology of Illinois State Parks: A Guide to the Physical Side of 28 Must-See Wonders of Illinois. The book focuses on providing the background to understand the origins of the natural features in parks.

Aaron M. Shatzman, LA 68, released his second book, The Old World, the New World, and the Creation of the Modern World, 1400–1650: An Interpretive History. The book looks at the early years of discovery and colonization of the Americas, and at the impact of this period on the historical development of both the New World and the Old World.

William F. Stedhoff, UC 68, SW 73, director of St. Louis' Department of Human Services, received the 2013 Legacy Award from Shalom House for his guidance and leadership in addressing the needs of homeless people in St. Louis. Also in 2013, the city's BEACH Project, a rapid re-housing program, was featured at the Next Practices Colloquy at Harvard University.

Rubén G. Rumbaut, LA 69, was elected to the National Academy of Education. He is a professor of sociology at the University of California, Irvine.

70s

Ronald T. Barnes, BU 71, president and vice chairman of Midwest BankCentre, will work on the bank's special initiatives, including community development efforts and the pursuit of bank acquisitions, while sustaining his involvement in several nonprofits. Under his leadership, the bank has expanded its presence in underserved neighborhoods in north St. Louis County.

George Tibbits, LA 72, has retired after a 38-year career as a reporter, writer and editor for The Associated Press. He and his wife, Angelina DiChellis, live in Seattle.

Warren L. Danziger, LA 73, GR 79, and Sharon Rotter Danziger, LA 72, GR 76, and their children, Jodi and Jeremy, have incorporated to purchase Presidential Limousines, serving the metropolitan St. Louis area.

Carol Weisman, SW 73, of Board Builders, has been named the Nonprofit Professional of the Year by the Community Service Public Relations Council. Weisman has dedicated the past 19 years to helping board members embrace fundraising.

John W. Davis, LA 74, a retired intelligence officer, published Rainy Street Stories, his reflections on espionage, terrorism and secret wars. He is married to Jane H. (Tedrick) Davis, LA 75, and has three grown sons, Marty, Will and Kenny.

44 magazine.wustl.edu
PROFILE

Alice Ndikumana, BSBME ’11

Engineering Skills in a Health-Care World

When Alice Ndikumana, BSBME ’11, was a biomedical engineering major, researching cardiac arrhythmia in the laboratory, she assumed she would pursue a PhD and launch a research career. Instead, she discovered a passion for business operations during a summer internship between her junior and senior years.

On the factory floor at cosmetic maker L’Oréal, she came to appreciate the thrill of immediate impact. “When you’re in a lab, you study things for a really long time,” says Ndikumana, who minored in applied microeconomics. “In the manufacturing plant, we actually produced something every day.”

When school resumed, recruiters from the management consulting industry made their annual campus appearance to talk to the campus chapter of the National Society of Black Engineers, for which she served as president. On the heels of her L’Oréal experience in business operations, a consulting career began to make a lot of sense. Before her senior year was half over, she had accepted a position with Deloitte Consulting in Chicago to begin right after graduation.

Today, Ndikumana, a technology consultant at Deloitte focusing on health care, finds herself on the front lines of one of the most hotly contested policy debates in U.S. history: health-care reform under the Affordable Care Act. “I never thought I’d get so close to the action,” says Ndikumana, who was born in the central African nation of Burundi and grew up in Amherst, Mass.

Ndikumana is the daughter of two Wash. U. alumni. Her mother, Gaudence, earned a master’s degree in social work from the Brown School. Her father, Léonce, a professor of economics at the University of Massachusetts in Amherst and a member of the U.N. Committee for Development Policy, earned his PhD at the university.

Ndikumana, who chose Chicago because of its proximity to many of her friends, advises health-insurance companies on how to implement technology to meet the mandates of the Affordable Care Act, such as the creation of health-insurance exchanges and the standardization of administrative transactions. There are also fundamental changes in how insurers issue policies, since they can no longer turn down applicants with pre-existing conditions, and in the rating factors they use to set premiums, she explains.

The thrill of immediate impact hooked Alice Ndikumana on a career in business operations.

“As you can imagine, these types of things would have a significant impact on the process of creating a new product, the process of calculating the rates, their process for how they interact with providers to pay bills,” Ndikumana says. “All of these process changes require changes to their underlying technology. What management consultants do is help to manage that process.”

Working on health-care reform has been an eye-opening experience for the 24-year-old. “I don’t think I understood how extensive the ACA was. There are a lot of moving pieces, which makes it very exciting. I watch the news and it’s really relevant [to my work],” Ndikumana says.

Ndikumana hopes to continue developing her knowledge of the health-care industry at Deloitte — and beyond. After working in consulting for a few more years, she plans to return to school for a graduate degree in business administration or public health. What she does know for sure: She wants to stay in the health-care policy field. “I want to eventually start to learn how we can make changes to impact the overall wellness of our population,” she says. “I like things that are complex, and there are a lot of very interesting problems with health care today. I want to be involved someday in helping to fix them.”

While her present role may seem a far cry from both her engineering education and her laboratory experience, her training has been a big help so far in her job as a consultant. “With an engineering degree, especially from Wash. U., you learn how to think analytically to solve a problem,” Ndikumana says.

— Robin Schatz
fields since graduation. His work has taken him to various parts of the world, including living in Australia for two years. He is currently a project manager working on portions of the Onondaga Lake Cleanup in Syracuse, N.Y. This is currently the largest lake remediation/restoration project in the United States.

Bruce E. Friedman, LA 78, a principal with the St. Louis law firm of Paule, Camazone & Blumenthal PC has been selected for inclusion in the 20th edition of The Best Lawyers in America in the practice area of Family Law. In addition, Friedman has been named the 2014 St. Louis Family Lawyering Lawyer of the Year. Only one lawyer in each practice area in each community is honored as a lawyer of the year.

Clifford Shapiro, LA 78, a partner in Barnes & Thornburg LLP's Chicago office, has been elected as an inaugural member of the American College of Distinguished and Extracontractual Counsel. Its mission is to educate all sectors involved in insurance disputes on critical topics such as best practices in policy formation and claims handling.

Francis Martinez, LA 79, practices criminal and juvenile law in Rockford, Ill.

Alexander S. Douglas, LA 86, a partner with ShuffieldLowman, has been named co-chair of the Orange County (Florida) Bar Association's Estates, Trusts & Guardianship Committee. He has practiced law for more than 23 years in a variety of areas of litigation, including commercial, business, probate and trust, fiduciary and contested guardianship cases.

Thomas Duncan, LA 86, has built a startup education company in the tech sector, Mobile Makers Academy.

Keith B. Churchwell, MD 87, has been named to the American Heart Association's Greater Southeast Affiliate Board of Directors for the 2013–14 fiscal year. He is an associate professor of medicine and radiology and the executive director and chief medical officer for the Vanderbilt Heart and Vascular Institute in Nashville.

