



◀ Arthur Osver's "S.E.X.Y." (collage and oil on canvas, 53" x 54," 1995) appears in the new book, *Arthur Osver: Urban Landscape, Abstraction, and the Mystique of Place* (2019). Edited by Angela Miller, professor of art history and archaeology in Arts & Sciences, and published by the Mildred Lane Kemper Art Museum, the book is the first to survey the whole of Osver's practice, from his early career in Chicago and New York, through his years abroad in France and Italy, to his long tenure at Washington University.

For more, see Liam Otten's "A world of visual impressions" at magazine.wustl.edu.

(Image courtesy of the estate of Arthur Osver and Ernestine Betsberg)

Washington

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THE PROBLEM SOLVER

Good things happen when Jim McKelvey Jr. sees a problem

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OUR 15th CHANCELLOR

Andrew D. Martin





Photo: James Byard



◀ A lot has changed on the east end of the Danforth Campus over the past two-plus years. On Oct. 2, 2019, the university will host a dedication ceremony celebrating the progress. Look for more on the east end's new spaces for learning, research and discovery in the February issue of *Washington*.

Building *Momentum*



Greetings from Brookings Hall! This marks my first official “Chancellor Letter” to you — our loyal and dedicated *Washington* magazine readership. As a proud alumnus and former faculty member of Washington University, I’m honored and thrilled to have the opportunity to serve as the school’s 15th chancellor. With your help, I look forward to building on the university’s strong legacy and momentum as we continue to advance our mission and improve lives in service of the greater good.

That word “momentum” is perhaps the best word to encapsulate the way I see my role as your next leader and our future at WashU. It’s also the theme for my upcoming inauguration on Oct. 3 — a time when the entire community will come together to celebrate where we’ve been, where we are and where we’re heading as a university. I hope you’ll consider joining us.

As it relates to our theme, if you didn’t know, I’m a “math guy.” I majored in mathematics at the College of William & Mary and then went on to earn a PhD in political methodology here at WashU. From a purely mathematical–physics perspective, momentum is extremely important: It’s the impetus or driving force of a moving object. To calculate momentum, you just multiply an object’s mass by its velocity. And the greater an object’s momentum, the more force it takes to change its motion.

To put momentum in layman’s terms, consider a professional running back (for example, Chicago Bears great Walter Payton) driving toward the end zone; he has a heck of a lot more momentum than a young child crossing the street. The running back is heavier and moving faster — and unless something forcefully impedes his path, he will not slow down.

At Washington University, we are clearly moving forward with no signs of stopping. We are a world-renowned and influential leader in research, education and patient care. Over the course of our nearly 170-year history, we have made unprecedented strides to discover and disseminate knowledge, innovate new possibilities and improve lives across the globe.

Recently, we’ve witnessed several tangible examples of this kind of momentum. In January, we announced the naming of the James M. McKelvey School of Engineering, which is a significant step forward as the school builds on its long history of being a sought-after place to study, conduct research, collaborate across disciplines and create solutions to complex world problems. (See pg. 34 for a feature on distinguished alumnus Jim McKelvey.) In late spring, we announced a new partnership with Centene Corporation to accelerate translational research into treatments for Alzheimer’s disease, breast cancer, diabetes and obesity. And, with the exception



Photo: Jay Fain

of James M. McKelvey, Sr. Hall, we recently finished construction on the east end — by far the largest building project in the university’s history, which we will dedicate Oct. 2.

These are but three examples. Everywhere we turn — across our campuses, here in the St. Louis region and throughout the world — our students, faculty, staff and alumni are building momentum. We’re conducting breakthrough medical research and finding innovative solutions to improve patient care. We’re building bridges and changing our city’s landscapes through architecture and art. We’re empowering and caring for our children, the poor and the marginalized through teaching, social work and public health. We’re fighting for justice on the streets and in our courtrooms. We’re starting and leading socially responsible businesses, creating new technologies and seeking entrepreneurial opportunities for the good of all.

Together, we’re doing these things and so much more as we build momentum and look to the future.

As WashU’s new chancellor, I’m thrilled to have the opportunity to help bolster such a strong legacy. From my vantage point, the university’s potential is poised only to increase. I invite you to join me as we work together and use that momentum to make a positive impact on our students, our region and the world.

Andrew D. Martin
Chancellor

Washington

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A NOTE ON OUR NEW LOOK

Dear Reader,

Those of us who produce *Washington* magazine — the writers, editors, designers, photographers and many others — love sharing the stories of WashU, its people, traditions, and inspiring research and scholarship that happen here every day. And we also love hearing from you.

Over the last year through surveys and focus groups, we've learned what you look forward to in these pages, as well as what you'd like to see us do differently. We've been refreshing the magazine accordingly, and we hope you enjoy the changes in this edition.

Please email the editor at wustlmageditor@wustl.edu to share your thoughts. And as always, look for additional *Washington* stories, photos, videos and more at magazine.wustl.edu.

Thank you for reading,

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IN THIS ISSUE

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Look for the digital version of *Washington* magazine at magazine.wustl.edu.



▶ On a beautiful day, Chancellor Andrew Martin and his wife, Stephanie, gather with their daughter, Olive, and Danny, their dog, along ginkgo walk.

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Photo: Jay Fram

CHECK IT OUT!

Look for *Washington* magazine feature stories, videos and more at magazine.wustl.edu. For more news, visit WashU's social media channels.



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28

ECHOES OF VOICES PAST

Washington University has hosted luminaries who have inspired and challenged us. Alumni and faculty recall their memories of hearing from three prominent speakers on campus.



Courtesy Washington University Archives

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CALL ANDREW

“Call Andrew” was his graduate students’ catchphrase. They said his sharply focused insight would always provide clarity and direction. In summer 2018, the university made such a call, and Andrew Martin answered, becoming chancellor of Washington University June 1, 2019.

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Photo: Jay Fram

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THE PROBLEM SOLVER

Having founded or co-founded Square, LaunchCode, Third Degree Glass Factory and more, Jim McKelvey Jr. is often called a serial entrepreneur. In fact, he has just never met a problem he didn’t want to solve.

DEPARTMENTS

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“”

KRISTINE XU, STILL REMEMBER HOW WE GOT TO TRY THE BOWLING ALLEY FRESHMAN YEAR?

—YUHENG (CADY) FU, ARTS & SCIENCES CLASS OF 2020

(A Facebook comment on "On a personal note," a video from the spring 2019 issue)

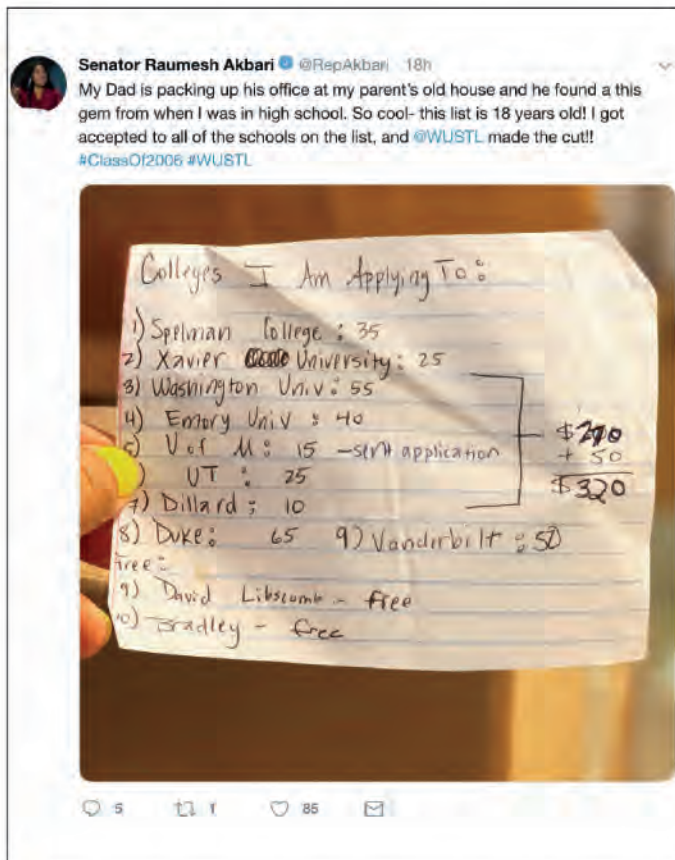


As an alum, I want to say what an impressive and beautiful issue dedicated to retiring Chancellor Wrighton and his wife, Risa. Great job!

—ELAINE BOYLE SANDERS, BA '60, TUCSON, ARIZONA

Thank you for the [spring 2019] issue of *Washington* magazine devoted to the years of service and achievement of Chancellor Wrighton and Mrs. Wrighton. It was wonderfully done, upbeat and demonstrated a deep appreciation of the special first couple. It was fun to read with touches of intimacy, and most impressive as to how effective their teamwork for WashU, the community and the world at large has been.

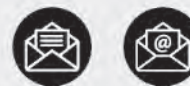
—THERESE LEPAGE, BS '65, LOS ANGELES



In my opinion, your spring 2019 issue is outstanding! It is an exciting and colorful addition to the history of our great university written by Ralph E. Morrow in 1996. ... With motivated students and faculty, excellent and up-to-date facilities and an impressive endowment program, Washington University is well-positioned for decades to come to be a significant leader in academics, research, medicine, literature and the arts, and, of course, good manners.

—LARRY J. GILLINGHAM, MA '64, CARROLLTON, ILLINOIS

from our readers



WE WANT TO HEAR FROM YOU!

Let us know what you think.

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In the spring 2019 issue of *Washington*, in "Through the Years," it is stated that "2012: NASA Rovers, *Spirit* and *Curiosity*, land on Mars." This is only half correct. *Spirit* and *Opportunity* landed in 2004, not 2012; *Curiosity* landed in 2012, as stated. The picture does appear to be *Curiosity*.

—John Schiermeier, BSME '86, MSME '87, DScME '90, senior member of technical staff, NASA's Jet Propulsion Laboratory

The magazine editors sincerely regret the error.

WORDS *of* WISDOM

“Take pains not to fall for easy answers. And take pains to hold our leaders accountable for their words and their deeds. If you do that, I have no doubt that truth — and America — will prevail.”

—Michael R. Bloomberg, the 108th mayor of New York City, gave WashU’s 2019 Commencement address on May 17. While in St. Louis, Bloomberg also announced the Midwestern Collegiate Climate Summit that will be held in early 2020. The summit will be the largest convening of Midwestern universities to date focused on mitigating the effects of climate change and moving to a 100-percent clean-energy economy. Washington University will anchor the climate change summit, which will bring together leaders from other universities, local government and the private sector.



“I hear from folks every day ... who despite believing in feminist values and having feminist ideas, aren’t sure they want to take up the cause. People still don’t understand what feminists do.”

—Jessica Valenti — prominent feminist writer whose most recent book is the *New York Times* bestseller *Sex Object: A Memoir* — spoke at Graham Chapel April 9.

THE CHANCELLOR BLOGS

Want some insight into higher education and what it’s like to be chancellor? Chancellor Andrew D. Martin blogs every three weeks about issues in higher education, campus events and life. Check it out at andrewdmartin.wustl.edu.

“You can’t be free unless you’re willing to be courageous ... and go to the edge of life’s abyss and then decide who you are.”

—Cornel West, professor at Harvard University, who spoke about liberal arts education as part of the Danforth Center on Religion and Politics lecture series on April 16.



“WE ARE MORE THAN JUST A COLLECTION OF BELIEFS TO AGREE OR DISAGREE WITH.”

—Max Klapow, Arts & Sciences Class of 2021, discusses radical empathy during his TEDxWUSTL speech, “Our Problem With Empathy.”

 Go to magazine.wustl.edu to see the TED Talk.



GINKGO RECOGNITION

Washington University was recently classified as a level 1 arboretum. According to Phil Valko, BA '03, assistant vice chancellor for sustainability, the rating is a signal of the university's commitment to increasing, managing and stewarding its trees. WashU recently relocated or cut down 55 trees to expand the east end of campus, but it has planted more than 250 trees on the east end, a number that will grow to 400 by spring 2020.

Photo: James Bvard

DORM LIFE

20

The Faculty Fellows program, which sponsors faculty members and their families living in residential colleges, turned 20 in 2019. Currently, there are 11 Faculty Fellows living in nine residential communities. The Faculty Fellows arrange programming for and mentor the students throughout the academic year.



An international team of researchers, led by Gary Weil, MD, professor of medicine and molecular microbiology, was recently awarded a new grant from the Bill & Melinda Gates Foundation to fight the tropical diseases lymphatic filariasis and river blindness.



Photo: Joe Angeles

SUSTAINABILITY

>7,800

With the recent installation of several solar panels at the Athletic Complex (not pictured), the university now has more than 7,800 solar panels in operation. Since spring 2019, the university has more than doubled its solar-generating capacity to nearly 2.5 megawatts, enough to power 394 U.S. homes.

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WashU firsts

THE UNIVERSITY IS NO STRANGER TO BREAKING NEW GROUND.

1869

The law department (now the School of Law) becomes the first chartered school in the United States to admit women.

1916

WashU students make the first silent movie produced by college students, *The Maid of McMillan*.

1918

R.B. Rutherford, head football coach at WashU, introduces the football screen pass in a game.

The WashU catwalk turns

In 1929, Washington University hosted its first fashion show for students at Kline Department Store. This year, the show celebrated its 90th anniversary with a fashion show on campus in Anheuser-Busch Hall's Crowder Courtyard.



Photo: Danny Reiser

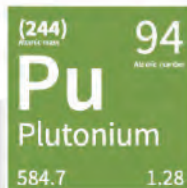
Senior Samantha Gordon's Belle Époque collection was inspired by the Victorian and Edwardian eras.



Photo courtesy Ai Weiwei Studio

ART ACTIVIST

Ai Weiwei, renowned Chinese dissident artist and activist, will have a major exhibition at the newly expanded and reopened Mildred Lane Kemper Art Museum from Sept. 28, 2019, through Jan. 5, 2020. The show will include large-scale and site-specific projects placed in dialogue with some of his most iconic work.



1940s

WashU builds one of the first cyclotrons, producing the world's first experimental quantities of plutonium.

1988

Surgeons at the School of Medicine perform the first double-lung transplant and the first nerve transplant from a cadaver donor.

2002

WashU serves as mission control for Steve Fossett, MBA '68, when he completes the first-ever solo round-the-world balloon flight.




ALUM STUDIES ORIGINAL MOON ROCKS

In 1998, as a new WashU graduate student, Ryan Zeigler, PhD '04, was surprised to find scientists still studying moon rocks from the Apollo missions. "I'm like, 'Those rocks have been here for 30 years. What are you still doing with them?'" These days, it's Zeigler who's answering the question.

This July marked 50 years since the Apollo 11 mission returned to Earth, bringing with it the first rock and soil samples collected on the moon. (A WashU professor was the one who encouraged the astronauts to collect the samples and advised NASA on how to distribute them.) Zeigler studied some of those samples as a student in the Department of Earth and Planetary Sciences. Now he's *responsible* for them — and all moon rock samples collected during the Apollo missions — as the Apollo sample curator and manager of the Astromaterials Acquisition and Curation Office at NASA.

Zeigler, who remains an active researcher, said that 50 years on there's a good reason we can still learn from these old rocks. "As new instruments and scientists become active, they think of new ideas," he says, "and previous ideas inform new ones."

 Go to magazine.wustl.edu to see a video.