Paul Eykamp, LA 87, LA 87, is the lead data scientist at AAA of Northern California, Nevada and Utah, modeling member behavior for strategic planning. He and his wife, Stephanie Jensen, and two children, Tyler, 5, and Maggie, 4, visited New Zealand this past year.

Michael Robb, LA 88, played guitar and sang vocals for a student band, Diamond Lion, from 1985-88 with bandmates John Brill, EN 89 (bass, vocals); Jonathan Hoffschneider, AR 88 (keyboards, vocals); and Rick Tomlinson, EN 89 (drums). The band won first prize at the Washington University battle of the bands contest. They are now in various fields, including farming, architecture, engineering and medicine. Music and their respective instruments still play a significant part in their lives.

Alfred Edmonston, TI 89, TI 89, retired from Boeing in Mesa, Ariz., after 30 years.

Bradley S. Gould, LA 89, an attorney at GrayRobinson PA, has been recognized on the 2014 Best Lawyers in America outstanding attorneys list.

Jeff Tremaine, FA 89, a film and television writer, director and producer, was featured in Variety's annual Comedy Impact Report.

Mark Cannon, LA 90, was named senior vice president and chief financial officer for the Lutheran Church-Missouri Synod Foundation in Kirkwood, Mo. He lives in St. Louis with his wife, Cristyn, and their three children.

Lisa Ottolini, LW 90, SW 01, an attorney, has joined Husch Blackwell on its government compliance and investigations team. Most recently, she practiced with the Ashcroft Law Firm. Earlier in her career, was in private practice; served as a psychotherapist with Lutheran Family and Children Services of Missouri; and served as director of external affairs for Washington University School of Law.

Mark W. Davis, EN 92, is assistant professor in the Department of Public Policy and Administration at West Chester University of Pennsylvania. He teaches in the Masters of Public Administration program starting this fall and is completing his PhD in public affairs from the University of Colorado, Denver.

Keyur Desai, EN 92, EN 92, founded and runs the industry consulting group at Informatica Corp., a global consultancy that helps Fortune 500 executives understand how timely data can play a role in attaining their business goals.

Jara (Landon) Negrin, LA 92, is busy managing the career of her daughter, Hayley Faith Negrin, 10. Hayley is the voice of Peg in the new PBS series Peg + Cat.

Samuel Dagogo-Jack, HS 93, professor of medicine and director of the Division of Endocrinology,
Diabetes and Metabolism at the University of Tennessee Health Science Center, has been selected as the Internal Medicine Section Physician of the Year by the National Medical Association. He was honored for his work and research in the pathobiology of prediabetes and diabetes.

Matthew Kahn, BU 93, is the chief marketing officer of Restorsea, an anti-aging skincare startup in New York City. Previously, he was vice president of marketing of portfolio brands for Heineken USA.

Andrew G. McCabe, LW 93, has been named executive assistant director of the FBI's National Security Branch. He most recently served as the assistant director of the Counterterrorism Division. McCabe began his career as a special agent with the FBI in 1996 and first reported to the New York Division, where he investigated a variety of organized crime matters.

Anthony Thompson, GF 93, a professor and director of the School of Communications at Grand Valley State University, exhibited his photographs in the Weitman Gallery of the Sam Fox School of Design & Visual Arts. Incendiary Iconography: Photographs of the Former Rocky Flats Nuclear Weapons Plant and Related Waste Disposal Sites 2000–07 featured documentary photographs and writing produced by A.W. Thompson during the demolition of the facility outside of Denver.

Ann Bauer, LW 94, Cynthia Garnholz, LW 80, and Cynthia Albin, LW 95, have formed a new firm, the Center for Family Law. All three have practiced together since 2009, previously as Bauer Soule Garnholz Albin. The Center for Family Law focuses on a broad range of family law matters, including divorce, child custody, adoption, estate planning, probate and small-business matters.

Judy Zisk Lincoff, SW 94, an adjunct professor in the Brown

![Todd Price has the most delicious job in New Orleans, as dining writer for The Times-Picayune.](image)

In 2004, Price and his wife moved to New Orleans. He became a full-time lecturer in Spanish literature at Tulane University, and the couple settled in to their new home. But it seems New Orleans had other plans for Price. He began freelancing for Gambit Weekly, and after six months they made him the official restaurant critic. He joined the Times-Picayune part time in 2008 and left academia for his present full-time writing job in summer 2013.

Price eats out four or five times a week, so at home, where he does all the cooking for his wife and two children, he tries to keep it simple. A typical dinner, he says, is fish — whatever is fresh at the market — sautéed with vegetables and rice. When they do go out, though, the family has a favorite restaurant. "On birthdays or special occasions, we always end up at Upperline," Price says. "It's not just the food. The walls are a gallery of regional art, the owner is a real character, and the restaurant is welcoming and comfortable."

But when asked where he would eat his last meal, Price changes restaurants. "It would be at Casamento's on Magazine Street," he says. "It would have to include oysters — raw and fried. Also fresh-cut french fries."

Price, still slim at 40, says he tries to eat light, even in restaurants, but you can't do his job without really liking food.

"I'll try anything, and I haven't found much that I don't like," he says. "If you're picky, though, you shouldn't be writing about food. I've never been picky." — Robert S. Benchley
School at Washington University for 12 years, and her daughter, **Kate (Lincoff) Lewis**, LW `10, ran in the New York City Marathon together for the fifth time.

**Cynthia Albin**, LW `95, **Ann Bauer**, LW `94, and **Cynthia Garnholz**, LW `80, have formed a new firm, the Center for Family Law. All three have practiced together since 2009, previously as Bauer Soule Garnholz Albin. The Center for Family Law focuses on a broad range of family law matters, including divorce, child custody, adoption, estate planning, probate and small-business matters.

**Renee Gentry**, LW `95, was voted president of the Vaccine Injured Petitioners Bar Association and was appointed adjunct professor at George Washington University Law School.

**Aaron Milstone**, LA `95, is the inaugural recipient of the Caroline Hall Award, given by the Pediatric Infectious Disease Society. Milstone was honored for leading a landmark study, published in *The Lancet*, on reducing bloodstream infections in critically ill children with the use of daily antiseptic baths.

**David Rosenberg**, LA `95, and his wife, Hyla, along with big brother Noam, are proud to announce the birth of Benjamin Sol. David also recently completed an executive MBA program at Temple University.

**Kurt (Roggin) Serrano**, LA `95, and Jimmy Serrano were married on May 18, 2013, at The Plaza in New York City. Washington University alumni in attendance were Cary Goldstein, Eve (Loren) Goldstein, Kenneth Katz, Lyle Casriel, Jodi Swed, Anita Padmanabhan and Greg Roggin. Kurt, Jimmy and their dog, Hudson, recently moved to Boston, where Kurt is now head of human resources for Biogen Idec USA.

**Emily Lynn (Engelland) Bannister**, LA `96, MD `01, married Dave Bannister in Plymouth, Minn., on May 26, 2013. Washington University alumni Jodi Dittrichard Elliott, Jieoma "E.J." Ekunno and Stephen Sukanek were in the wedding party, and many more alumni were in attendance. Emily started a new position as an occupational medicine physician at HealthPartners in St. Paul, Minn., in June 2013.

**Kathryn Amanda Wilson**, LA `96, LA `96, and her family moved to Honolulu.

**Jennifer Sambrook Pitonyak**, OT `97, defended her dissertation, "The Contexts of Life Course Health Development Associated with Exclusive Breastfeeding in the United States," and graduated with a PhD in health policy in May 2013. She is vice chair and assistant professor of occupational therapy at University of the Sciences.

**Tony Creanza**, GB `98, is vice president, relationship manager at TD Bank. His focus is on businesses with revenues up to $500 million in annual revenue. His area has expanded to all five boroughs of New York City and to most industries.

**William Grant**, LW `98, GR `98, was married to Matthew Le Brasseur in Salem, Mass., on May 26, 2013. Grant was made a supervisor in the Office of General Counsel for General Law at the U.S. Department of Energy.

**Emily Muskovitz Sweet**, LA `98, executive director of the Jewish Women's Foundation of Chicago, received the Samuel A. Goldsmith Award from the Jewish Federation of Metropolitan Chicago. The award is given to young professionals who have shown outstanding performance in their work at a Jewish agency in the Chicago area.

**Ben Cannon**, LA `99, has been appointed executive director of the Oregon Higher Education Coordinating Commission by the governor. A Rhodes Scholar, he was previously the governor's education policy adviser and served in the Oregon State House of Representatives (2006–11). He was also a middle school teacher.

**Vikas S. Dhari**, LA `99, is co-founder of Dhari Law LLP in Boston with his brother, Vilas. The firm contributes a substantial portion of the practice to working with local, national and international groups to provide legal assistance to various nonprofit initiatives and to provide other pro bono work. The firm also started a nonprofit incubator, The Next Mile Project, a community of nonprofit organizations, businesses and governmental partners committed to creating solutions to the world's most significant challenges.

**Rachelle Seligmann Gerson**, LA `99, and her family are moving from Atlanta to the Netherlands. She will continue to be a stay-at-home mom to her three children, ages 8, 6 and 4. She and her husband, David, look forward to traveling around Europe during the three years they will live there.

**Philip Sumner**, LA `99, was elected as a shareholder in the Kansas City, Mo., law firm of Poland, Wickens, Eifelstein, Roper & Hofer PC. Previously, he spent six years as an associate attorney at Gallagher & Kennedy PA in Phoenix. His litigation practice will focus in the areas of commercial litigation, product liability and insurance defense.

**Chad West**, BU `99, a criminal defense and serious injury attorney, was invited to join the Higginbotham Inn of Court in Dallas. The Inn's attorneys are committed to fulfilling its mission of professionalism, ethics and civility in the legal community.

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**Joe Dillon**, GB `00, moved from Minneapolis to Danbury, Conn., and was promoted to president of Branson Ultrasonics, Emerson Industrial Automation. He has been with Emerson for 13 years in four different business platforms: corporate, network power, process management and, now, industrial automation.

**Sisi Meng**, GA `00, and her husband, Adrien Villez, welcomed their first child, Emma Qing Villez, in July 2013. The family resides in Pacifica, Calif.

**Hart Passman**, LA `00, and his wife, Allie, welcomed a son, Tyler Kendrick, June 24, 2013. They reside on the north side of Chicago, where Hart is an associate at Holland & Knight LLP specializing in municipal and zoning law. They also have a daughter, Isabelle, 3.

**Heidi Smith**, GB `00, has a new position with Phillips 66 as director of NGLs Origin in Houston.

**Katherine (Kobyliak) Dunlop**, LA `01, and **Jonathan Dunlop**, LA `03, announce the birth of their daughter, Genevieve Elizabeth Dunlop, on July 6, 2013.

**Deepak Srinivasa Gupta**, SI `01, SI `02, has become director of the Applied Research and Innovation Center at Centennial College in Toronto.

**Douglas Harrison**, GR `01, GR `05, has been named associate professor of English and assistant director of the Center for Faculty Innovation at James Madison University. His current book project, *The Gospel Sensibility: Faith, Falsibility, and Feeling and American Sacred Song*, has been recognized with a Kluge Research Fellowship in the Humanities and Social Sciences by the Library of Congress.

**Scott Issen**, BU `01, was named to the second annual "Double Chai in the Chi: 36 Under 36" list of young Jewish movers and shakers in Chicago. The lists spotlights people making a difference through their work, giving back in their free time, and
My name: Judy Meador

Childhood dream: have a career where I can support myself

Favorite WU memory: having coffee and talking with fellow students

Inspiration: my parents, particularly my mother

Proudest moment: Starting my own business

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Judy Meador, MBA '66

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Jennifer Leenis, BU 01, senior manager of brand marketing at Cars.com, received the Davis, Gidwitz and Glasser Young Leadership Award from the Jewish United Fund/Jewish Federation of Metropolitan Chicago. The award honors young volunteers who have demonstrated exemplary dedication and made significant contributions to Chicago’s Jewish community.

Katherine (Michalski) Rist, BU 02, of Foley & Lardner LLP’s Madison office, was named a 2013 “Up & Coming Lawyer” by the Wisconsin Law Journal. She is senior counsel in real estate and finance, and financial institutions practices.

Gabriel Solis, GR 02, published his second book, Thelonious Monk Quartet with John Coltrane at Carnegie Hall. It is a historical, cultural and analytical study of a classic jazz performance.

Brooke (Bagnall) Breit, LA 03, recently starred in The Second City’s A Clown Car Named Desire. She has written for and performed with The Second City in the Touring Company, in the shows One Nation Under 1% and Improv All Stars, and in several revues in Washington, D.C., and Baltimore.

Steve Wohn Chang, LA 03, GM 09, announces the birth of his first son, August Uju Chang, in November 2012. He was appointed assistant professor in the Department of Psychology at Yale University.

Bilal Zaheer, LA 03, a litigation associate in Edwards Wildman’s Chicago office, has been selected for its inaugural “Rate My Pitch” program. The pilot program is a three-evening series that will provide instruction and experiential learning for young associates.

Jeremy Zangara, LA 03, LW 06, and his wife, Betsy (Goldberg) Zangara, LA 03, SW 05, announce the births of Talia Rose Zangara on Aug. 30, 2013, and Leora Sivan Zangara on Aug. 31, 2013. The family resides in Scottsdale, Ariz., where Jeremy is an attorney with Greenberg Traurig and Betsy is an auditor with Deloitte & Touche.

Richard Beck, SI 04, retired from the U.S. Navy (24 years) and Emerson (30 years).

Charles Olson, LA 04, joined his father and brother at Morgan Stanley, providing wealth management advice.