NEW AUTOIMMUNE DISEASE DISCOVERED AND DEFEATED

Since 1996, Alan Pestronk, MD, professor of neurology, has seen only four cases of it, but that was enough for him to recently identify a rare autoimmune muscle disease characterized by a sudden onset of debilitating muscle pain and weakness. He also found that the disease could be treated with an immunomodulating therapy such as steroids.

ANTIBIOTICS HELP ENDOMETRIOSIS

In spring 2019, researchers at the School of Medicine published their findings that, in mice at least, antibiotics can reduce the size of lesions caused by endometriosis, a chronic problem in women caused by uterine cells migrating up to the stomach area and clumping together. The researchers believe antibiotics have an impact because gut bacteria help drive or prevent progression of the disease.



BIG BROTHER COULD LOWER CAR-INSURANCE RATES

A new study out of Olin Business School reveals that driver-monitoring and -tracking technology, such as an app or vehicle plug-in, could lower car-insurance rates for some motorists. It would allow the insurance company to ascertain if your daily habits make you a safe motorist, and that information could lead to lower premiums.

RESEARCH ROUNDUP

10 ONTRACK AIMS TO IMPROVE MENTAL HEALTH IN CHILE

Leopoldo J. Cabassa, associate professor of social work at the Brown School, is working on a project that could help improve people's mental health in Chile thanks to a five-year, \$2.9 million grant from the National Institute of Mental Health.

The project, OnTrackChile, adapts OnTrackNY, an innovative treatment program designed to intervene when someone experiences his or her first episode psychosis, or FEP. Early intervention at this point could help with symptoms and minimize disability.

"This project is a multidisciplinary collaboration and partnership that aims to improve the quality of care and outcome for people and families," Cabassa says. "I'm bringing my expertise and experiences in implementation science and health disparities research to this global mental health study."



WAKING UP EARLY? YOU MIGHT BE PREGNANT

According to a new study from WashU researchers, women and mice both shift their daily schedules up a few hours during the first third of their pregnancies. If the new schedule is interrupted, it could put a pregnancy at risk. The findings were reported in the *Journal of Biological Rhythms*.

NEW TEST COULD CONQUER PANCREATIC CANCER

More than 45,000 people in the U.S. die from pancreatic cancer each year, because it is hard to detect early. Now researchers at the School of Medicine are changing the odds thanks to a new test that can determine if pancreatic cysts are likely to become cancerous. Testing for a biomarker, an antibody called mAb Das-1, in cyst fluid, reveals if the cyst will become cancerous with 95 percent accuracy.



For more on university research and faculty achievement, visit source.wustl.edu/news.



←
TEENAGERS SIT 8 HOURS A DAY
ADULTS SIT 6.5 HOURS A DAY
→



AMERICANS STILL NOT STANDING

After conducting the first nationally representative study of sedentary behavior across the U.S. (which analyzed survey data from 51,000 people from 2001 to 2016), cancer epidemiologist Yin Cao, ScD, doesn't have good news.

"In almost none of the groups we analyzed are the numbers going in the right direction," says Cao, co-senior author of the study and assistant professor of surgery in the Division of Public Health Sciences. Her study was published in the *Journal of the American Medical Association*.

From 2007 to 2016, total daily sitting time increased among adolescents from seven hours to just over eight hours. For adults, daily sitting time increased from 5.5 hours per day to almost 6.5.

Graham A. Colditz, MD, co-senior author of the study and the Niess-Gain Professor of Surgery, says there's hope. "We think a lot of these sedentary habits are formed early, so if we can make changes that help children be more active, it could pay off in the future," he says.

AFAS 3075 | EXPLORING BLACK AMERICAN FOODWAYS

Recipes for Respect

If you read *Gone With the Wind* or *Uncle Tom's Cabin*, popular but inaccurate depictions of life in the American South during slavery, you'll see the stereotypical black cook, an unlettered woman full of folk wisdom "selflessly working for [her] white 'owners,'" says Rafia Zafar, professor of English, American culture studies, and African and African American studies. "In reality, working conditions were frequently harsh and food rationed."

Zafar points to the autobiography of Harriet Jacobs, a former slave who wrote that her mistress spat in the cooking pots after meals were dished out to the white family so that the black cook could not share the food with her family or other slaves.

Showing how black foodways* have intersected with American history was Zafar's aim in creating her course and writing her recent book, *Recipes for Respect: African American Meals and Meaning* (University of Georgia Press, 2019). In the course and the book, Zafar looks at how African Americans have interacted with the farmed environment, domestic service and cookery to gain social mobility and civil rights.

"When is a cookbook more than a set of instructions?" she asks in the introduction to her book. "And how might a meal rewrite history?"

*Foodways is an anthropological term that means all of the "stuff" surrounding food, such as cooking, agriculture, restaurants, cookbooks, etc.

FIVE THINGS YOU DIDN'T KNOW ABOUT BLACK FOODWAYS IN AMERICA:

- 1 Okra, sesame seed and watermelon were all brought to the new world by Africans.
- 2 The National Council of Negro Women's early community cookbooks contained recipes and black history lessons.
- 3 In America, African cooking ingredients, if not styles, were incorporated into Anglo cuisine, but Native American foodways were also adopted and incorporated.
- 4 In the late 19th century and early 20th century, George Washington Carver taught poor black farmers principles of organic farming and how to make their farms self-sufficient, so they wouldn't have to buy from the company store, which indebted them to white landowners.
- 5 The first hospitality book by a black person ever published was Robert Roberts, *The House Servant's Directory* (1827). It was a domestic guide that included recipes and advice about how to run a house. Roberts ran the household for U.S. Sen. and Massachusetts Gov. Christopher Gore.

RECIPES FROM

WHAT MRS. FISHER KNOWS ABOUT OLD SOUTHERN COOKING, SOUPS, PICKLES, PRESERVES, ETC.

Published in 1881 by former slave and successful business owner Abby Fisher.

OLD-TIME GINGER CAKE

One pint molasses, one quart flour, one-half teacup brown sugar, one teacup butter, one tablespoonful cinnamon, two tablespoonful ginger, one teacup sour milk. With it mix a teaspoonful soda and three eggs. Cream butter and sugar together, then add molasses, then flour, then eggs, then milk, then ginger and cinnamon; stir thoroughly and put to bake in oblong pans.

CORN EGG BREAD

Two eggs, one pint of meal, half pint of sour milk, one teaspoonful of soda — beat eggs very light — one tablespoonful of melted lard or butter, mix all together, well stirred or beaten. Bake in an ordinary pan.

WHY ARE SUPERHEROES SO POPULAR?

ON TOPIC

STORY BY ROSALIND EARLY, BA '03

ILLUSTRATION BY MAX TEMESCU, BFA '13, @MAXTEMESCU



I'M PETER COOGAN, A COORDINATOR AT THE BROWN SCHOOL AND AUTHOR OF "SUPERHERO: THE SECRET ORIGIN OF A GENRE." THERE'S MORE TO COMICS THAN YOU THINK...

SUPERHERO COMICS ARE SPECIFIC TO THE AMERICAN CULTURE THAT PRODUCED THEM IN THE LATE 1930S. THEY GREW OUT OF A STRUGGLE WITH MODERNISM: THE LOSS OF FRONTIER AND RUGGED INDIVIDUALITY. THE SUPERHERO MYTH HELPED US PROCESS THAT.



I'M A RUGGED INDIVIDUAL, BUT IN AN URBAN SETTING. I'M ALSO SELFLESS AND AN ARCHETYPE OF AMERICAN VALUES.



SUPERHERO FILMS AND COMICS ALSO EXPRESS THE LARGER GEOPOLITICS OF OUR AGE. NOW, WE DON'T GO TO WAR WITH A COUNTRY. WE FIGHT A SUPERVILLAIN.

UNLIMITED WEALTH, AN ARMY OF SOLDIERS READY TO DIE FOR ME AND A HIDEOUT IN THE REMOTE MOUNTAINS. I SOUND LIKE OSAMA BIN LADEN, BUT I'M REALLY DR. DEADLY.



THEY SAY THIS WILL BE OVER IN 21 DAYS.

WE TALK ABOUT FIGHTING SADDAM HUSSEIN OR MANUEL NORIEGA WITH OVERWHELMING FORCE, OR AS I LIKE TO CALL IT, "EFFORTLESS EFFICACY" LIKE A SUPERHERO.



THE MYTHOLOGY OF THE COLD WAR WAS THE WESTERN. THAT'S WHY THEY WERE SO POPULAR.

NEED ANY HELP HERE?
I'VE GOT IT, THANKS.



WESTERNS FEATURE TWO OPPOSING SOCIETIES IN AN APOCALYPTIC, TWILIGHT STRUGGLE: COWBOYS AND NATIVE AMERICANS. IT RESEMBLED HOW AMERICANS FELT ABOUT FIGHTING THE COMMUNISTS.



I ALSO HELP PEOPLE WRESTLE WITH THE POSTHUMAN-- THE TECHNOLOGICAL AND MEDICAL ADVANCES THAT ARE CHANGING HUMAN CAPABILITIES AND LIVES.

ON TOP OF THAT, MARVEL CONNECTS ALL OF ITS CHARACTERS AND UNIVERSES. IT'S A SUCCESSFUL COMMERCIAL STRATEGY FROM THE COMICS THAT THEY'VE TRANSLATED INTO FILMS.



Go to magazine.wustl.edu for a video.



AND THE GENRE SHOWS NO SIGNS OF SLOWING DOWN.

The Motherhood Challenge

Caitlyn Collins
Assistant Professor of Sociology
and Women, Gender and Sexuality Studies

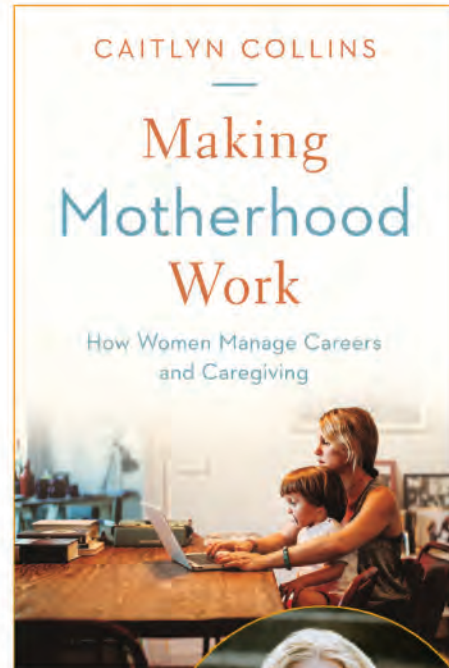
***MAKING MOTHERHOOD WORK: HOW WOMEN
MANAGE CAREERS AND CAREGIVING***

BY ROSALIND EARLY

Caitlyn Collins has made a lot of mothers cry. It wasn't intentional, but it happened while she conducted research for her book *Making Motherhood Work: How Women Manage Careers and Caregiving*. Collins interviewed 135 middle-income mothers in Germany, Sweden, Italy and the United States to find out how they were handling the demands of family life and career. While she found surprises in every country, she found the most unhappiness in the United States.

Collins would ask the moms what it meant to them to be a "good mother." "A lot of my American moms' eyes welled up, and then they had giant tears rolling down their faces," she recalls. "What they told me is that they feel as if they're failing their children. They feel as if they're trying in every way, shape and form to be the best parent they can be, but they're simply unable to fulfill their own idea of what it means to be a good mother."

The reason? Many moms can't spend as much time as they'd like with their children due to the demands of work. The United States is the only country in the industrialized world without federally mandated paid maternity leave.



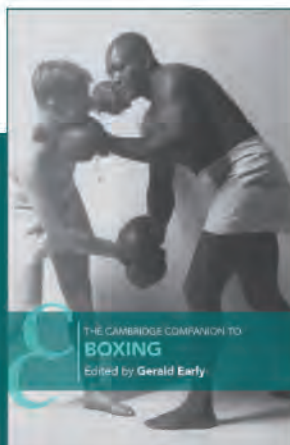
In Germany, moms receive at least one year of paid maternity leave. Compare that to the United States, where moms are lucky to get 12 weeks unpaid, and they blame themselves for not being able to achieve that "work-life balance" so touted in the media. "Framing work-family conflict as a problem of imbalance ... fails to recognize how institutions contribute to this anxiety," Collins wrote in the *New York Times*. This is not a personal failing but an institutional one.

More robust family-leave policies have been shown to benefit kids, spouses, employers and moms. If the United States truly cares about family values, Collins argues, it needs to re-examine how it supports its families.

THE CAMBRIDGE COMPANION TO BOXING
 EDITED BY GERALD EARLY

Merle Kling Professor of Modern Letters

This ultimate guide to boxing, edited by Gerald Early, covers the sport's bare-knuckle origins, its luminaries and its complicated racial past. Experts across the field and even former boxers share essays about important moments in the history of the sport.



NYC VEGAN: ICONIC RECIPES FOR A TASTE OF THE BIG APPLE

BY MICHAEL SUCHMAN, BA '93, JD '96

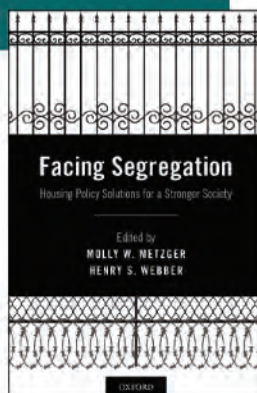
New York City has some great iconic foods, and now vegans can eat them too, thanks to Michael Suchman and his husband, Ethan Ciment. In their cookbook, the two relate how to make vegan versions of Manhattan clam chowder, knishes, Reuben sandwiches and more.

TRANSFORMING THE ELITE: BLACK STUDENTS AND THE DESEGREGATION OF PRIVATE SCHOOLS

BY MICHELLE PURDY, BA '01, MA '03

Associate Professor of Education

Michelle Purdy tells the story of the first black students to integrate Atlanta's well-known private school, The Westminster Schools, which opted to desegregate after *Brown v. Board of Education*.



FACING SEGREGATION: HOUSING POLICY SOLUTIONS FOR A STRONGER SOCIETY

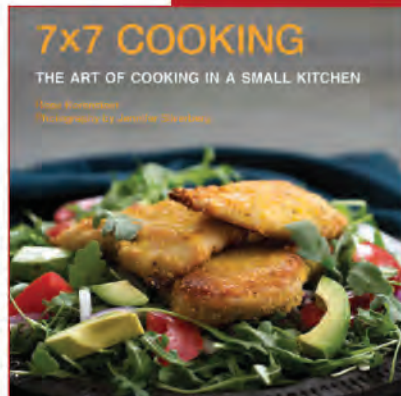
EDITED BY MOLLY W. METZGER

Assistant Professor in the Brown School

AND HENRY S. WEBBER

Executive Vice Chancellor and Chief Administrative Officer

Top scholars, practitioners and policy analysts weigh in on how the U.S. could reduce segregation, a problem that has only grown worse in recent decades. Edited by Molly Metzger and Henry Webber, the book offers a cogent agenda for policy reform.



7X7 COOKING: THE ART OF COOKING IN A SMALL KITCHEN

BY HOPE KORENSTEIN, BA '93, AND JENNIFER SILVERBERG, BA '93

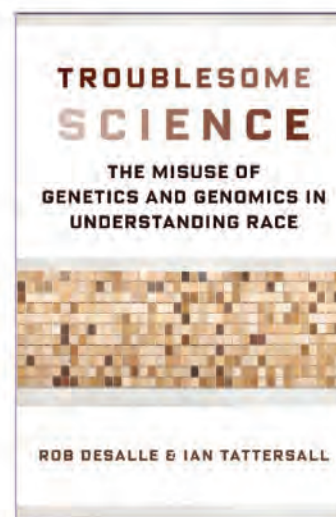
Got a miniature kitchen? Hope Korenstein feels your pain. In her book *7x7 Cooking*, she shows you how to prepare delicious meals with three feet of counter space, two pans, one pot and no dishwasher, all accompanied by mouthwatering food photos, courtesy of alumna Jennifer Silverberg.