Barika X. Williams, LA 04, policy director for the Association for Neighborhood & Housing Development in New York City, was featured in the opinion section “Room for Debate” of The New York Times. In the article, she discusses how using skilled, mission-driven, nonprofit developers create buildings that are of the greatest benefit for the community and make the best use of the taxpayer investment, including keeping housing permanently affordable.

Lori Chan, BU 05, is managing marketing and public relations activities for Jo Malone London in Singapore and Malaysia.

Meredith Nadler, FA 05, married David Kurnov on Sept. 1, 2013, in Brooklyn, N.Y. Nadler is a marketing manager for Jones Lang LaSalle at Grand Central Terminal.

John R. Schroeder, GB 05, is an attorney at Senniger Powers, an intellectual property law firm. He and his wife welcomed their first child, Jackson, on Oct. 2, 2013.

Joseph Seigle, LA 05, was named to the second annual “Double Chai in the Chi: 36 Under 36” list of young Jewish movers and shakers in Chicago. The list spotlights people making a difference through their work, giving back in their free time, and earning notoriety in the Jewish community and beyond.

Gina (Macchiariol) Thomas, EN 05, designs new light rail and streetcar systems in the United States.

Jeffrey Wurtzel, GB 05, was named to the second annual “Double Chai in the Chi: 36 Under 36” list of young Jewish movers and shakers in Chicago. The list spotlights people making a difference through their work, giving back in their free time, and earning notoriety in the Jewish community and beyond.

Nicole (Solaowetz) Cortés, LA 06, SW 12, SW 12, was named to the “Up & Coming Lawyers” list by Missouri Lawyers Weekly. The list recognizes premier young or new lawyers who are making a difference in the quality of justice. Cortés and Jessica Mayo, LW 12, co-founded the MICA Project, a community organization that works with low-income immigrants to overcome barriers to justice. They currently serve as co-directors, working with clients throughout St. Louis, southern Illinois and southeastern Missouri.

Flora Lerenman, LA 06, received a Teach For America Alumni Award for Excellence in Teaching. The award honors teachers who demonstrate outstanding leadership, embody core values, and exhibit a commitment to educational equity and excellence. She is currently teaching at H.D. Cooke Elementary School in Washington, D.C.

Marc A. Nardone, LA 06, has joined the law firm of Bradley Arant Boult Cummings as an associate in the litigation practice group. Prior to joining the firm, he clerked for Judge Lynne A. Battaglia on the Maryland Court of Appeals.

Leah Marcus, BU 07, graduated from Northwestern University’s MMM program with an MBA from the Kellogg School of Management and a master’s in engineering management from the McCormick School of Engineering. She was awarded the MMM program’s 2013 Design and Innovation Scholar Award.

S. Myers Dill, EN 08, has joined Husch Blackwell’s intellectual property group. He became a licensed patent agent by the U.S. Patent & Trademark Office in July 2013.

Tom Herpel, LA 08, and Abby Hughes-Strange, LA 08, were married on Aug. 3, 2013, in Wilmington, Del.

Jackerin Jeeradit, GB 08, is an associate director in the Asia-Pacific Structured Finance Group and the Asia-Pacific Funds Group at Fitch Ratings. His primary role is the rating of funds, asset managers, and asset-backed and commercial mortgage-backed securitization transactions in Thailand as well as the wider Asia-Pacific region.

David Schwartz, LA 08, GR 09, lives in Chicago and married Miriam Aronin. Schwartz is pursuing a master’s in Jewish professional studies at the Spertus Institute of Learning and Leadership and has founded an independent minyan called Windy City Minyan.

Brent G. Burpee, LW 09, has joined Chad West PLLC. Burpee will focus on federal and state criminal defense and serious injury cases. He and his wife, Cara, recently moved to Dallas.

Jaclyn Vernace, LA 09, and Dylan Alper, LA 09, were married on June 8, 2013.

Zachary Wegmann, EN 09, has joined Armstrong Teasdale as an intellectual property associate. Wegmann’s preparation and prosecution of patent applications practice will focus on a range of technologies, including chemistry, pharmaceuticals, petrochemicals, biofuels and sustainable energy technologies.

Brittany Huhmann, LA 10, earned a master’s in civil and
environmental engineering from the University of Iowa in May 2013. In summer 2013, she was in the Washington, D.C., area as a geo-science policy intern, and in fall 2013 she began work toward a doctorate in civil and environmental engineering at MIT, where her research will focus on arsenic contamination of groundwater in Bangladesh.

Kate (Linoff) Lewis, LW 10, has been named a “Rising Star” in Colorado by Super Lawyers.

Eric Ndichu, SW 10, is a social worker and has recently taken a leadership role as clinical supervisor for a young adult mental health program.

Miguel Davis, BU 11, has been selected to participate in Challenge Detroit, a yearlong program focused on attracting and retaining talent in Detroit to spur revitalization. Challenge Detroit provides the opportunity for tomorrow’s leaders to work at top regional companies, while spending one day a week collaborating with area nonprofits to address regional challenges and opportunities.

Andrew Frangos, EN 11, recently began a teaching fellowship with Math for America in Los Angeles. He is teaching statistics, precalculus and calculus at a underserved school while pursuing a master’s in education through Claremont Graduate University.

Uche A. Enemchukwu, LW 12, GL 13, has joined Husch Blackwell’s tax and employee benefits group. In law school, she served on the executive board and as associate notes editor for the Washington University Jurisprudence Review.

Jessica Mayo, LW 12, was named to the “Up & Coming Lawyers” list by Missouri Lawyers Weekly. The list recognizes premier young or new lawyers who are making a difference in the quality of justice. Mayo and Nicole (Solawetz) Cortês, LA 06, SW 12, SW 12, co-founded the MICA

PROFILE
Annette Lee, MS ’08

Astrophysicist Finds Stories in the Stars

The confluence of astrophysics and art meet in the studio of Annette Lee, MS ’08. An artist-scientist of Native American ancestry, Lee’s interdisciplinary work has reconnected the Dakota and Ojibwe tribes with the star knowledge her forebears have shared for millennia.

Lee’s star maps, published in 2012, detail the constellations depicted in Native American mythology, which connect the stars of the night sky in ways that provide guidance and inspiration.

Her Native Starwatchers Project holds great meaning to the people of the Dakota and Ojibwe tribes, who see the stars as their pathway to the spirit world. For example, the Dakota constellation Blue Woman/Birth Woman — which in Western astronomy is identified as the Big Dipper — is the object of prayer by midwives, as they wish newborns safe entry into the world.

“The Birth Woman is the doorkeeper between two worlds,” says Lee, who lives in Foreston, Minn., with her husband, William, and sons, Noodin, 5, and Sagaigan, 3. “We come from the stars. It is very deep, and very layered.” Her husband, an Ojibwe who speaks the language, has helped collect stories about the stars from tribal elders. Lee’s father is Dakota-Sioux and Chinese, while her mother was French, Irish and Native American.

Lee, an assistant professor of astronomy and physics at St. Cloud State University in St. Cloud, Minn., brings the 36- by-36-inch maps to Minnesota schools, tribal gatherings, and university and community lectures. Her work joins astronomy, art and Native American culture in a project that encourages Indian teens to pursue post-secondary studies in science, and rekindles interest in the ancient stories.

Lee’s work has touched the hearts of students like Jeffrey Tibbetts, Title I project director at Fond du Lac Tribal and Community College in Cloquet, Minn., where Lee taught art, mathematics and astronomy from 2001 to 2005.

“I used to look up and see the Greek constellations, like the Big Dipper, or Leo the lion,” Tibbetts says. “But now I know that there are stars up there that are ours. It does something to me inside, to have that relationship with the stars. It’s like finding a long- lost relative.”

Astrophysicist and artist Annette Lee looks to the sky to reconnect Native American spirituality with the physical world.

Lee’s star maps are the culmination of an academic career that took her down two very different paths — one in science, the other in art. At the University of California, Berkeley, she majored in math while serving as a research assistant in an astrophysics lab.

There, she also delved into her cultural identity. After participating in her first vision quest — a four-day fast during which she asked the spirits for guidance — she decided to seek a second bachelor’s degree, this time in painting, at the University of Illinois in Champaign-Urbana. Her success there emboldened her to seek a master’s in painting at Yale, in one of the nation’s most prestigious art schools.

There, she developed artwork connected to native ceremonies, such as intricately painted flags used for sun dances. But science paid her bills. At Yale, she worked as a research assistant in a geophysics lab and was a teaching assistant in geology.

With her Yale MFA in hand in 2000, she landed a professorship at Fond du Lac Tribal and Community College. While teaching astronomy, Lee realized she wanted to delve far deeper into the science of astrophysics. That led her to WUSTL in 2005, where she was a graduate research fellow in astrophysics in the labs of professors James Buckley (physics) and Katharina Lodders (earth & planetary sciences).

“When I started making the maps, I had the clarity that I was using all the skills I’d attained my entire life,” Lee says. “I’ve gone like a pendulum, back and forth between art and science. And now I’ve reached the pinnacle. I never would have been able to make the maps before now.”

— David McKay Wilson

FEBRUARY 2014 WASHINGTON MAGAZINE 51
Project, a community organization that works with low-income immigrants to overcome barriers to justice. They currently serve as co-directors, working with clients throughout St. Louis, southern Illinois, and southeastern Missouri.

David J. Turner, GA 12, joined Dyer Brown & Associates Architects in Boston as a designer, 3D visualization specialist. Raina Koller, FA 13, is currently a part-time soccer coach for a middle school, Seattle Girls' School. She also volunteers at Fremont Abbey Arts Center, a nonprofit arts organization.

Priyanka Patel, LA 13, is studying for a medical degree. Shuiyi Shang, LA 13, was a recipient of the Alfred Fleishman Diversity Fellowship from FleishmanHillard. The program, part of FleishmanHillard's Diversity Matters initiative, addresses the need for more diversity in the industry and provides young professionals the opportunity to launch their careers.

Tod Stephens, GB 13, LW 13, has joined Stinson Morrison Hecker LLP as an associate in the business division. Prior to entering Washington University, Stephens was a U.S. Army infantry officer, serving on active duty for nearly eight years.

Jordan Weiner, LA 13, is a first-year graduate student in student affairs administration at Michigan State University. He also works as an assistant community director in the residence halls.

Ryan A. Wilson, AR 13, is the first participant in a paid postgraduate internship program at HOK in St. Louis to help develop more African-American architects.

Jennifer A. Timmons Witt, LW 13, has joined Husch Blackwell's corporate group. In law school, she served as managing editor of the Journal of Law & Public Policy.

In Memoriam

1930s

Abraham Y. Schultz, LA 32; Aug. '13 • Lydia (Mueller) Weiland, LA 33, GR 34; Oct. '13 • William S. Schuyler, LA 35; Oct. '13 • Shirley (Jankawitch) Rosenthal, SW 36; Sept. '13 • Estelle (Yawitz) Feldman, SW 38; Nov. '13 • Florence Ollan, LA 38; Jan. '14 • Frank N. Altman, BU 39; Aug. '13 • Ethel (Ellis) Blakse, LA 39; Nov. '13 • Bernard Susman, LA 39, LW 39; Nov. '13

1940s

Mary (Ramsay) Kelley, LA 40; Aug. '13 • Saul D. Silvermintz, LA 40, MD 43; Nov. '13 • Jean (Curry) Davis, LA 41; Oct. '13 • Ernesta (Garner) Mira, NU 41; Aug. '13 • Marvin Wallach, BU 41, DE 52; Sept. '13 • Jane (Maize) Bemis, LA 42; Oct. '13 • Donald F. Essen, EN 43; Sept. '13 • Kenyon C. Hammad, LA 43, GR 51; Sept. '13 • William A. Schmals, LA 43; Aug. '13 • Arthur J. Seewoeste, BU 44; Sept. '13 • Laurian (Taylor) Singleton, UC 43; Sept. '13 • Vincent Michael "Jack" Dempsey, Jr. EN 44, UC 54; Jan. '12 • Martha (Raucheneder) Herbert, FA 44; Nov. '13 • Mildred (Dunbar) Rider, UC 44; Oct. '13 • Charlotte E. Schmidt, UC 44; Nov. '13 • John E. Hayes, BU 45, Aug. '13 • Roger Homb, DE 45; Sept. '13 • Edgar B. Kleban, EN 45; Aug. '13 • Jane McCormon, LA 46; Nov. '13 • Robert A. Asbille, LA 47; Aug. '13 • William Hausman, MD 47; Nov. '13 • John S. Hazleton, BU 47; Oct. '13 • William B. Itten, LA 47, GR 50, GR 53; Nov. '13 • Edward G. Kreyling, BU 47, GB 54; Sept. '13 • Gloria (Kling) Levin, BU 47; Sept. '13 • Harlan Y. Levitt, BU 47; Aug. '13 • Irma (Amoratis) Popovsky, EN 47; Aug. '13 • Joseph D. Hoffmann, EN 48; Oct. '13 • J. Charles Lakinger, LA 48; Oct. '13 • Russell B. Baum, BU 49; Nov. '13 • Charles E. Curtiss, LA 49, MD 53; Oct. '13 • William G. Evans, EN 49; Aug. '13 • Jerome Goldin, LA 49; Nov. '13 • Florence R. Phillips, FA 49; Sept. '13