AMERICA, AS SEEN ON TV: HOW TELEVISION SHAPES IMMIGRANT EXPECTATIONS AROUND THE GLOBE

BY CLARA E. RODRÍGUEZ, PHD '73

What happens when foreigners who grew up on U.S. television come to the United States? Clara Rodríguez, a professor of sociology at Fordham University, explores the expectations and reality of such immigrants in her latest book.



TROUBLESOME SCIENCE: THE MISUSE OF GENETICS AND GENOMICS IN UNDERSTANDING RACE

BY ROBERT DESALLE, PHD '84

Thanks to years of scholars misusing scientific tools to uphold racial categorizations, many still believe in the biological reality of race. Robert DeSalle and Ian Tattersall prove that when used properly, genetic tools fail to find genuine biological differences between races.

The shifting **FIRST AMENDMENT**

**GREGORY MAGARIAN, PROFESSOR OF LAW,
EXPLAINS HOW THE SUPREME COURT HAS
TURNED THE FIRST AMENDMENT ON ITS HEAD.**



Gregory Magarian teaches and writes about U.S. constitutional law, with a focus on the First Amendment. He also examines the church and state, and regulations of the political process.

Photo: Joe Angeles

WHAT IS THE FIRST AMENDMENT SUPPOSED TO DO?

That may seem like a strange question. The First Amendment, on a conventional account, straightforwardly protects speakers and the press from government censorship. The problem with that conventional account is that free speech isn't straightforward at all. A few examples: Should flows of data over computer networks count as speech? Should government interference with protests on government property — parks, sidewalks — count as censorship? Should whistleblowers like Edward Snowden and Chelsea Manning count as “the press,” and if so, what if any protection does the First Amendment give their exposure of government secrets?

These sorts of questions have always complicated First Amendment law. How you answer them depends, ultimately, on your deep normative ideas about freedom, democracy and power. Likewise, the courts that shape First Amendment law, most importantly the U.S. Supreme Court, make normative choices whenever they rule on free-speech questions. The First Amendment is always doing something.

In First Amendment law's formative decades, the 1920s through the 1960s, the Supreme Court's free-speech decisions protected political dissenters, socially marginal speakers and minorities of all kinds. *New York Times v. Sullivan* (1964) helped the civil rights movement get its message out. *West Virginia State Board of Education v. Barnette* (1943) shielded Jehovah's Witnesses from enforced patriotic rituals. *Tinker v. Des Moines Independent School District* (1969) let school children protest the Vietnam War. The major free-speech decisions of this period empowered the weak against the strong, broadened public debate, and created or expanded opportunities for promoting political and social change.

The free-speech ground started to shift in the 1970s. The Supreme Court continued to protect political dissent and journalism. However, the court also extended First Amendment protection to commercial advertisers and large-scale electoral spenders. Wealthy, powerful speakers came increasingly to occupy the court's First Amendment attention. More than that, the court started to promote the interests of those powerful speakers against the countervailing interests of the marginal speakers whom First Amendment law used to protect. When, for example, antiwar activists sought a First Amendment right to buy television advertising time, the Supreme Court, in *CBS v. Democratic National Committee* (1973), favored the broadcast networks' autonomy over the activists' desire to reach a large audience.

“Today, under Chief Justice John Roberts, the Supreme Court's biggest First Amendment winners are wealthy, powerful speakers: commercial data miners, intellectual property barons and, above all, wealthy political spenders.”
—Gregory Magarian

Today, under Chief Justice John Roberts, the Supreme Court's biggest First Amendment winners are wealthy, powerful speakers: commercial data miners, intellectual property barons and, above all, wealthy political spenders. For example, in *Arizona Free Enterprise Fund's Freedom PAC v. Bennett* (2011), the court barred states from offering candidates more public campaign financing when their opponents have bigger private war chests. Among the court's notable First Amendment losers under Roberts: political dissenters, labor unions, government

whistleblowers, prisoners, students and minority religious groups. In *Holder v. Humanitarian Law Project* (2010), the court held that the government could punish peace activists for teaching terrorist groups about nonviolent conflict resolution. Many people today, especially young people, view constitutional protection for free speech as a barrier to social progress. The present shape of First Amendment law gives that view great force.

But the shape of First Amendment law can change, as it has before. I write and teach about the First Amendment because I believe protecting free speech is essential for social progress. Speaking and writing are the most potent tools that liberal democracy offers for changing allocations of political and social power. My 2017 book, *Managed Speech: The Roberts Court's First Amendment*, criticizes present First Amendment law and advocates an alternative model of free speech that I call dynamic diversity. A First Amendment shaped by dynamic diversity would focus on expanding the range of participants and ideas in public discourse.

People who object to the debased state of First Amendment law should demand and build a different First Amendment, one that won't entrench the interests of a wealthy and powerful few but instead will promote robust debate and foster challenges to the established order. That, I believe, is what the First Amendment is supposed to do.

—Gregory Magarian is the Thomas and Karole Green Professor of Law.



Follow him on Twitter @GregMagarian.

CORTEX: Building on innovation and imagination

BY ROSALIND EARLY

The struggle is real in the Midwest when it comes to creating new jobs, retaining talented young people and maintaining industrial districts where the industry of yore has closed down. But St. Louis has confronted the problem head on with Cortex, an innovation community started in 2002 thanks to a \$15 million lead investment from Washington University. Other institutions joined WashU, including BJC HealthCare, the Missouri Botanical Garden, Saint Louis University and University of Missouri–St. Louis, and the coalition took a 200-acre, blighted industrial complex in St. Louis’ Midtown and turned it into a hip, mixed-use urban technology district that is home to more than 400 companies. Now, Cortex is a regional center for innovation and entrepreneurship that has brought in more than 5,800 jobs and \$342 million in direct payroll, and the district just keeps on growing.



HOST TO
7
FORTUNE 500
COMPANIES

6

more buildings
are in planning
stages

GENERATED
\$34 MILLION
IN TAX REVENUE
SINCE 2014



GENERATED MORE THAN
5,800 JOBS
AND COUNTING

CIC@CET

THEN

The Center for Emerging Technologies Building

NOW

After a three-phase, \$5 million overhaul, completed in 2016, the building now contains the CIC Labs, shared lab space. CIC (Cambridge Innovation Center) leases the lab spaces to budding entrepreneurs for \$600 per month.



IKEA

THEN

Abandoned, empty lot

NOW

It's Swedish megaretailer IKEA, known for its low-cost home goods with simple but elegant designs, all bearing Swedish names like Poäng and Ektorp. (Plus, it's bigger than the IKEA's in Atlanta and Minneapolis.)

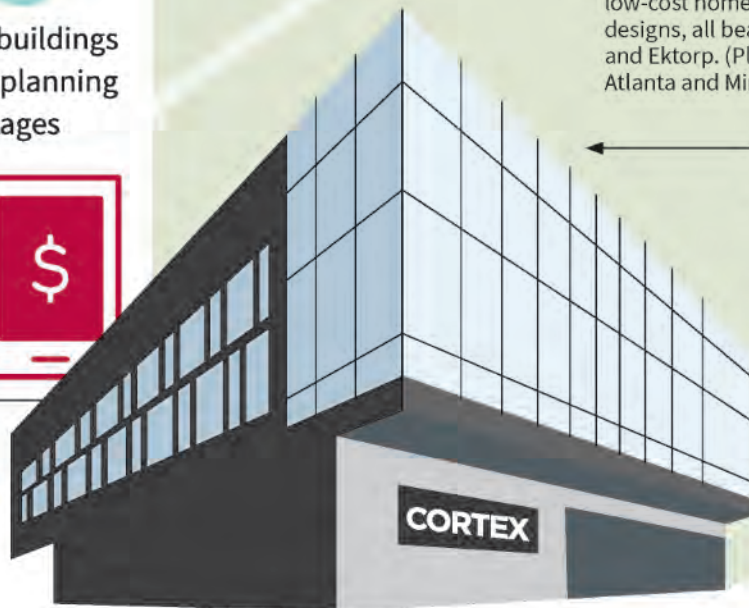
CORTEX ONE

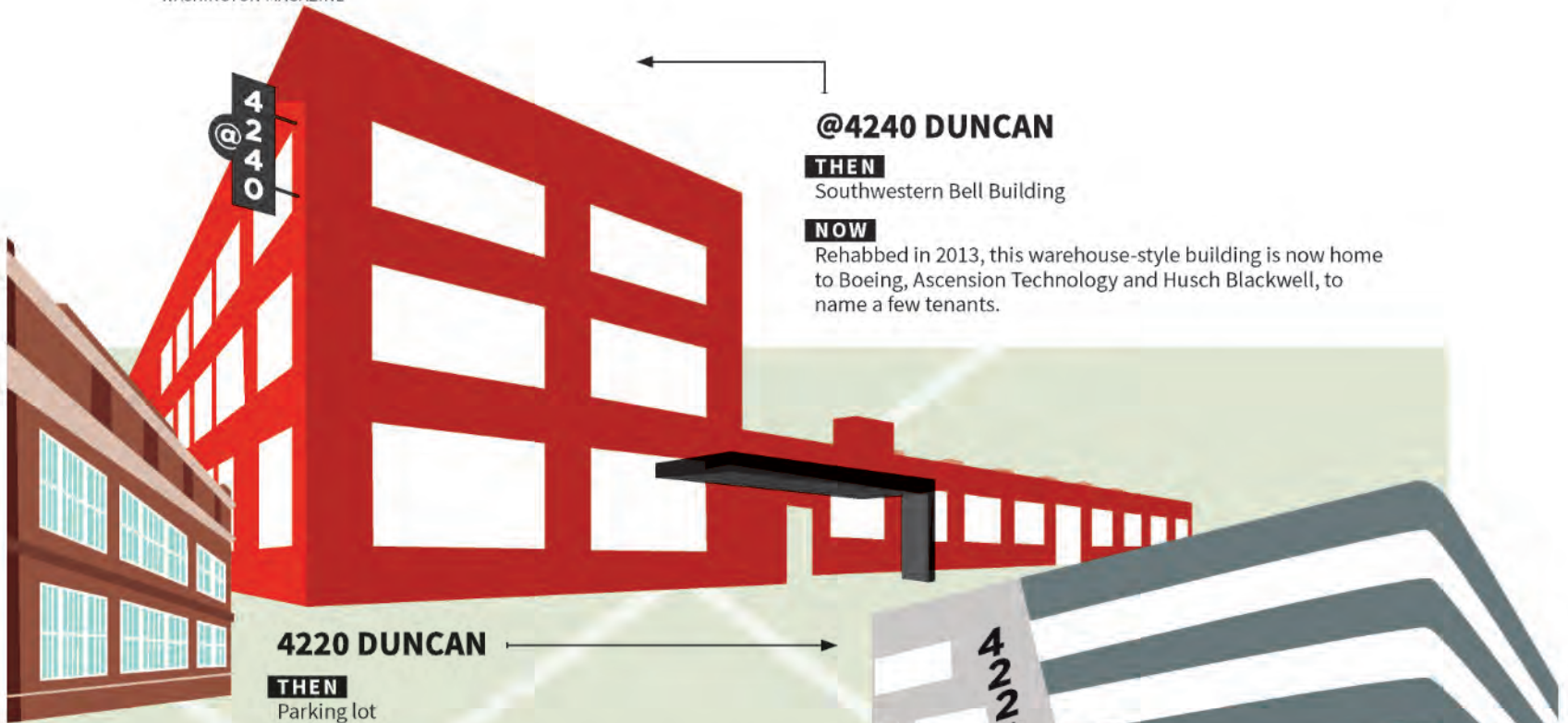
THEN

Crumbling industrial structures

NOW

A 177,000-square-foot office and lab space that the *Riverfront Times* described as “an expression of optimism and sophistication” when it was unveiled in 2006. Jim McKelvey’s Square is a main tenant.





@4240 DUNCAN

THEN
Southwestern Bell Building

NOW
Rehabbed in 2013, this warehouse-style building is now home to Boeing, Ascension Technology and Husch Blackwell, to name a few tenants.



4220 DUNCAN

THEN
Parking lot

NOW
A 180,000-square-foot office space and lab complex developed by Wexford Science and Technology and home to professional services firm Aon and Microsoft's regional headquarters (as well as the Chocolate Pig, a restaurant that serves things like sweet potato pie milkshakes and beet ceviche).



CRESCENT BUILDING


THEN
Rotogravure printing press for the *St. Louis Post-Dispatch*

NOW
After a recently completed \$44 million multi-tenant renovation, the space at 4340-50 Duncan caters to biomedical and biotech companies with 96,000 square feet of affordable lab space, creative office space and other services. Currently, the anchor tenant is BioGenerator, which invests in promising companies in St. Louis.

COFACTOR GENOMICS

THEN
Light industrial manufacturing building where components of MetroLink stations were built

NOW
Home to a company that provides full genome sequencing, DNA sequencing, RNA sequencing ... you get the idea.

 Go to magazine.wustl.edu to see a video.





Andrew D. Martin



NUMBER 15

Andrew Martin, a quantitative political scientist, became the university's 15th chancellor June 1, 2019. His official inauguration is scheduled for Oct. 3, 2019.

BY JEANNETTE COOPERMAN

“ CALL ANDREW ”

“Call Andrew” was his graduate students’ catchphrase. They said his sharply focused insight would always provide clarity and direction. In summer 2018, the university made such a call, and Andrew Martin answered, becoming the 15th chancellor of Washington University June 1, 2019.

Lee Epstein, the Ethan A.H. Shepley Distinguished University Professor, had no idea that Andrew Martin — whom she’d mentored as a PhD student and later co-authored a book with — was about to become chancellor of Washington University. Her partner was on the search committee but had kept the secret to the end.

“I was so stunned, I had to go into another room, and — it sounds sappy, but I cried,” she confides. “I’d never really experienced tears of joy before. But I was so happy for him and so happy for WashU. Andrew is extremely talented in many ways that match our needs: He’s diligent, he’s creative, he’s

honest. He’s hard-working and incredibly efficient. And on top of it all, he’s fun to be around, a great conversationalist, always full of ideas.” Very few people have his equal access to both brain hemispheres, she adds: “He’s very clear, very organized in his thinking, yet incredibly creative in how he looks at problems. He can spin out all kinds of implications that never would have occurred to me.”

With the announcement of Martin as chancellor, there were initially a few raised eyebrows: Is this someone who could bring a fresh and diverse perspective? But those who knew him knew he’d steer the right kinds of change.

“In under five minutes,” recalls one of his graduate students, Michael Nelson, MA ’11, PhD ’14, “people were emailing and texting that it was a wonderful decision and totally unsurprising, even though nobody had any idea he was in the running for the job. It just fit.”





Photo: James Byard

One of Martin's last undergraduates, Scotty Jacobs, BA '16, remembers thinking, "This makes so much sense. WashU is so lucky." And then, as it sank in a little deeper, Jacobs thought, "Wow. Not who I expected. But this is amazing."

For only the second time in its history, Washington University would be led by one of its own: a 45-year-old wunderkind who'd broken precedent by being hired back as a faculty member only two years after graduation, then gone on to chair his department at age 33 and become a vice dean of the law school — without a law degree — at 38. He'd been gone only four years, to a prestigious post at the University of Michigan, and his calm, practical wisdom had been sorely missed.

Now he was back to stay.



Thrilled to be away at college, Martin lugged his suitcase into his freshman dorm. Cinder-block, no air-conditioning. His new roommate, who had attended an elite high school in Winchester, Virginia, came from a family where generations had gone to William & Mary.

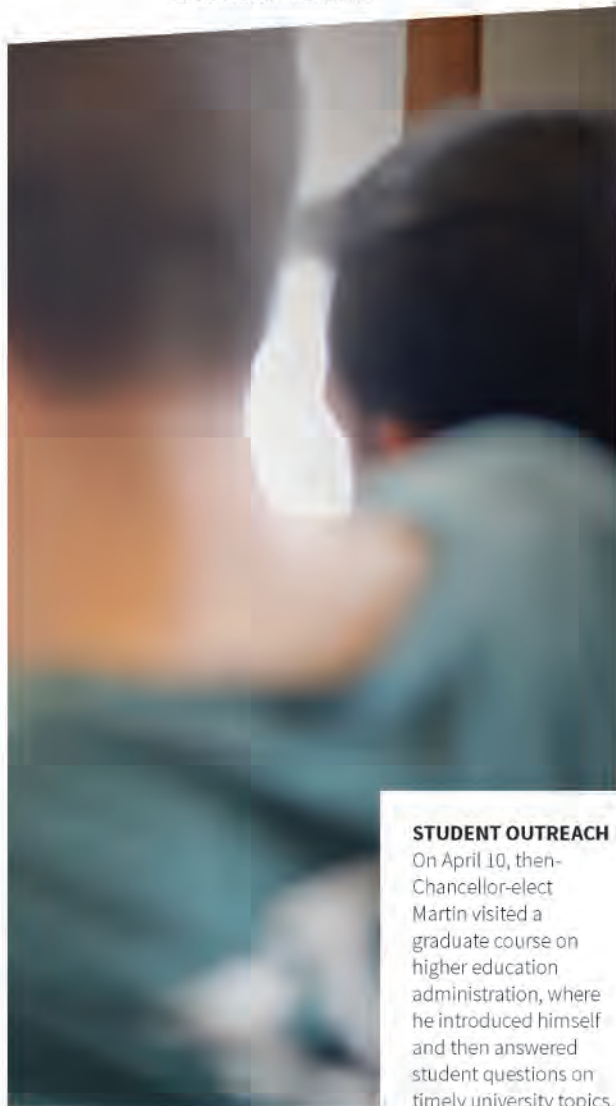
Most of the kids at Martin's high school in West Lafayette, Indiana, knew they'd wind up running their family's farm. He'd

chosen William & Mary because it was a public university that respected his budget constraints. And he'd wound up in this all-male dorm at the far end of campus because, he now realized, he was "one of the only ones dumb enough to have actually checked 'don't care' on the application."

But Martin was fiercely smart, and until now he'd been a little isolated. He saw his childhood self as "very geeky, wired a little bit differently from everybody else" — even his own family. If you chose three people from the planet at random, he doubted you could find any three more different than him and his two brothers. Since age 11, he'd been counting down the days until he could leave Lafayette in search of people whose world was bigger and more like his — crammed with knowledge and questions and ideas.

He took his dad's advice — "Treat college like a job" — and studied from 8 in the morning until 6 at night. Then he relaxed, hanging out, for the first time in his life, with

He took his
dad's advice:
"Treat college
like a job."



STUDENT OUTREACH

On April 10, then-Chancellor-elect Martin visited a graduate course on higher education administration, where he introduced himself and then answered student questions on timely university topics.

people whose backgrounds, beliefs and perspectives were far different from his own. He stopped making assumptions.

Martin double-majored in math and government because those were his two abiding interests. At age 7, he'd decided for some reason that George H.W. Bush was a better nominee than Ronald Reagan, and he'd gotten up early the next morning to see who'd won the primary. This started a trend where he'd get up after every primary to check the news. Theirs wasn't an especially political family, but he liked figuring out what was going on in the world.

He also liked the clarity of math. His dad had been a high school math teacher before becoming a banker, so the knack was probably genetic. But there were so many ways to apply math to solve real-world problems...

Martin didn't even realize the most important way, for him, until he asked a friend's dad, dean of the liberal arts college at Purdue University, to go to lunch with him and maybe help him figure out his next step. The dean listened for a bit and then asked, smiling, "Andrew, have you ever heard of this thing called political methodology?"

It slid into the keyhole and unlocked his future. By the end of lunch, he'd memorized the best PhD programs to mesh his two passionate interests: Rochester, Washington University and CalTech.

Rochester turned him down. But after one visit to WashU, he canceled his flight to L.A.



Now, on a day when he's talked for an hour with Chancellor Emeritus William H. Danforth, learned about breakthroughs at the med school's Center of Regenerative Medicine, chatted with undergrads, and met with faculty, Martin feels a flush of euphoria. It's not so long ago that he was walking this campus with a backpack, looking for strong coffee.

He loved those grad school years, and he made good friends — including one who kept saying, "There's this woman you should meet." Her name was Stephanie, and she shared his wry, sarcastic wit and values. But she was living in Seattle. About a year later, he had to fly to San Francisco, so he dutifully contacted this Stephanie person and asked if she'd like to meet him for dinner.

She said no.

A few days later, she called and said she'd changed her mind; she would travel to meet him. (A friend had asked why she refused. "Well, 'cause it's kind of weird," she said, then relented.) They met in a coffee shop, and he'd twisted his ankle jogging, so he came in limping and nervous. But despite the ankle, they walked around San Francisco, then parted until dinner that evening. When he showed up in a blue blazer and bow tie, she was charmed. And by the time he'd accepted his first faculty appointment, at Stony Brook University in New York in 1998, they were engaged to be married. Two years later, when their answering machine took a message from the chair of WashU's political science department, Stephanie guessed it instantly: "They want you back."

She was right, though later he'd learn it had been a "very contentious" discussion. "Are we going to bring someone back to our faculty who was here as a student only two years ago?" It just wasn't done — except when someone was as obviously right for the job as Andrew Martin. He created and taught an undergraduate quantitative methodology course. ("Tough, but a genius," the survivors reported.) He bolstered the graduate program and wound up in charge of it. He was a founding director of the Center for Empirical Research in the Law. By 2007, he'd become department chair.



In 2011, Martin took his first sabbatical ever, moving his wife and 3-year-old daughter, Olive, to Idaho for a year. His quantitative analysis of Supreme Court decisions and many other aspects of law and politics was still winning acclaim, but it no longer excited him.



Students recall Martin as a trusted and incisive adviser; go to magazine.wustl.edu for a sidebar.

Where he felt a rush of exhilaration was in administration, where he could tackle big, messy problems, bring order out of chaos, and assemble brilliantly talented teams that could actually get things done in the glacially slow world of university politics.

Everything in life was political, he'd realized. He didn't have to stay locked in a single discipline; he could turn his analytical skills on any problem in a university.

It felt like a fork in the road. But being an empiricist, he wanted a year to be sure.

In the quiet of the mountains, he read and thought. He put together the best grant proposal of his life, about machine learning and the law. He co-authored a book. He wrote an article so insightful that it snagged him a job offer at another university. And yet, as he gazed past his iMac's screen at Lake Pend Oreille with the slope of Gold Hill behind it, all he could think was, "Why am I doing this? It's nowhere near as much fun or as challenging as the administrative work."

Some academics need unbroken stretches of solitude to noodle their nonlinear way to a breakthrough. Martin was a different sort: the consummate problem solver, linear and efficient. He missed the energy of collaboration; the challenge of juggling a dozen balls while driving strategy forward; the satisfaction of bringing some sticky, thorny problem all the way to resolution. Even his initials were ADM.

It was time, he decided, to shift his energy to administration.



Martinis, lounge music, witty innuendo ... the "Dean Martin" farewell party in 2014 was a success despite the guests' sorrow. After his sabbatical, Martin had accepted the role of vice dean at the law school, which was "counterintuitive — I'm not a lawyer — but a perfect job, because it gave me experience in all the infrastructure of a university." He'd hoped to next become dean of an arts and sciences college.

He didn't want to leave WashU. It was here that he'd refined his intellectual powers, hit his stride, learned to lead. Not to mention that his cherished daughter, Olive, had been born here, a fact that would tie their family to St. Louis forever. If he left now, he thought sadly, he'd never come back.

Still, he was ready for that next challenge, and there was no opportunity at Washington University at the time. So he applied to be dean of the College of Literature, Science, and the Arts at the University of Michigan.

In Ann Arbor, he racked up accomplishments, boosting academic excellence, diversity, inclusion, fundraising. He established a program that braided learning with real-life experience and career goals.

Then, in late 2017, he learned there was an opening at his alma mater. Washington University's chancellor was stepping down.

"Why am I doing this? It's nowhere near as much fun or as challenging as the administrative work."



Photo: Jonathan



Martin's brother and sister-in-law, their three kids and Bernese mountain dog, and his sister-in-law's parents were all staying at his house when he flew home from St. Louis. He'd just been through a two-day grilling, starting with a Thursday evening dinner at the Saint Louis Club ("I now know three other dinners were taking place across town") and then interviews on Friday. Nobody but Stephanie knew where he'd been and why. On Saturday, he escaped the madhouse and took Olive, just turned 10, to her tournament Little League game in a small town about 15 miles south of Ann Arbor.

He was sitting in a lawn chair on the side of the school's ball field, watching as his daughter came up to bat. Fifth inning of a six-inning game, runners on all the bases. She whacked the ball, scoring a run that tied the game.

And his phone rang. Area code 314.

**MEET AND GREET**

On Sept. 25, 2018, students got the chance to visit with Martin. One of Martin's top priorities is a commitment to diversity and to excellence, which he says go "hand in hand."

Surely it was too early for them to have reached a decision. Maybe they just had some more questions. He answered, and Craig Schnuck introduced himself formally as the chairman of the board of trustees. I just saw you yesterday, Martin thought. "I am calling to offer you the position of the 15th chancellor of Washington University," Schnuck continued. (As it happened, the search and executive committees had convened after the last interviews Friday afternoon to discuss the final four candidates. The executive committee then met for further discussions and to vote. They voted unanimously to select Martin.)

Dazed, Martin accepted. Olive, sensing the call's intensity, shot him a curious look. He called Stephanie. Then he called Rebecca Brown, the WashU colleague he'd recruited to work with him in Michigan, and asked if she wanted to go home. And then, goosebumps subsiding, he watched the rest of Olive's game and drove home to share the news with Olive along with Stephanie.



As Martin guides me to a quiet table in the Danforth University Center (the DUC), two colleagues from his law school days approach, one demanding to know why his socks are so boring, the other demanding a hug. "We've missed you, man," the sock critic says.

Turns out the man in the impeccable pinstriped suit and starched white collar sports jazzy socks everywhere but a funeral. Today's are just a muted purple and charcoal print, but he says the sock designer he discovered years ago, Vivek Nagrani, once named a pair *The Martin* in his honor. Like his sense of humor, his mushy love for his daughter and his appointment as chancellor, the socks are an unexpected yet obvious match.

I've read his fiery 2018 commencement speech at the U of M, in which he deplored "the way the academic world has been sacrificing free speech on the altar of safety." Is there any kind of

safety a university ought to provide? “The physical safety of those in our community is paramount,” he says. “But I do not think it’s the university’s responsibility to keep people from having their feelings hurt or from hearing ideas they might find patently offensive.”

He’s caught his share of flak about being a white male at a time when many wished the university would have chosen someone who, well, wasn’t. “Look, I am who I am,” Martin says. “You’ve gotta look at the work I’ve done and the work I’m gonna do. You can’t hire one person who checks every box.” He makes a rueful face. “Of course, I don’t check any of ‘em.”

What scares him most about the job isn’t political critique, though. It’s the possibility of “letting down the community.” Does he care what people think of him? “I care a lot,” he says, “but the things I care about have to do with integrity and judgment. I don’t care if people like me so much, or if they like the decisions I’ve reached. But if they view me as someone with unquestionable integrity and good judgment, that’s something I aspire to.”

“Why Boston terriers?” I ask, veering deliberately. The Martins are on their second, and the breed — sturdy, intelligent, dogged — seems apt. He says they needed a little dog, because they like to travel and they’re “morally opposed to putting a dog underneath an airplane.” The current pup’s name is Danny: “Not our name. He came as Danny, and we thought it would be psychologically too complicated for him to change his name.”

Later, I call Stephanie, curious to see what Martin’s like at home. “Same guy,” she says. “He likes structure at home as much as he likes structure in the office. Olive and I are both slightly messier. He’s more Alex P. Keaton. He needs a little help winding down.” When he does, the wry sarcasm shifts to a “silly, sophomoric sense of humor,” she confides. You can imagine her eye rolls. You can also tell that she loves the way he “still keeps in touch with his guy friends from college.” As a family, the Martins watch a lot of sports, and Olive and her dad play gin rummy. He loves good food and wine — a refinement that still bemuses his mother — as well as golf; his fast, little car (a red Volkswagen Golf R, manual transmission); and the Backspin channel on Sirius, old-school hip hop and rap.



In April, Martin visits a graduate class in higher education administration. He gives an overview of his life that, diagrammed, would be straighter than a beeline, with nary a flowery digression. Martin ends with the questions he’s been asking himself: “How do we become a truly inclusive campus? How do we build an academic program to unleash the talent all our undergraduates bring? How do we build a larger number of programs of true international distinction?”

The students have questions of their own.

“For the next decade, front and center for us is going to be support for financial aid. ... I want every undergrad to be able to have the same experience here as the wealthiest students.”

How’s he going to begin moving toward need-blind admissions? “For the next decade, front and center for us is going to be support for financial aid,” Martin says. “I think we’re going to need to raise at least an additional billion dollars in endowment. And we can do that.” He pauses. “I want every undergrad to be able to have the same experience here as the wealthiest students. At Michigan, we looked to see where the gaps were.

Six percent of students didn’t have a laptop. It was impossible for students on financial aid to study abroad — or to take an unpaid internship in New York.” He tackled all of that, erased the obstacles. Now he’s working on filling in similar gaps at WashU.

When a student asks about the social experience of inclusivity, though, Martin throws the ball back: “There is work that can be done, particularly in student affairs, to help build community and meaningful inclusion. But at the end of the day, it’s got to come from the students. Certain norms are exclusionary. A lot of kids don’t have mom’s and dad’s credit card in their pocket, and if spring break is about going to Colorado to ski ... I think if students decided this was really important, they could actually lead on this issue in ways that would be infinitely more effective.”

Asked how the university can contribute to the surrounding community, he lights up. Earlier, he told me that “the important role this university plays in the city is unique in higher education.” Now, he says, “I think we have a moral responsibility to the city of St. Louis. We are — literally — a beacon on a hill. How do we serve the community? We’re not a social service agency, but with our educational mission, our research mission, our patient-care mission, there are lots of ways to serve.”