1950s

Melvin Appelman, EN 50; Nov. '13 • Nicholas H. Arger, BU 50; Aug. '13 • Ben O. Barr, UC 50; Aug. '13 • Edward L. Braibish, EN 50; Nov. '13 • Robert J. Gaddy, LW 50; Aug. '13 • Paul E. Neel, GR 50; Nov. '13 • James W. Shurr, UC 50; Oct. '13 • Jerold L. Axelbaum, EN 51; Sept. '13 • Howard Dartt, BU 51; Oct. '13 • Gregory C. Frese, UC 51; Sept. '13 • Dorothy (Deane) Harper, UC 51; Nov. '13 • Leslie (Mathes) Heisler, LA 51; Oct. '13 • Clement L. "Bud" Hofmann, BU 51; Oct. '13 • Stuart Hollander, BU 51; Nov. '13 • Sidney F. Kahn, MD 51; Nov. '13 • Wayne E. Roberts, MD 51; Aug. '13 • Thomas F. Shanahan, EN 51, LW 59; Sept. '13 • Harry W. Waldheuser, LA 51; Oct. '13 • Mollie (Porporis) Walters, LA 51; Oct. '13 • Robert L. Brooks, GR 52; Aug. '13 • Mary (Snider) Davis, MD 52, HS 73; Sept. '13 • Floyd J. Dickson, DE 52; May '13 • Hyman Eisenberg, EN 52, SI 60; Oct. '13 • Laverne (Kostedt) Henderson, LA 52; Aug. '13 • Donald M. Koch, EN 52; Aug. '13 • Charles Miller, MD 52; Oct. '13 • Mary V. Porterfield, FA 52; Aug. '13 • Robert J. Scott, EN 52; Sept. '13 • Charles T. Berger, AR 53; Sept. '13 • William G. Bruns, EN 53, LW 58; Aug. '13 • Sheldon D. Grand, LA 53, LW 55; Aug. '13 • William G. Heigold, LA 54, GR 56; Nov. '13 • Ursula (Schwaniger) Lamborn, LA 54, GR 59; Sept. '13 • Thelma (Barton) Lowry, UC 54; Aug. '13 • Leatrice (Fine) Novits, OT 54; Oct. '13 • Albert J. Ackfeld, BU 56; Nov. '13 • Alan Elfaamann, EN 56; Oct. '13 • Vernon G. Hornung, GR 56; Sept. '13 • Frank H. Michaels, EN 56; Aug. '13 • David D. Mueller, EN 56; Oct. '13 • W. Dean Robinson, SI 56; Nov. '13 • Charles A. Schaefer, EN 56; Sept. '13 • Carl J. Scherzer, EN 56, SI 65; Aug. '13 • Charles R. Thuer, BU 56; Oct. '13 • Terrence J. Dunree, BU 57; Nov. '13 • Doris (Joedicke) Meltner, GR 57; Sept. '13 • Charles E. Schaefer, LA 57; Sept. '13 • Joseph H. Johnhs, BU 58; Aug. '13 • Willbur K. Kerman, EN 58; Sept. '13 • Thomas F. Lutzengerber, LA 58; Oct. '13 • James S. Bachesta, EN 59; Sept. '13 • James B. Erbe, LA 59; Nov. '13 • Anna (Watts) Gibbins, LA 59; Nov. '13 • David L. McGraw, GR 59; Aug. '13

1960s

Charline (Bader) Baier, LA 60; Nov. '13 • Louise W. Griffin, GR 60; Sept. '13 • Lois (Arkes) Hammer, UC 60; Aug. '13 • Estelle (Goldberg) Kochavi, LA 60; Sept. '13 • John M. Olson, BU 60; Aug. '13 • William H. Posegate, GB 60; Aug. '13 • Hugh W. Fleischer, LA 61; Oct. '13 • Lois (Zeiser) Lamping, UC 61; Aug. '13 • Harry J. Tichacek, LA 61; Aug. '13 • George W. Welker, LA 61; Nov. '13 • Robert A. Horn, AR 62; Aug. '13 • Donald L. Kaiser, EN 62; Sept. '13 • Ruth (Lee) Saunders, LA 62, GR 65; Oct. '13 • Delores (Goldstein) Whyman, UC 62, GR 67; Aug. '13 • Betty (Dickey) Flannigan, LA 63; Aug. '13 • Francis J. Guentner, GR 63; Sept. '13 • Thomas J. Marshall, TI 63; Oct. '13 • Roger L. Stadler, UC 63; Nov. '13 • Michael E. Werner, EN

1970s

Thomas L. Callahan, UC 70; Aug. '13 ● Ann (Bacon) Lee, LA 70; Nov. '13 ● Lawrence A. Runnels, GL 71; Sept. '13 ● William E. Noonan, SI 73; Nov. '13 ● Donald K. Hizer, UC 74; Oct. '13 ● Michael R. Krogue, BU 74; Nov. '13 ● Dale S. Fisher, SW 75; Oct. '13 ● Rodney B. Robinson, GR 76; Oct. '13 ● Reinhold V. Schulz, TI 76; Sept. '13 ● Donald A. Siller, GB 76; Sept. '13 ● Louise DeHart, UC 77, UC 78; Jan. '14 ● Doris J. Fillatruet, GR 77; Aug. '13 ● Suleyman Gulmen, DE 77; Aug. '13 ● Gloria (Johnson) Mansager, GR 78; Aug. '13 ● Thomas A. Merritt, TI 78; Nov. '13 ● Robert H. Frentzel, UC 79, GB 95; Oct. '13

1980s

Mary (Duggan) Robichaud, GR 80; Aug. '13 ● Charles M. Rock, LW 80; Oct. '13 ● Catherine (Bonebrake) Naunheim, GR 83; Sept. '13 ● Laural (McCandless) Parker, LA 83, GR 89; Oct. '13 ● Carolyn (Wilson) Fritschle, GR 84; Oct. '13 ● Delores D. Lane, UC 84, UC 85; Sept. '13 ● John A. Savage, DE 86; Nov. '13 ● Perry D. Inhofe, MD 88, HS 89; Nov. '13 ● Chapin E. Johnston, TI 88; Sept. '13

1990s

Bernard Becker, GR 90; Aug. '13 ● Margaret (Lambin) Herbert, UC 90; Sept. '13 ● Barbra (Watson) Riley, LW 93; Nov. '13 ● Mitchel F. Guevara, SI 95; Oct. '13 ● Piotr Kulesza, GM 99, MD 99; Nov. '13

2000s

Dennis J. McMenamy, EN 07; Aug. '13

2010s

Catherine J. D'Antonio, LA 12; Nov. '13 ● Yongsang Soh, LA 13; Oct. '13 ● David A. Winters, PMBA 17; Nov. '13

In Remembrance

Perry Inhofe

Perry D. Inhofe, MD '88, died in a plane crash Nov. 10, 2013, in northeast Oklahoma. He was 52.

Inhofe, the son of U.S. Sen. Jim Inhofe (R-Okla.), was an orthopedic surgeon, specializing in hand surgery, in Tulsa.

Inhofe earned a medical degree from the School of Medicine in 1988 and held a postgraduate general surgery internship from 1988–89 at Barnes Hospital. According to Tulsa World, he met his wife of 24 years, Nancy Rader Inhofe, MD, when he rotated through the pediatric emergency department at St. Louis Children's Hospital, where she was a pediatrics resident.

He completed an orthopedic surgery residency at the University of Oklahoma College of Medicine and a hand surgery fellowship at the University of New Mexico Medical Center.

Inhofe is survived by his wife, Nancy, and their two sons, Glade Edward and Perry Coleman.

John Kautsky

John H. Kautsky, professor emeritus of political science in Arts & Sciences, died Oct. 15, 2013. He was 91.

Kautsky was born in Vienna, Austria, in 1922. He settled in the United States in 1939. After service in the U.S. Army, he attended college on the GI Bill, earning bachelor's and master's degrees from the University of Chicago. Later he earned a doctorate in political science from Harvard University.

Kautsky worked in the U.S. State Department before joining the faculty at Washington University in 1955. He retired as professor emeritus in 1988 but remained active in the department, teaching numerous courses and hosting a regular luncheon crowd in his office.

During his distinguished career, Kautsky wrote numerous books and articles, primarily in the field of the politics of developing countries. His more important books include Political Change in Underdeveloped Countries; The Political Consequences of Modernization, Communism and the Politics of Development; The Politics of Aristocratic Empires; and Social Democracy and the Aristocracy.

Helen Power

Helen Power, MA '64, PhD '66, died Sept. 3, 2013. She was 77.

Power's career as a senior lecturer of English and as a senior lecturer and coordinator of women's studies, both in Arts & Sciences at Washington University, spanned more than 30 years.

During her 10 years as coordinator, she is credited with helping expand the interdisciplinary program, now called Women, Gender, and Sexuality Studies (WGSS), by adding resources, faculty, courses, a professorship and connections with faculty throughout campus.

Power, who was born in 1935 in Chicago, graduated from the University of Chicago in 1953. After moving to St. Louis with her late husband, Richard, she earned both a master's and a doctoral degree in English from Washington University. She then joined the Department of English as a lecturer and in 1983 joined the Women's Studies Program as an instructor.

Power is survived by daughter Carla Power, son Nicholas Power, and four grandchildren.

Harvey Saligman

Harvey Saligman, a longtime member of the Board of Trustees, died Nov. 15, 2013. He was 75.

Saligman joined the board in 1986 and was elected an emeritus trustee in 2011. During his tenure, Saligman raised and donated millions of dollars for scholarships, new facilities and research.

An accomplished executive, Saligman was managing partner in Cynwyd Investments, a family real-estate partnership, and former CEO of Interco.

Saligman and his wife, Linda, generously supported the university's mission in myriad ways. In 2009, they established the Harvey and Linda Saligman Multiple Myeloma Research Fund. They supported undergraduate scholarships at the university and established the Craig K. Reiss, MD, Award for Excellence in Teaching at the School of Medicine.

In addition, Harvey Saligman served as executive co-chair of The Campaign for Washington University for the School of Art. The Saligman Family Atrium at the Mildred Lane Kemper Art Museum is named in honor of the Saligram.

Saligman is survived by his wife, Linda; his children Todd, Martin, Adam and Brian Saligman; a daughter, Lilli Meiselman; and two grandchildren.
SHAPING THE FUTURE

OUR GOAL IS TO STRENGTHEN THE UNIVERSITY'S LEADERSHIP TODAY TO BENEFIT ST. LOUIS, AMERICA AND THE WORLD TOMORROW.

With a goal to raise a minimum of $2.2 billion by June 30, 2018, Leading Together: The Campaign for Washington University is the most ambitious fundraising effort ever undertaken by this university. The campaign, which includes an increased goal of $400 million for new scholarships and fellowships, will support four primary areas where the university can make the greatest contributions to society in the coming decade:

Preparation of the leaders of tomorrow
Advancing human health
Inspiring innovation and entrepreneurship
Enhancing the quality of life.

Trustee Andrew C. Taylor, executive chair of Enterprise Holdings, is chair of the campaign's public phase, which began with a gala in St. Louis on Oct. 6, 2012. More than $1.13 billion in gifts and commitments was raised during the quiet phase, which began in March 2009. Life Trustees John F. McDonnell and Sam Fox led the quiet phase.

In 2013, volunteers and staff hosted successful campaign kickoff events in Los Angeles, San Francisco, New York, Chicago and Washington, D.C. Kickoffs in 2014 will be held in Dallas, Boston, Houston, Philadelphia, North Jersey and Colorado.

Leading Together: The Campaign for Washington University reached a total of $1.44 billion as of Dec. 31, 2013. For pictures of the kickoffs and the latest news of the campaign, please visit together.wustl.edu.

BROWN SCHOOL EXPANSION MARKS NEW ERA

On Sept. 24, 2013, the Brown School broke ground for a 105,000-square-foot facility scheduled for completion in summer 2015. The support of generous alumni, friends and faculty made it possible to move forward with a visionary expansion that will ensure the Brown School continues to be a catalyst for positive change in the 21st century.

The expansion includes the new building and planned renovations to Brown Hall and Goldfarb Hall. It will bring together Brown School faculty, staff and research centers, which are currently spread across four locations on two campuses. It also will include space on the Danforth Campus for the university's Institute for Public Health.

The Brown School is the No. 1-ranked school of social work in the nation. The expansion will ensure that the school continues its leadership in education for the social work and public health professions.

Brown School Dean Edward Lawlor, PhD, the William E. Gordon Distinguished Professor and the founding director of the Institute for Public Health, says, "Our goal is to build community engagement and impact in St. Louis and to produce new global partnerships in public health and social work."

Enola Proctor, PhD, the Frank J. Bruno Professor of Social Work Research, says, "Only together can we forge the solutions for the vexing health and social problems facing our nation and the world."
SITEMAN CONTINUES LEGACY OF PHILANTHROPIC SUPPORT FOR CANCER RESEARCH

A long-term commitment for cancer research from Alvin J. Siteman represents the largest philanthropic commitment ever made to benefit patients at the Siteman Cancer Center and beyond. Siteman and his wife, Ruth, BS ’75, made a gift of $35 million to name the cancer center in 1999.

Fifteen years ago, the Alvin J. Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine did not exist. Today, it is among the most recognized cancer programs in the United States, holding the prestigious designation as a Comprehensive Cancer Center from the National Cancer Institute and treating more newly diagnosed cancer patients — more than 8,000 per year — than all but a handful of U.S. cancer centers.

Siteman’s most recent commitment is the latest in a series of important gifts he has made during a period of reduced federal spending for biomedical research. As grant funding has become more difficult to obtain, Siteman’s support will continue to play a critical role in groundbreaking research at the cancer center.

In 2007, his gift of $1 million allowed a team led by Timothy Ley, MD, the Lewis T. and Rosalind B. Apple Professor of Oncology, to complete work on a pioneering project to decode the DNA of a woman with leukemia. This achievement — the first in the world to sequence the genome of a cancer patient — has been followed by additional studies that have uncovered genetic mutations associated with a variety of cancers and established Washington University as a national leader in the field of cancer genomics.