He mentions Cortex, “a wild success that’s created 6,000 jobs and turned empty warehouses into one of the most vibrant parts of the city. Yet that hasn’t at all affected the black/white income disparity in our



Photo: Joe Angeles

RELAY FOR LIFE On a chilly spring evening, then-Chancellor-elect Martin; his wife, Stephanie; their daughter, Olive; along with their dog, Danny, participated in Relay for Life at Francis Field. Opening the annual event, Martin spoke to the crowd: “I can venture to guess that every person here has been impacted in some way by cancer. I certainly have. You have experienced gut-wrenching pain and heartache. You’ve cried and you’ve mourned. Some of you have suffered, and some have wished you could take on the suffering of others. But because of institutions like WashU, with our Siteman Cancer Center and our partnerships with BJC and Children’s Hospital, I am confident that this terrible disease will not have the last word.”

city. It hasn’t affected the poverty rate.” Amazing as it is, the success “didn’t trickle down. We also have to be thinking about things we can do to help lift all boats — and for that, I think about education and health care.”

The next student begins: “Assuming you have finite resources —”

“A fair assumption,” Martin inserts with a grin.

“— do you double down on the programs that are effective?”

“You have to have a mixed strategy,” he says. “The places you have true distinction, if you are not continuing to invest in them, you are going to fall behind. You need to look at your menu of other programs: What financial investment would it take to move this into the very, very best? What things are here that would give us an advantage?” For example, WashU will “continue to invest in biology and plant sciences, because we have one of the world’s best faculties, botanical gardens and the Danforth Plant Science Center here. It’s kind of obvious.”

One of the last questions touches what, for him, is a raw nerve. (He’s even asked Epstein to teach a course with him in spring 2020

called “Free Speech on Campus.”) “If you don’t have freedom of speech on a college campus,” he says, “game over. We can’t be an institution where there’s a particular orthodoxy that we all have to subscribe to. It’s our responsibility to point out dumb ideas. If we have people taking provocative views that an overwhelming majority of our community thinks are downright wrong, it’s our responsibility to have that person come and talk, and do it in a safe way, and make sure that it triggers discussion.”

Do that, and you’re fulfilling the purpose that drew him to university life in the first place: knowledge creation. People flock to academic life for various reasons, he says. Some will say it’s the flexibility; others will rhapsodize about the life of the mind. “What I love is that everybody you run into is trying to better understand how things work, what the heck’s going on beneath the surface, what went on in the past, or what’s going to happen in the future.”

It opens up the world.





WASHINGTON UNIVERSITY HAS HOSTED LUMINARIES WHO HAVE INSPIRED AND CHALLENGED US. ALUMNI AND FACULTY RECALL THEIR MEMORIES OF HEARING THREE NOTABLE SPEAKERS ON CAMPUS.

ECHOES OF VOICES PAST

Washington University education does more than teach. It inspires. And one of Washington University's most remarkable traditions — bringing in prominent speakers on an almost weekly basis — is meant to do exactly that.

With the long-standing Assembly Series (which began nearly 70 years ago), annual Commencement and recognition ceremony addresses, as well as academic, student and alumni events, the university delivers, in any given year, a stellar lineup of speakers. Further, students have the opportunity to interact with these thought leaders during their time on campus. Cumulatively, these opportunities represent an education within an education — a chance for students to engage with big ideas, all within the day-to-day routine of student life.

These lectures remain a hallmark of the WashU experience, ever broadening our perspective. For many students, they also have had a transformative impact. In the following pages, we examine the special significance that three prominent guest speakers had for our alumni and faculty.

BY RYAN RHEA

◀ Alex Haley, Ruth Bader Ginsburg and Elie Wiesel (all pictured at left) are only a few of the leaders who have made a stop on campus to share their powerful ideas and stories. Below are a few more who have visited over the last 70 years:

Muhammad Ali
Maya Angelou
Margaret Atwood
Ray Bradbury
William J. Brennan Jr.
George H.W. Bush
Joseph Campbell
Jimmy Carter
Bill Clinton
Hillary Clinton
Ta-Nehisi Coates
Aaron Copland
Francis Crick
the Dalai Lama
T.S. Eliot
Bill Gates
Martin Luther King Jr.
Maya Lin
Sandra Day O'Connor
Linus Pauling
Eleanor Roosevelt
Maurice Sendak
Gloria Steinem
Kurt Vonnegut
Earl Warren
James Watson

LESSONS FROM THE PAST

ALEX HALEY

Alex Haley, author of the hugely influential novel *Roots: The Saga of an American Family*, came to campus in 1977 and again in 1990, each time exerting a great influence on the students he interacted with. His March 30, 1977, lecture was a major event, as *Roots* had been published less than a year before and the television miniseries based on the novel had aired only two months earlier. The novel was also then being translated into 22 languages to be read around the world.

Haley's lecture was held in Washington University's Field House to accommodate the large interest expressed across campus and in the St. Louis community. Local school kids took field trips to attend, and a special session with the press was arranged as well. At the time, Jan Taylor, BA '77, PT '79, was a senior serving as president of the program committee of the Association of Black Students (ABS) and played a key role in organizing the lecture and the Martin Luther King Jr. Symposium surrounding Haley's talk.

For Taylor, the novel *Roots* meant legacy, and she was able to relate it to her own family's stories. Her great-grandparents were the children of sharecroppers, and her great-great-great grandparents had been slaves. "It helped me connect those dots better. When you're young, you think they're just stories; but as you get older, you realize they were more than that. They were stories that happened. And they happened to people whose blood continues to flow through my veins," says Taylor, now a retired physical therapist in Baltimore. "That's what *Roots* did to me. It gave me pride in who I was, but also a sadness, realizing what my great-grandparents' parents, and their parents, had to go through so I could live."

Her fondest memory of the day Haley came to campus was not the speech itself but meeting Haley, as she and a few other very excited ABS students picked him up at the airport. Given the powerful influence

of his book, she was struck by how humble, quiet and peaceful Haley was, a man content with his own thoughts. "He didn't have to say a word because that power came through his gift, which was in writing and dreaming and investigating and sharing that knowledge with millions," Taylor says. "It let me know at a young age that it wasn't about who you talked yourself up to be; it was about the gift you had inside."

Taylor, who has kept a framed photo of herself and Haley ever since, remarks on the transformative impact Haley's visit had on her career and her life. "He impressed me so much that I began to reflect on just keeping quiet, taking time to think and allowing myself to dream. Talking too much may keep us from seeing other awesome possibilities and from being able to have a conversation with ourselves."

Alex Haley returned to the university in 1990, inspiring another generation of WashU students, including Kevin Foster, BSAS '93, MBA '98, then president of the ABS. In a conversation during a luncheon, Foster asked Haley what had inspired him to write *Roots*. Haley told him it was the stories he had heard as a child, sitting on his front porch listening to his grandmother, his aunt and his mom, that sparked his ancestral research. Haley then asked Foster to go home and talk to his great-grandmother about his own family. Foster says, "It was

"We are the people who were prayed for, that we would come to know a better day than our foreparents knew in which to live and grow. And I don't think you could design a better answer to the prayer than is sitting right here in this auditorium today."

—Alex Haley, excerpt from lecture, 1990



Photos courtesy Washington University Archives

the most rewarding thing I've ever done, because based on that conversation, I learned that my great-grandfather started a teaching school in Texas that turned into Butler College, which was later dissolved in 1972.

"That was the most powerful impact Alex Haley had on my life. He basically sparked my interest in learning more about my own history, emphasizing that you have to be that living witness to carry it forward or it just dissipates," says Foster, senior director of product marketing for a Boston-based technology company. "Now that I am a father of two children, it's incumbent on me to talk to them about my ancestry, so they may know who helped make them who they are today."



▲ Jan Taylor (left), BA '77, PT '79, as then-president of ABS's program committee, introduces Alex Haley to a packed crowd in the Field House in 1977.

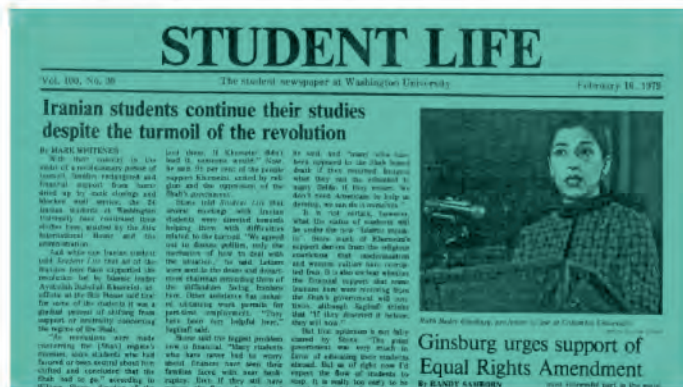
► Alex Haley (bottom left) participated in several discussion sessions during his 1977 visit to Washington University.

▼ Kevin Foster (left), BSAS '93, MBA '98, a former president of ABS, met Alex Haley in 1990 during the author's second visit to the university.



THE QUEST FOR EQUALITY RUTH BADER GINSBURG

Supreme Court Justice Ruth Bader Ginsburg has, across several decades, been one of the most effective advocates for equal rights. Her two visits to Washington University — in 1979 and 2001 — greatly enhanced the dialogue around equality on campus. Ginsburg (now popularly referred to as RBG) met with students and faculty, lectured and even contributed journal articles to the *Washington University Law Quarterly* (1979) and *Washington University Journal of Law & Policy* (2001). (See links to articles at magazine.wustl.edu.)



In February 1979, when Ginsburg first came to campus, Susan Frelich Appleton, the Lemma Barkeloo and Phoebe Couzins Professor of Law, was a young faculty member. Ginsburg, then a Columbia University professor, participated in the Washington University School of Law's Quest for Equality series, which consisted of nine panel discussions on equality during the 1978–79 academic year. (Future Supreme Court Justice Antonin Scalia, then a professor at the University of Chicago Law School, participated in the series as well.)

Appleton recalls Ginsburg's 1979 visit: "She compared two paths to gender equality: the Equal Protection Clause in the Fourteenth Amendment and the proposed Equal Rights Amendment (ERA). Noting the uneven success to date of litigation under the former,

she strongly advocated the latter as the more certain alternative.

"Keep in mind that her talk took place only a few months after the ERA's most ardent and famous opponent, Phyllis Schlafly, had received her JD degree from our School of Law," Appleton adds. "Although Schlafly prevailed in her quest to prevent the ERA from becoming part of the Constitution, the Equal Protection option turned out to be a very successful path after all — in large part because of RBG's efforts as a lawyer, scholar and justice."

Ginsburg returned to WashU in 2001, this time as a Supreme Court justice. For several days (including International Women's Day), she took part in the jurist-in-residence program, spoke to a law class about women and the Supreme Court, met with faculty, and delivered a public lecture.

Mia Eisner-Grynberg, BA '04, then a first-year undergraduate and now a federal public defender in New York, attended RBG's lecture and met her afterward. "As a 19-year-old, it was an unbelievable thrill that I could even be in the same room as such a person.

I remember her being particularly kind and interested in us and in our lives even as college freshmen," Eisner-Grynberg says. "Even as a lawyer now, I don't have those opportunities to meet a Supreme Court justice; very few people do. I was always thankful to the university for giving us that access."

"I did very well in law school; it was not possible to do much better. There was not a single law firm in the whole city of New York that would invite me to come even for an interview. I don't have two heads, so that wasn't a problem. I suspected that the door was closed because of my sex, so the barriers were there."

—Ruth Bader Ginsburg, panel discussion excerpt, WashU School of Law's Quest for Equality series, 1979

Law Professor Susan Frelich Appleton has met Ruth Bader Ginsburg several times, and once even enjoyed dinner with her and Supreme Court Justice Sandra Day O'Connor during a Washington, D.C., birthday celebration for Judge William Webster, JD '49. Here, Appleton offers some context on the significance of Ginsburg's legal career.

Prior to Ginsburg's advocacy, the Supreme Court had never applied the Equal Protection Clause of the Constitution to the sex- or gender-based classifications that had long

pervaded law, to the detriment of women and men alike. Ginsburg developed a powerful theory to bring that constitutional guarantee to bear on such discrimination. Simply summarized, Ginsburg's theory makes it impermissible for the state to differentiate between men and women based on stereotypes or generalized assumptions about their roles and abilities. This theory emerges explicitly in Ginsburg's legal scholarship, in the briefs and arguments that she presented to courts as an advocate for the ACLU's Women's Rights Project, and later in her opinions as a justice of the Supreme Court.

Ginsburg's antistereotyping theory has proved to be compelling and versatile. It not only paved the way for formal gender equality; it also has brought us closer to substantive gender equality. In addition, it has played a key part in successful challenges to discrimination based on sexual orientation, gender identity, race, age and disability. Justice Ginsburg could have more to say about her theory's reach next term when the court considers some of the new applications of the prohibition on sex-based employment discrimination.



▲ Elie Wiesel visited the university four times during his lifetime. In 2011, the Holocaust survivor, author and Nobel laureate served as Commencement speaker (above), discussing the power of love, acceptance and grace.

CELEBRATING OUR HUMANITY ELIE WIESEL

Holocaust survivor, Nobel laureate and acclaimed author Elie Wiesel visited Washington University four times across more than 40 years (1970, 1978, 1992, 2011), sharing his insight with several generations of students. In his last visit, Wiesel was the Class of 2011's Commencement speaker, leaving a lasting impression on those in attendance. Among them was alumnus Adam Pearson, DOT '11, an admirer of Wiesel's books, especially *Night*. "Learning about the experience of Wiesel's father in the concentration camp really helped open my eyes about the scope of what happened during that time," Pearson says. "I was struck by the horrors of the Holocaust but also the power of recognizing your place in the grand scheme of things and appreciating what you can bring to the table by leveraging your past."

On that warm May morning in Brookings Quadrangle, Wiesel talked of maintaining his faith in humanity despite all he had experienced, and he shared one of his favorite lines from Albert Camus' *The Plague*: "There is more in any human being to celebrate than to denigrate." Pearson, who was seated in one of the front rows for Wiesel's address, recalls: "Wiesel spoke without notes about the topics of love and acceptance and grace. I remember sitting in my seat, just blown away."

On occasion, Pearson still reflects on the impact Wiesel's humanitarian message had for him, especially in light of his work to help the chronically homeless in the St. Louis community and as manager of strategy for the Brown School's Envolve Center for Health Behavior Change (a partnership with Centene and Duke University). "At the Brown School, we talk a lot about diversity and inclusion and the ability to elevate the voices of those around us who have not been treated fairly or don't have agency themselves," Pearson says. "So every once in a while, I think about his words, about celebrating the good in people and not re-creating what was in the past."

Pearson also admires the courage it took for Wiesel to write about his experiences and apply what he learned to the future: "Those who survived have a story to tell. And there's some sort of obligation, as unfair as that is, to tell that story — to be a witness and let us know that we can be better than we currently are."

"... I believe that the human being — any human being of any community, any origin, any color — a human being is eternal. Any human being is a challenge. Any human being is worthy of my attention, of my love occasionally. And, therefore, I say it to you: 'When you are now going into a world which is hounded, obsessed with so much violence, often so much despair — when you enter this world and you say the world is not good today, good! Correct it!'"

—Elie Wiesel, excerpt from Commencement, 2011

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For audio excerpts of these talks, go to magazine.wustl.edu.



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Photo: Jay Fram



THE PROBLEM SOLVER

WITH SQUARE, LAUNCHCODE, THIRD DEGREE GLASS FACTORY AND MORE TO HIS NAME, ALUMNUS JIM MCKELVEY JR. IS OFTEN CALLED A SERIAL ENTREPRENEUR. IN FACT, HE HAS JUST NEVER MET A PROBLEM HE DIDN'T WANT TO SOLVE.

BY TERRI NAPPIER

WHEN JIM MCKELVEY HAS A PROBLEM, GOOD THINGS HAPPEN.

Have you ever been to a café and paid for your food with your credit card on an iPad? Bought something from a street vendor and swiped your card through a little gizmo (called a magstripe) attached to a phone? Then you've used Square, a service that lets small-business owners easily accept credit and debit cards. It's used by more than 2 million businesses around the globe.

It all started with a problem that McKelvey, BA '87, BSCS '87, had in 2009 when he was running his own small business, Third Degree Glass Factory, a studio for glassblowing and creating glass art in St. Louis. While trying to sell one of his signature glass bathroom faucets to a woman in Panama, McKelvey lost the sale because he couldn't accept payment via her American Express card.

McKelvey called Jack Dorsey (of Twitter fame), with whom he had already agreed to start a new business, and explained how he had lost a substantial sale. "I was talking to my buddy Jack on this device," he says, holding up his phone, "and I vented that it should be able to do anything that I would like it to do."

McKelvey's relationship with Dorsey had begun 20 years earlier when he hired Dorsey as a summer intern at Mira, a commercial document imaging systems company McKelvey founded with David Mitchell, another WashU engineer, in 1989. During his internship — and after Adobe Acrobat had begun dominating the imaging space — Dorsey helped McKelvey pivot Mira to a smart conferencing company, which is still a thriving business today. With Square, the two collaborated by first reviewing the limits of the existing technology and how it created havoc for small businesses. Then they set out together to create a mobile payment company as well as the prototype of the original hardware.

Today, Square doesn't just help small-business owners accept credit card payments; it can help them do payroll, submit invoices, apply for loans and more through the Square app. The swiveling iPad register



Courtesy photo

▲ Unable to sell one of his signature glass pieces to a customer in Panama using American Express, Jim McKelvey Jr., BA '87, BSCS '87, called Jack Dorsey, and the two set out to create the mobile payment company Square.

has become so ubiquitous as to be written up in the *New York Times* for how it's changing the culture of tipping. (Vendors can choose to prompt customers to tip on the pay screen.) And innovations continue. In fall 2018, McKelvey and Dorsey announced the creation of a Square terminal, new technology aimed at replacing existing credit-card readers.

At heart, McKelvey is a problem solver. He describes his days as time “spent on some problem that I consider significant and that

remains a problem until we can figure out a way to solve it. And once it's solved, I move on to the next problem.”

The inclination to solve problems took root when he was a Washington University undergraduate. As a college freshman in the early '80s, McKelvey took a computer-science course and found the textbook lacking. He



At heart, McKelvey is a problem solver. He describes his days as time “spent on some problem that I consider significant and that remains a problem until we can figure out a way to solve it. And once it's solved, I move on to the next problem.”

subsequently — and on a dare — wrote a new textbook on programming. The publisher

then approached him to write a second book, and McKelvey was a published author by his sophomore year.

McKelvey didn't limit his focus to computer science, however. He had been an economics major before delving deeply into the engineering curriculum (eventually double-majoring in economics and computer science). During his senior year, as an outlet for artistic expression, he also studied glassblowing in the art school.

“These different schools [Arts & Sciences, engineering, art] had a profound effect on my life,” McKelvey says. “And although I consider myself an engineer, I couldn't tell you which school was the most important for me.”

One result of his early achievement that proved very important, however, was an ability to join and often lead teams of the best and brightest. “One of the biggest lessons I've learned,” McKelvey says,

“is that it's always a team that gets something interesting done. The ability to work with people who are different from you — in many cases better and smarter than you — is absolutely critical. Those skills are precious.”

And McKelvey continues to hone those skills, building great teams to carry on the daily operations of his varied enterprises. “I'm looking for complementary skill sets in operators, folks who are able to continue the day-to-day cadence of operations, which I'm not particularly good at,” McKelvey says. “I've been fortunate to have had some great partners who have that ability — working together and making things a little better every day.”

“Making things a little better every day” could be the mantra for another of McKelvey's endeavors. When Square was first underway, it was headquartered in St. Louis. Yet Square's need for high-tech workers outpaced the region's capacity — unless Square had wanted to raid the high-tech talent from most other corporations in town. The company eventually had to move its headquarters to Silicon Valley to become fully operational.

Instead of moving on and leaving the problem of St. Louis' lack of high-tech workers unaddressed, McKelvey thought about the problem and possible solutions on multiple fronts. How could he engage those wanting to learn computer programming, as well as the firms that could help train and eventually employ those newly trained?

In 2013, he partnered with Chris Sommers, Dan Lohman, Chris Oliver and others to form LaunchCode. A nonprofit, LaunchCode provides free coding courses for those seeking a technology career and helps companies find skilled workers for the growing number of tech jobs through apprenticeships, pairing inexperienced programmers with experienced mentors.

The nonprofit also started an all-female community coding group, CoderGirl, in 2014; and that same year, LaunchCode was named the “Best Thing to Happen to St. Louis” by the *Riverfront Times*. Today, LaunchCode operates in four hub cities and surrounding areas, and works with more than 500 companies. More than 80 percent of its apprentices, nearly 2,000 individuals, have been converted to permanent employment after an average of three months on the job.

And that’s what McKelvey likes most about being a serial entrepreneur: “It’s individual impact,” he says. “Meeting someone whose business was changed by Square or whose career was started by LaunchCode or who learned how to blow glass or learned from my textbook is the most important thing. I love that I’ve been able to have some impact on people, and my sincere hope is that it’s been positive.”

His latest business venture, Invisibly, has the potential to reshape the entire Internet.

Right now, digital content creators and publishers continue to face daunting prospects for financial viability. Publishers typically convert just 2 percent of their audiences into all-access subscribers. Invisibly would work with publishers and advertisers to improve their ad technology, targeting only those users who have an interest in their products or services. Users would either agree to watch such targeted ads, building up credits by watching them, or make a micropayment through a digital wallet for content they’d like to access. The goal: to provide publishers with revenue for better content creation and to tailor users’ experiences according to what they actually want.

“I’m frequently afraid of some of the things that I try to do,” McKelvey says. “I get up, and I’m just freaked out by the magnitude of the problems that I’m working on. It’s like — Wow! How are we ever going to deal with this? And I hope that doesn’t show too often, but it’s there.”

The big question remains: Can Invisibly actually create the new revenue stream that publishers have been dreaming of and longing for to support the creation of better content? The quest across the industry has been akin to the search for the Holy Grail.

“I’m frequently afraid of some of the things that I try to do,” McKelvey says. “I get up, and I’m just freaked out by the magnitude of the problems that I’m working on. It’s like — Wow! How are we ever going to deal with this? And I hope that doesn’t show too often, but it’s there.”

Asked if he ever turns to his father, James McKelvey Sr., MS ’47, PhD ’50 — who is credited with transforming

Washington University engineering from a regional school to a nationally recognized research institution during his 27 years as dean — during times of uncertainty, McKelvey responds yes, but not in ways one would expect.

“My father is a living example of patience and humility,” McKelvey says. “It was not his advice; my father never turned to me and said, ‘Jimmy, if I were you, I would do x...’ Even when I ask for it, to this day he does not pontificate.

“But watching him, I would absorb the spirit of somebody who’s always been charitable and kind and modest, but also very accomplished. My father has been a great role model.”

TIMELINE OF A SERIAL PROBLEM SOLVER



AUTHOR
The Debugger's Handbook - UCSD & Apple Pascal
1986

AUTHOR
The Debugger's Handbook - Turbo Pascal
1987

Visiting Scientist
IBM
MAY 1987-DECEMBER 1989

CO-FOUNDER
(with David Mitchell)
Mira Smart Conference Inc.
1989



CO-FOUNDER
(with Doug Auer)

Third Degree Glass Factory

January 2001

AUTHOR
Art of Fire - Beginning Glassblowing
2006



Courtesy photo

▲ James McKelvey Sr., MS '47, PhD '50, was a dean of engineering for 27 years.



Courtesy photo

▲ Here, McKelvey Sr. (center) visits with the 1972 Langsdorf Scholars. Established by the dean, the merit-based fellowship provides full tuition for engineering students showing exceptional academic promise.

Wanting to honor his father and his legacy and impact on the School of Engineering & Applied Science, McKelvey, in 2016, provided the lead gift for James M. McKelvey, Sr. Hall. When complete in 2020, the building will house the entire Department of Computer Science & Engineering. Situated just south of Preston M. Green Hall along Skinker Boulevard, it will also include faculty spaces and labs for each of the school's five departments to promote collaboration.

"The engineering school was lackluster before my dad came on board," McKelvey says. "He and Bill Danforth put the engineering school on the map. And it is wonderful to acknowledge his efforts with something that will stand at the front of campus and commemorate a man who gave his life to the university."

Jim McKelvey and his wife, Anna, also recently gave an undisclosed naming gift

"Watching him, I would absorb the spirit of somebody who's always been charitable and kind and modest, but also very accomplished. My father has been a great role model."

to the engineering school, which has been renamed the James M. McKelvey School of Engineering in his honor. The gift will take innovation, technology and academics to new heights, building momentum by funding scholarships, professorships and the dean's highest priorities for advancing the school and its impact on lives in the community and around the world.

With this transformative gift, McKelvey would like the university, and engineering in particular, to become a talent magnet and talent creator for St. Louis and the world. Further, he would


like engineering students to be part of the collaborative teams working on and solving life's big problems.

A quintessential problem solver himself, McKelvey says that if he could convey one thing to these students, it would be the following: "We are so strongly encouraged to be right that it puts a burden on us to deal with only the small problems that have already been solved," McKelvey says. "To solve a big problem — one that hasn't been solved — we must be willing to be wrong, and to be wrong many times over. And it's not a desire to be wrong per se, but a willingness to be in that state for a while until one can finally emerge right."

 <p>Square January 2009</p>	<p>Co-Founder (with Jack Dorsey) & Director</p>	<p>CO-FOUNDER Cultivation Capital 2012 Venture capital firm that focuses on investing in technology and life sciences companies</p>	<p>CO-FOUNDER (with Dan Lohman, Chris Oliver, Chris Sommers) LaunchCode July 2013 Nonprofit organization that helps technology companies recruit skilled workers and provides free coding courses for those seeking careers in the field</p>	<p>FOUNDER & CEO Invisibly June 2016 Redesigning the online ad ecosystem, creating better digital experience for all</p>	<p>DIRECTOR FEDERAL RESERVE BANK OF ST. LOUIS January 2017</p> <hr/> <p>TRUSTEE Washington University October 2017</p>
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alumni PROFILES




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► KRISTINA OLSON, BA '03, has won a Waterman Award, the U.S. government's highest honor for scientists 40 and younger, and a MacArthur "genius grant" for her research on transgender youth.

Courtesy photo



TransYouth Project: Building bridges of acceptance

BY RYAN RHEA

Psychologist Kristina Olson, BA '03, wins one of science's most prestigious awards for her research on identity.

During her undergraduate years at Washington University, Kristina Olson, BA '03, wanted to better understand the origins of prejudice, so she double-majored in psychology and African and African American Studies (AFAS). That's how she first became interested in children's development in the context of race and, later, gender and social class. She also discovered her passion for research during these formative years.

"When I first got to WashU," recalls Olson, now an associate professor at the University of Washington, "I wanted to be a clinical psychologist. But I got involved in the research lab of [psychology] Professor Roddy Roediger and fell in love with doing research."

Olson's research is now opening up our understanding of childhood experience in underrepresented populations. In the first study of its kind, called the TransYouth Project, Olson is looking at kids who, prior to the study, transitioned to a transgender identity. The project began in 2013 and will track 300 subjects across 20 years, documenting what their lives are like from childhood to adolescence and eventually adulthood.

Olson has found that peers play an especially significant role in children's well-being. She's seen kids who've come out and transitioned be shunned by other children, who stop inviting them to birthday parties or stop talking to them at all. "Having teachers, families and communities model positive relations with trans people can help kids be kinder to their own peers who are transgender," she says.

Olson is also beginning to conduct research with children who are intersex, whose sex at birth isn't clearly male or female due to a range of chromosomal or biological traits. In collaboration with Seattle Children's Hospital, she will be exploring this population's gender development across time. Olson believes that today, unlike even five years ago, people are more open to nonbinary identities. "We are developing new language around gender and new understandings all the time."

In 2018, Olson was awarded the Alan T. Waterman Award, the U.S. government's highest honor for scientists 40 and younger, for her groundbreaking research on children's attitudes toward and identification with social groups. It is the first time the award was granted for research in the field of psychology, and Olson is the first woman to receive the \$1 million award since 2004. (This year, a second WashU alumna, Jennifer Dionne, BA '03, received the Waterman Award for her work in imaging dynamic physical, chemical and biological

processes with extremely high resolution. Dionne and Olson were in the same class year at WashU, and they lived in the same residence halls — Ruby and Mudd — their freshman and sophomore years.) Olson was also named a MacArthur Fellow later in 2018, an honor often referred to as the "genius grant."

Olson credits her undergraduate program for helping her find her penchant for research. "Having the opportunity to participate in research at WashU provided me a whole future career I didn't even imagine," she says. Olson is now paying it forward by developing research internship programs at the University of Washington and at Yale University, where she was a professor for five years after earning her doctorate at Harvard University. "We've been bringing students to my labs at both universities who either are at institutions lacking a lot of research opportunities or who are members of groups that are underrepresented in the sciences," she says.

Olson remains grateful for her WashU experience. "I really couldn't be the researcher I am today if I hadn't had professors along the way who supported my intellectual interests," she says. Of particular importance was Garrett Duncan, associate professor of education and AFAS. "He pushed me to think deeply about my own assumptions and taught me to care about the experiences of people who have lives different from my own."

"Having teachers, families and communities model positive relations with trans people can help kids be kinder to their own peers who are transgender."



Helping the UNSEEN

Photo: Andres Alonso

▲ BRUCE GOLDSTEIN, JD '80, is president and executive director of Farmworker Justice, which fights for better working conditions and wages for the 2.4 million farm workers in the U.S.

BY JULIE KENNEDY

There are about 2.4 million farm workers in the United States whose crucial role in our food chain remains invisible to most Americans. They work long hours in fields, orchards, dairies and ranches, often in poor or dangerous conditions with low pay and no benefits.

Bruce Goldstein, JD '80, has worked to alleviate these issues during his 31 years at Farmworker Justice, a Washington, D.C.-based nonprofit organization that gives farm workers tools to improve their wages, their health and safety, their immigration status and their access to the justice system. He has been

president and executive director of the organization since 2005.

“We’re trying to empower workers. That’s our mission and that’s how we succeed.”

“We’re trying to empower workers. That’s our mission and that’s how we succeed,” Goldstein says. Farmworker Justice also has won important legislation and court decisions on behalf of farm workers, he says.

In a recent case, Farmworker Justice helped represent a class of 200 Mexican workers who won almost \$1 million in lost wages from a Wisconsin company that processes cabbage into sauerkraut. Also, Farmworker Justice was among the groups that sued to stop the Environmental Protection Agency’s attempt to relax pesticide safety regulations and then helped pass federal legislation to protect farm workers from pesticides.

Goldstein’s interest in helping others traces back to Vietnam War protests and the civil rights movement, as well as his Jewish background.

“Growing up Jewish,” he says, “and being very aware of the Holocaust and discrimination against Jews caused me to recognize the difficulties that many people experience. I wanted to help people address unfair treatment.”