Chancellor Mark S. Wrighton says, “Al Siteman has played a transformative role in creating a nationally recognized cancer program that affects the lives of patients and families worldwide. His support is helping us discover better ways to prevent and treat cancer and bringing new hope for the end of suffering from this devastating disease.”

(Left) Shown at the groundbreaking ceremony for a new building for the Brown School are (from left) social work graduate student Nikeda Doughty; Holden Thorp, PhD, provost and executive vice chancellor for academic affairs; Chancellor Mark S. Wrighton; Harry J. Seigle, AB ’68, a university trustee and member of the Brown School’s National Council; Christine Homan, BSBA ’71, a Brown School National Council member, and Scott Homan, BS ’66; Eugene Kahn, university trustee and chair of Brown’s National Council; Hank Webber, executive vice chancellor for administration; Edward Lawlor, PhD, dean of the Brown School and the William E. Gordon Distinguished Professor; and Enola Proctor, PhD, the Frank J. Bruno Professor of Social Work Research.

Alvin J. Siteman (left) meets with Timothy J. Eberlein, MD, director of the Siteman Cancer Center; the Bixby Professor and the Spencer T. and Ann W. Olin Distinguished Professor; and chair, Department of Surgery, WUSTL School of Medicine.
REAL ESTATE EXECUTIVE
ED DEZEVALLOS, MBA '67, grew up in Nashville, Tenn. He attended Montgomery Bell Academy, a college preparatory school, "walked about five miles down the road" to attend Vanderbilt University for his undergraduate degree, and intended to "walk a little farther" to work at his father's printing business.

He also fell in love with a girl, Pamela Hathcock, whom he'd met at a high school party. "She was the only girl in the room I wanted to dance with, and we had an immediate connection," he recalls.

Building a life in Nashville seemed a fait accompli.

When he started his junior year of college, however, "the road" took an unexpected turn. "My father asked me what I was going to do when I graduated," deZevallos recalls. "I thought I'd stay and work at your company," I told him.

He said, 'That's probably not a good idea.' A bright light went on. I knew right then that I needed to get serious about school. I changed my 'major' from fraternity to studying and ended up making the dean's list."

After graduating from Vanderbilt in 1965, deZevallos looked into Washington University's MBA program. "My good friend Sandy [Claude] Thomas was a student there and told me it was a great school," he recalls. "I felt as if I needed more education before joining the workforce, so I enrolled."

At Washington University, deZevallos found engaging professors and learned as much from their offhanded comments as from their courses. "Their life stories were as good as their books, and they talked with their students about making life decisions," he says. "Professors like Dr. Boyer and Dr. Spiller knew how to connect with students."

Eventually, deZevallos did return to Nashville — briefly — to marry Pam. Soon after, he left for a two-year tour of duty in the U.S. Marine
REWARD

Corps. The couple moved to Charlotte, N.C., and then to Houston, and Ed settled into a job as an analyst with Exxon. Meanwhile, the real estate boom was taking off in Houston, and Ed was drawn to the action.

"I'd never taken a real estate course, but I could see what was happening," he recalls. "I come from a long line of entrepreneurs. I thought that I could handle the risk."

Since then, deZevallos has been involved in numerous real estate investments, including forming a new bank. "Every new investment is like starting a company. We have a plan for each one, but as the phrase 'men plan, God laughs' goes, in 40-plus years of doing this, I have never had a plan come to fruition as planned," he says. "Luckily, the majority of our projects have turned out better than they were planned."

In one project, his company established Spring National Bank on property it owned in Spring, Texas, and later opened another office in Houston's Galleria. The banks eventually merged into BBVA/Compass Bank, a leading U.S. banking franchise with operations throughout the Sunbelt region.

DeZevallos attributes much of his success to his Washington University education. "The school gave me a framework for decision-making that I've used my whole life," he says. "When I was chairman of the bank, I analyzed loans using the same analysis model. Our business today is all about analyzing risk, rather than just returns, and turning that analysis and acceptance of risk into profit."

"My son, Chris, joined the business 12 years ago and changed everything for me, including giving me the opportunity to retire," deZevallos says. "It turns out that he is very, very good at the business."

For pleasure, the deZevallos family enjoys outdoor sports and hosting friends at their second home in Santa Fe, N.M. Pam is an equestrienne, and Ed, a golfer. Their greatest joy, however, is time spent with their 4-year-old twin granddaughters, Katharine and Sarah. "We love to be with them every chance we get," Pam says.

Committed to educational opportunities

Pam and Ed deZevallos have supported Washington University for more than 40 years. Ed chairs the Houston Regional Cabinet and the Planned Giving Committee for Leading Together: The Campaign for Washington University. A consummate volunteer, he has served on numerous university committees and has played a key role in boosting scholarship support.

DeZevallos recently established a scholarship at Washington University with former classmate Rob Price, MBA '67, who became one of his best friends and business partners. He calls Price "one of the finest men I've ever met."

DeZevallos explains: "The Edward P. deZevallos and Robert W. Price Jr. Scholarship in the Olin School says we met at Washington University, received a great education, and want to share that opportunity with others in perpetuity. This scholarship will remind future generations of our two families' commitment to education."

The deZevallos' philanthropy also included funding the endowment at a trade school and supporting additional scholarships at Washington University and at other institutions he and Pam attended.

"We believe in giving people a leg up on life," Pam says. "We can't ride the horse for them, but we'll help them get in the saddle."

"All of our philanthropic commitments support education," Ed says. "All campaigns are important, but I believe Leading Together is special because it is a multi-year commitment that is tied to the importance of developing leaders who can help solve the problems facing this country in the future."

The value of hard work and the ability to start over — whether planning a career or putting the next real estate investment together — have served Ed deZevallos well.

"Entrepreneurs feel comfortable analyzing and taking risks, and making decisions," he says. "Some people look for safety nets. I look for opportunities."

Cynthia Georges is senior associate director, Development Communications.

"ALL CAMPAIGNS ARE IMPORTANT, BUT I BELIEVE LEADING TOGETHER IS SPECIAL BECAUSE IT IS A MULTI-YEAR COMMITMENT THAT IS TIED TO THE IMPORTANCE OF DEVELOPING LEADERS WHO CAN HELP SOLVE THE PROBLEMS FACING THIS COUNTRY IN THE FUTURE"
LOST BOYS

Fine art photographer Stanley Strembicki has been held in thrall by the city of New Orleans for 30 years, capturing its celebrations and cemeteries. So when Hurricane Katrina hit the city, Strembicki, who is also professor of art in the Sam Fox School of Design & Visual Arts, was moved to offer his artistic perspective on the aftermath.

For three years, he returned monthly to the washed-out ruins of once-thriving communities. There, he documented the now-water-damaged photographs its former residents were forced to abandon. His Lost Memory series collects scenes of everyday life – for example, two boys posed at a garden gate (at left) – as well as weddings, family portraits and communions. The blistered, moldy and disintegrating images honor the lives and memories lost to the storm.

Stanley Strembicki, Untitled, November 2006.