While studying labor and civil rights law at Washington University School of Law in the late 1970s, he had internships with Legal Services of Eastern Missouri and Land of Lincoln Legal Assistance Foundation in East St. Louis. Also, in 1979 he was one of the student leaders of an unsuccessful effort to ban U.S. military recruiters from the law school because of military discrimination toward LGBTQ people.

“We were ahead of our time,” he says.

Goldstein met his wife, Robin Talbert, JD '80, while they were at law school at WashU. Talbert is the former executive director of the AARP Foundation; today, she volunteers and is a consultant for nonprofit organizations. The couple lives in Silver Spring, Maryland, and have two grown sons.

Looking back at his career, Goldstein says, “I feel very fortunate that I’ve had the opportunity to pursue social justice on behalf of disadvantaged people. And I get paid for it!”



Follow him
on Twitter
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PROMOTING WOMEN'S RIGHTS IN UGANDA

BY MAGGIE GILROY

When Alice Emasu Seruyange, MSW '10, first met L. Lewis Wall at WashU in 2009, she revealed her dream of building a fistula hospital in her home country of Uganda.

"It can be done," Wall told her. But as a professor of sociocultural anthropology in Arts & Sciences and of obstetrics and gynecology at the School of Medicine, Wall warned Emasu that it would take about 10 years and \$2 million to build.

"And, by golly, here we are," Wall says. Today, Emasu is spearheading construction of the Specialized Women's Hospital in Soroti, Eastern Region, Uganda. The hospital is owned by Emasu's nonprofit, TERREWODE. Its official opening was Aug. 16, 2019, but the hospital began providing services in July.

This long-held dream of Emasu's formed after a decades-long quest in Uganda to eliminate obstetric fistula, a hole that forms near the vagina after prolonged obstructed labor. The condition can result in long-term health issues and, in some cases, death.

Emasu first learned of the condition when she was 18 years old, after several of her girlfriends died. The residents of her home village of Bululu were not initially forthcoming about the cause of their deaths due to heavy stigmatization tied to the condition, but Emasu later discovered that they had died of obstetric fistula. "When I found out, I felt totally shattered, and I started asking questions," Emasu says.

In 1999, Emasu founded The Association for the Rehabilitation and Re-orientation of Women for Development (TERREWODE), headquartered in Soroti. The nonprofit organization uses holistic methods for raising awareness of fistula, treating the condition and educating others to prevent it.

Meeting roadblocks while developing the nonprofit, Emasu chose to pursue her master's degree in social work in the United States, a country she learned has very low fistula rates.



Courtesy photo

Her studies at WashU's Brown School prepared her for the process of resources mobilization and building a hospital from scratch. At WashU, Emasu established relationships with both organizations and individuals who were instrumental to the evolution of the hospital.

Among her collaborators is Wall, who has visited Uganda several times since Emasu graduated to assist in the development of the

"I can see her vision, and I can see her magnitude," Theresa Spitznagle says.

hospital. "She has gradually emerged as the leading advocate for women with these injuries in Uganda," Wall says. Theresa Spitznagle, professor of physical therapy at WashU, is the vice chair of the Worldwide Fistula Fund, a nonprofit organization founded by Wall in 1995. The organization is providing a five-year budgeted grant to TERREWODE to stabilize the hospital's operating budget.

"I can see her vision, and I can see her magnitude," Spitznagle says. "Emasu is a charismatic woman who is asking the community what they want, and it's driving her decision-making on what [the hospital is] producing." Services will include treatment, surgical correction and rehabilitation of obstetric fistula.

"I am seeing what I dreamt over two decades ago becoming true with this hospital now being in place," Emasu says.

▲ ALICE EMASU SERUYANGE (right), MSW '10, has built the first hospital in Uganda specializing in treating obstetric fistulas. Here she is with a fistula survivor.



AN ONLINE VANGUARD

Photo: Andres Alonso

BY LESLIE GIBSON MCCARTHY

In the beginning, Jason Kint, BSBA '96, was simply a math and marketing major from Columbus, Ohio, who loved baseball statistics and dabbled in his dorm room on a thing called the World Wide Web.

He arrived at Washington University in the early 1990s, a time when “Web sites” were pages of links with maybe a photo or two.

“I was a huge sports fan who put together a bunch of baseball information, mainly for myself,” Kint says. “I put it out there, and immediately a lot of people started looking at it to get stats, scores and postings.”

Soon Kint was building websites for campus organizations. And one day, he found himself in the office of then-Provost Ed Macias, explaining code and browsers and creating the university’s first “For Students by Students” homepage. His work with two fellow students garnered a front-page print story in the university’s *Record*. By the time he was a senior, he had launched his own website-building company.

“The fact that the administration let me do all that showed an early awareness of the Internet as a place where young people could test new waters,” he says.

Kint has been working with the web ever since. And now, at age 45, he is helping shape online industry policy as CEO of Digital Content Next, a nonprofit trade organization consisting of more than 60 of the top digital media companies in the world.

Every step he took along the way led him to his role as a guardian of the digital-media galaxy. His first job? Helping launch and run the website of the then-110-year-old *Sporting News*, the venerable, stats-laden sports magazine, owned at the time by Times-Mirror Inc.

▲ JASON KINT, BSBA '96, is CEO of Digital Content Next, a nonprofit trade organization for digital media companies. He got his start in digital media working on the homepage of the WashU website.



Follow him on
Twitter
[@jason_kint](https://twitter.com/jason_kint).

“I knew the web,” he says. “But I knew nothing about how to organize and motivate a staff. I was humbled that I would even be listened to. But listen they did.”

Kint stayed with the company for more than 11 years, helping *SportingNews.com* refine its content, dive into social media and expand its fantasy sports business. He took on a greater role with publications under the Times-Mirror umbrella and then in 2007 moved into television with CBS Sports. There he helped develop March Madness on Demand and set streaming records for the Super Bowl and the Masters golf tournament.

His experience of the past two decades makes him uniquely qualified as he guides Digital Content Next in its role of shaping industry standards, conducting trainings and research, and educating the public in all things in the digital content ecosystem. The timing is more important than ever, with online titans such as Facebook and Google facing intense scrutiny. Kint calls them out on any overreach and makes sure the public knows what’s going on.

Kint calls keeping the industry in check a “constant revolution,” but one not without hope. “Younger people are coming into positions of influence bringing the same values [protecting individual rights],” he says, “but a different set of experiences and competencies. They grew up using these tools. They understand the way they work. And they care.”

Kint knows because he was once one of those young kids, dabbling in websites here at Washington University.



WHAT IT'S LIKE TO BE A **LIESPOTTER**

Pamela Meyer, BA '80, is founder and CEO of Calibrate, a corporate training company that specializes in deception detection. She is author of the 2010 book *Liespotting: Proven Techniques to Detect Deception*, and her 2011 Ted Talk, "How to Spot a Liar," has more than 22 million views. Here she talks about deciphering deception.

AS TOLD TO LESLIE GIBSON MCCARTHY

BEING ABLE TO READ HOW OUR FACES REVEAL OUR TRUE EMOTIONS is key to being able to tell whether someone is lying. My goal is not just to help people learn how to detect lies, but also to help them avoid getting lied to in the first place.

LIESPOTTING IS A THREE-PRONGED APPROACH that involves equal measures of scientific information, observation training and interrogation practice. It's not enough to recognize lies. It's the complex truth we're after. Spotting a lie is just the beginning. It's the question you ask next that matters just as much.

GETTING TO THE TRUTH REQUIRES CRITICAL SKILLS WE ARE NEGLECTING TO TEACH: inference, discernment, understanding nuance, understanding subtlety, demanding original source material and the patience to get hard data and confirm facts.

LIESPOTTING IS MORE IMPORTANT THAN EVER IN 2019

People have kids, they have obligations, they're taking care of parents, and they're working so hard. The notions that you should constantly expose yourself to the other side, should pursue facts and should get to original sources more often — these are all good notions. But the reality is that we like fast food, we like fast data, we like fast ideas. So we have a problem that's going to be harder to solve.

WHAT WE DO IS TRAIN PEOPLE HOW TO DETECT DECEPTION. We work with law firms, venture capital firms, hedge funds, government entities, all sorts of corporate entities. We'll help with forensic analysis if data has been exfiltrated or if there's been some kind of a hack or an issue of trust. But I like training employees because people can easily be empowered to figure it out on their own.

IT'S ALL ABOUT RELATIONSHIPS. When you have a team with high trust, it's essentially who you'd go to war with, and those relationships can be enormously gratifying and profound. So it's worth your time to figure out whom you trust and create that dream team even if it means weeding out the garden a bit.

AND TRUST IS LIBERATING. Trust allows you to create a palpable sense of value in your life. Trust accelerates our endeavors while deception gums up the gears. In business, all aspects of the negotiation cycle are costlier in the absence of trust: R&D, due diligence, legal negotiations, hiring and keeping staff. The economics of trust are often overlooked. Trust is the lubricant that allows the wheel of business to operate effectively, although we don't quantify it that way.

ON THE PERSONAL LEVEL, THERE IS A DISTINCT BENEFIT TO BEING ABLE TO SEE THROUGH PEOPLE'S OUTSIZED CAPACITY FOR FRAUD, their often-outrageous nerve, gall and chutzpah, and it pays to recognize it and signal you won't allow it rather than to be burned by it.



Follow her on
Twitter
[@Pamela_Meyer](https://twitter.com/Pamela_Meyer).

ELEVATING THE ARTS

VICKI MATCH SUNA

BY TRICIA HENDRICKS

While studying architecture at Washington University, Vicki Match Suna, AIA, BA '80, MArch '82, learned to approach all of life's endeavors with creativity. "My education provided me with a foundation for addressing issues and solving problems while being open to endless possibilities," she explains. "I am enormously grateful to WashU for everything I gained there — and how it has informed my career and work."

Match Suna has demonstrated her gratitude and dedication to her alma mater through her loyal service and support. She is a member of the Sam Fox School National Council and the New York Regional Cabinet and assisted *Leading Together: The Campaign for Washington University* as a campaign volunteer. This past July, she expanded her commitment when she was elected to the university's board of trustees.

Of her numerous volunteer roles, Match Suna has particularly enjoyed being involved in the university's recent capital project to transform the east end of the Danforth Campus. She served on a committee that helped select an architectural firm and advised the design of Anabeth and John Weil Hall, the latest addition to the Sam Fox School of Design & Visual Arts.

Her daughters, Zoe, BA '14, and Rose, BFA '18, also engaged with these efforts, participating in a lively discussion at an event Match Suna hosted in New York City in 2016 to review the architect's plan for Weil Hall in the context of the overall

"I was very excited about the concept of Weil Hall being a truly integrated and collaborative environment where students from different disciplines and schools can work side by side," she explains.

transformation. Sharing a connection to Washington University has further strengthened the bond between mother and daughters.

The project inspired Match Suna, a longstanding scholarship supporter, to make an investment to establish the Match Suna Family Seminar Room in Weil Hall.

"I was very excited about the concept of Weil Hall being a truly integrated and collaborative environment where students from different disciplines and schools can work side by side," she explains. "My family wanted to support it and chose the seminar room because it facilitates those kinds of interactions."

Match Suna is thrilled to have been a part of this important initiative. "This transformation project has restored great aspects of the original campus plan, revitalized the east end and ensured that it sustains the excellence that defines the institution," she says. "It reminds me of what we did at NYU Langone."

For the past 25 years, Match Suna has served NYU Langone Health, where she is senior vice president and vice dean for real estate development and facilities. During her tenure, she has led the planning and implementation of the medical center's 12-year campus transformation project, the most extensive revitalization in its history. The transformation has included the launch of the NYU Langone Art Program and Collection, conceived by Match Suna, which integrates artwork into the center's facilities.



“Through this comprehensive project, we have been able to reinvigorate the campus, restoring its original concept in a new and fresh way while we upgrade and expand,” Match Suna says. “I am extremely proud that we have created a cohesive environment across the campus that reflects the exceptional quality of what we do.”

Before joining NYU Langone’s staff, Match Suna practiced architecture in her native New York City. While she was initially hesitant about the transition from practice to campus planning and facilities, she has found her role at NYU Langone highly rewarding. “It has been a great opportunity to be part of a community of extremely talented and dedicated individuals helping advance our mission: excellence in patient care, education and research,” she says.

Washington University recognized her outstanding professional achievement and extraordinary alumni leadership with a 2016 Founders Day Distinguished Alumni Award and with a Distinguished Architecture Alumni Award and Alumni Achievement Award from the Sam Fox School, both in 2014.

“Vicki is passionate about architecture, art and design practice and education, and she understands the enduring value of the arts to enrich and enhance lives,” says Carmon Colangelo, the Ralph J. Nagel Dean of the Sam Fox School and E. Desmond Lee Professor for Collaboration in the Arts. “We have been so fortunate to count her as a dedicated adviser, a generous donor and an exemplary friend of the school and the university.”

Heard *on the Quad*

Washington University alumni traveled from across the country — and around the globe — to reconnect with friends, revisit old memories and create new ones during Reunion at Thurtene Carnival. Food, fun and plenty of nostalgia were on the menu at the annual Alumni BBQ, held on Brookings Quadrangle. Here's a taste of what celebrants had to say about being back on campus for Reunion weekend.



Reunion photos: Camrindy Creative

▲ Long flights couldn't keep these five alumni who live abroad from returning for Reunion. (From left to right) Daniela Lehmann, BS '09, MA '09, traveled from Zehdenick, Germany; Carolyn McKenzie, BA '04, from Santiago, Chile; Deepak Nagrani, BSBA '94, and Gabrielle Dinkin, BA '14, from Singapore; and Alice Lui, BA '89, from Hong Kong.

"The university really impresses me in terms of what it has accomplished in the last three decades under the leadership of William H. Danforth and Mark S. Wrighton. I'm very proud of it."

—Alice Lui, BA '89, who traveled from Hong Kong to attend Reunion



▲ Friends from the Class of 2009 reunite at the Alumni BBQ.

"I can't really put into words what it's like to see so many smiling, happy faces that were a part of my college experience. I have so many good memories and great relationships from here."

—Patrick Buggy, BSBA '14



"WHY WOULD YOU NOT COME BACK? I LOVE IT HERE!"

—Mary Bartling, MLA '10, DLA '18

▲ No Reunion is complete without a Bear hug. Alumni enjoy a spirited afternoon at the Alumni BBQ.



“This is the only Reunion [of mine] that will take place while my daughter [Sophie Dinitz, Class of 2022, Sam Fox School of Design & Visual Arts] is a student here. The university has grown so much. It’s a wonderful, special place. My daughter is really happy here, and that makes me very happy.”

—Andi Dinitz, BFA ’89

▼ Wearing scrunchies, sweatshirts and hats, members of the Class of 2014 display their WashU pride during the Alumni BBQ.



▲ The Alumni Association Travel Program went on safari in Southern Africa in 2019.

Courtesy/Photo



Struck with a case of **WANDERLUST?**

The Washington University Alumni Association has just the cure. Each year, the Alumni Association Travel Program plans a dynamic slate of trips for alumni, parents and friends. Organized in collaboration with trusted travel partners, these journeys remove the logistical burden and guesswork so travelers can focus on the experience of discovery. Visit travel.wustl.edu for complete details about the 2020 Alumni Association Travel Program schedule.

2020 ALUMNI ASSOCIATION TRAVEL PROGRAM DESTINATIONS

GALAPAGOS ISLANDS

Jan. 23–31, 2020

Featuring Michael E. Wysession, professor of earth and planetary sciences

LEGENDS OF THE NILE

Feb. 4–15, 2020

CRUISING THE WINDWARD ISLANDS

Feb. 22–29, 2020

DUTCH WATERWAYS*

April 3–11, 2020

JOURNEY ALONG THE ELBE

May 3–14, 2020

INLAND SEA OF JAPAN

May 19–30, 2020

TANZANIA SAFARI

June 18–29, 2020

SWISS ALPS AND ITALIAN LAKES

July 29–Aug. 7, 2020

TREASURES OF PERU

Aug. 24–Sept. 3, 2020

SORRENTO: THE CHARM OF THE AMALFI COAST

Sept. 30–Oct. 8, 2020

APULIA: UNDISCOVERED ITALY*

Oct. 7–15, 2020

WILD CALIFORNIA ESCAPE: CHANNEL ISLANDS NATIONAL PARK

Nov. 17–21, 2020

*Indicates trips without single supplements for solo travelers. Trips and dates are subject to change.

remember when ...

We've been showcasing your memories in the digital edition of *Washington*, and now we have a spot to share them in print. Please continue to share them with us at wustlmageditor@wustl.edu.

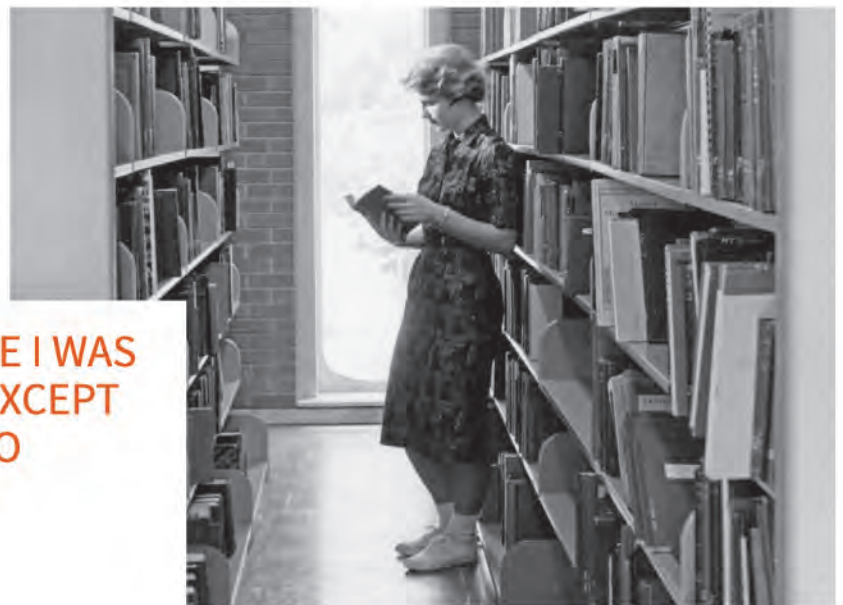
"My memories are simple, but they make me so happy. I recall strolling around the campus and feeling very proud to be there. WashU has been a great place in St. Louis history, and as I was growing up, I included the campuses in my tours of the city, which confused [at first] friends and family. But they were always impressed with the magnificent old campus. And then they were also gobsmacked when I took them downtown to the med school. Thank you for being there and keeping it great!"

—Ted Washburne,
BSPT '85



50

▲ Brookings Quadrangle in 1974 looks similar to the Quad of today; it's always been a favorite place for students to hang out, study and socialize.



"I GOT LOCKED IN THE LIBRARY WHILE I WAS STUDYING — NOTHING RESULTED, EXCEPT I THOUGHT I HAD DIED AND GONE TO HEAVEN. I LOVED THE LIBRARY."

—Theresa Riley Shaw,
MAEd '90

▲ In 1960, a student (not locked in) finds a quiet place to read in Gaylord Music Library. (Top, middle) A classroom in 1959–60, including some ROTC students.



“I started in chemical engineering and ROTC in 1959. Then I had to leave due to the Vietnam War. I returned to University College in 1966 and finished in the business school. I went on to study at other universities and received graduate degrees. I taught business courses at colleges and universities all over the United States. As a guest, I have attended Washington University Century Club seminars. And I believe Washington University is the best university in the country.”

—Donald Loeffler,
BS '72

▼ Jerry Garcia and the Grateful Dead performed in the Quad in 1969 and included a 21-minute version of the classic “Dark Star.”



“I will always remember strolling and holding hands with my girlfriend in Brookings Quadrangle. Courtships in college were very special and honest because students focused on character and were not influenced by wealth and job status.”

—Jim Arger,
BA '69

“The Grateful Dead in the Quadrangle, Bonnie Raitt at Graham Chapel, Dick Gregory at the Field House, Ramsey Clark and former Black Panthers speaking at Graham (not together).”

—Susan Keller,
BA '72, MSW '73

▲ Students holding hands has been a common sight on the South 40 as well as in the Quad.



CLASSNOTES

WE WANT TO HEAR ABOUT YOU!

Let us know about recent promotions, honors, appointments, travels, marriages and births, so we can keep your classmates informed about important changes in your lives.



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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.

ALUMNI CODES

AR Architecture

BU Business

DE Dentistry

EN Engineering

FA Art

GA Graduate Architecture

GB Graduate Business

GD Graduate Dentistry

GF Graduate Art

GL Graduate Law

GM Graduate Medicine

GN Graduate Nursing

GR Graduate Arts & Sciences

HA Health Care Administration

HS House Staff

LA Arts & Sciences

LW Law

MD Medicine

MT Manual Training

NU Nursing

OT Occupational Therapy

PT Physical Therapy

SI Sever Institute

SU Sever Institute Undergraduate

SW Social Work

TI Technology & Information Management

UC University College



Freshman camp race, 1948

1948

Russell Freeburg, LA48, published a memoir, *Inside the Front Page*, about his career in journalism as a reporter, Washington bureau chief and managing editor at the *Chicago Tribune* in a media world in which newspaper dominance was surmounted first by television and then by the digital age.

1953

Thomas B. Martin, LA53, LW56, retired in 2011 after a career in law, first as a prosecuting attorney for St. Louis County, followed by 52 years as a corporate lawyer with Emerson, Olin Corp. and Ralston Purina, among others. In 2016, Martin, a lifelong St. Louisan, took up singing the songs of the Great American Songbook. He has had solo performances in St. Louis and at the renowned Don't Tell Mama cabaret club in New York City. He sings regularly at Keypers Piano Bar in St. Louis.

1954

Aryeh Wineman, LA54, published *The Hasidic Moses: A Chapter in the History of Jewish Interpretation* (Wipf and Stock, Pickwick Editions, 2019). The book is dedicated to the late Huston Smith, who taught in WashU's Department of Philosophy and profoundly influenced Wineman.

1958

Robert Cooney, BU58, LW58, had a 40-year career at the Department of Justice and in corporate law. When he retired 20 years ago, he lived in the mountains but now lives on the beach. Cooney says he has been blessed with a wonderful wife, four children and nine grandchildren.

1962

Thomas O'Neal, BU62, was inducted into the St. Louis Tennis Hall of Fame in April in recognition of his achievements in the St. Louis tennis community. A co-founder of the St. Louis Aces of World Team Tennis, O'Neal founded the St. Louis Tennis Hall of Fame, which since its inception in 1990 has honored 62 members.



Men's soccer, 1964

1964

Gordon Black, LA64, moved from Versailles, France, to Northern California in 2013 after suffering a stroke. Fully recovered, he spends his time in retirement reading, following politics and trying to lower his golf score. Black says he enjoys his three children and five grandchildren and that he and his wife, Annika, whom he met in New York shortly after the 9/11 disaster, love to travel.

1965

Diana Burchfield, FA65, received The Audubon Artists Society's 2018 Frank Webb Award in Aquamedia for her watercolor titled "Composition."

Majorettes, 1958

Photos courtesy Washington University Archives

1966

Patrick Higgins, AR66, GA69, is retired, has remarried and has 17 grandchildren and five great-grandchildren.

1969

Joel Achtenberg, LA69, SW96, is retired and living in St. Louis' Central West End. He balanced a 35+ year career as database manager and research analyst at Washington University and the School of Medicine, with an all-too-short career as a licensed clinical social worker, leading social-emotional learning groups for boys and volunteering with various nonprofits.

Jim Gagen, LA69, was inducted into the St. Louis Metropolitan Football Coaches Hall of Fame in May. In December, he will be inducted into the National Interscholastic Athletic Administrators Hall of Fame at the group's annual awards banquet.



Cheerleading, 1971

David S. Luecke, GB69, GB71, vice chancellor for university services at WashU from 1976–79, celebrated his 52nd anniversary of ordination into Lutheran ministry. His website, www.WhatHappened.church, has 6,200 followers to whom he sends a weekly blog. Luecke is the author of *What Happened to Our Churches: A Collection of 26 Conversation-Starting Blogs About Regaining Spiritual Energy*.



Students on the South 40, 1973

1970

Bruce Kelsey, BU70, retired in mid-2017 from the 18th Judicial Circuit Court of Illinois, DuPage County.

1971

Jim Marx, EN71, and **Cindie (Lowery) Marx**, LA71, shared news of the marriage of their daughter, Bethany Claire Marx, to Chad Thomas Morey. Jim and Cindie recently celebrated their 46th wedding anniversary with their family at Walt Disney World. In 1970, while at WashU, Jim was an honorable mention Associate Press All-American in football.

Susan (Neidenberg) Weingarten, LA71, earned a certificate in psychoanalysis at the Westchester Center for Psychoanalysis and Psychotherapy, in New York.

1975

Barbara Dunn, FA75, principal and studio director at Gensler, was named by *Los Angeles Business Journal* as one of LA's most influential women in construction and design.

Andrew Landorf, LA75, creates "The New 60," a twice-weekly web comic about life for people in their sixties, with illustrator John Colquhoun. Subscribe at thenew60comic.com/ subscribe.

1976

Kenneth Berg, LA76, who practices in securities litigation with Ulmer & Berne LLP, was named to the 2019 list of Illinois Super Lawyers.

Fred Horowitz, LA76, DE79, was a contributing author to an American Dental Association guide, *CDT 2019 Code Companion*. Horowitz

is president of PrimeCare Benefits, Inc., an insurance holding company in Nevada.

Terry Martin, UC76, SW77, wrote *The Journey Home from Treatment—A Study of Complementary Treatment* (Outskirts Press, 2016).

1978

Rick Eisen, LA78, a founding partner of Growe Eisen Karlen Eilerts LLC in Clayton, Mo., was named a Super Lawyer in the area of family law for the sixth year in a row. He recently co-authored an article in the *Journal of the Missouri Bar*, "The Tax Cuts and Jobs Act of 2017 and the Economics of Maintenance Payments." Rick and his wife, Marci, live in University City, and their three children are scattered across the country.



Packed classroom, 1976

Paula Marie Young, LA78, LW82, contributed five chapters to *Qatar: Political, Economic, and Social Issues* (Nova Science Pubs, May 2019). She continues to serve as clinical faculty at Qatar University College of Law and travels frequently to Asia and Africa.

1981

Carl Billian, SI81, is the founder of Elite Sport and Personal Injury Centers in Atlanta, a collaborative, entrepreneurial neurology clinic for head injuries, concussions, sleep disorders and cognitive issues.



Commencement, 1982

Alice (Wasserman) Darter, LW81, president of Darter Specialties, Inc., in Cheshire, Conn., is moving the company to a new headquarters and production facility, which will triple the facility size. She reports that substantial year-over-year growth has driven the need to grow the facility, equipment and staff.

1983

Michael Barry, EN83, SI88, an administrative patent judge, recently relocated from Boston to Seattle.

Paul Obrock, DE83, is chair of the Illinois section of the Pierre Fauchard Academy, named after the French physician who wrote the first scientific textbook specifically on the oral cavity. Among his responsibilities as chair, Obrock evaluates nominations for the academy's fellows program.

Daniel L. Schmidt, LW83, is serving as this year's presiding justice for the Appellate Court of Illinois, 3rd District. Schmidt has been on the court for 17 years.

Gabriel Spalding, LA83, is director-at-large of the American Association of Physics Teachers. He continues his work as Ames Professor of Physics at Illinois Wesleyan University.

1984

James Hardin, GB84, LW84, joined JP Morgan Private Bank in St. Louis.

Conrad "Shawn" S. Kee, LA84, LW87, is office managing principal at the Salt Lake City office of Jackson Lewis PC. Kee focuses his practice on employment litigation, including unfair competition and trade secrets, internal investigations and international employment issues.

1985

Pamela (Lackritz) Kuehling, BU85, PMBA89, is responsible for \$113 million in annual purchases as director of procurement for the city of St. Louis. Kuehling is proud to hold a Lean Six Sigma Black Belt certificate.

Lloyd R. Schwed, LW85, president and founding partner of Schwed Kahle & Kress, PA, received the Legal Aid Society of Palm Beach County's Pro Bono Civil Litigation Award for his work on behalf of a local charity. Schwed recently won an \$18.2 million arbitration award in *Gomez et al. v. UBS Financial Services, Inc., et al.*

1986

R. Brooke Hollis, GA86, was promoted to professor of practice in policy analysis & management and to executive director of the Institute for Healthy Futures (IHF) at Cornell University. Hollis continues serving as associate director of the Sloan Program in Health Administration at the university. He was selected for the Cornell President's Award for Employee Excellence for his collaborative work in developing the IHF.

Andy Judson, BU86, celebrated the 17th anniversary of his marketing communications firm, The TOPSPIN GROUP. The Princeton, N.J., agency creates advertising, digital programs and packaging for pharmaceutical and consumer packaged goods clients.

Landis York (Cheryl White), FA86, joined the University of California at Riverside as resident costume designer/costume shop manager in December 2018. Previously, she was adjunct faculty at Mesa Community College in Arizona.

1987

Megan (Esch) Fox, LA87, is in her 10th year with the Youth & Outreach Services division of the Laramie County Library System, Cheyenne, Wyo. Fox says she loves windy Wyoming, which she considers a small town with long streets.

Kent Hunold, EN87, is on the global team at PepsiCo. Hunold lives in and works from Italy, supporting teams in Asia and Europe.

Charlene Laurence-Carbonatto, SW87, is a senior lecturer and program manager

of the Master of Social Work Health Care Program at the University of Pretoria, South Africa. She teaches both undergraduates and postgraduates, and specializes in reproductive health, infertility, women's health, HIV and AIDS, mental health and geriatrics.

1988

Sterling Miller, LW88, released his third book, *The Slow-Cooker Savant: Become a Dinner Hero 52 Weeks of the Year!* (Mill City Press Inc., 2018).

Kelly (Byrnes) Wolf, SW88, is pursuing a license as a nursing home administrator at Alaris Health, which has health centers throughout New Jersey.



Cycling on campus, 1989

1990

Paul Rychek, LA90, a retired IT consultant, has lived in eight countries and visited 31. He enjoys biking, skiing, diving and community theater.

1991

Beth (Goodman) Maser, LA91, was recently named president of History Associates, a Rockville, Md., consulting firm whose historians and archivists research and write histories, create educational experiences, preserve and manage historical content, and conduct specialized



Men's basketball, 1991

historical research for corporations, government agencies, law firms and nonprofit organizations worldwide.

1992

Sandra Van Trease, EMBA92, BJC HealthCare group president and president of BJC HealthCare Accountable Care Organization (ACO), was elected to the board of directors of the National Association of ACOs. ACOs are health-care organizations comprising groups of doctors, hospitals and other providers taking responsibility for delivering high-quality, coordinated care as well as managing the total cost of health care for their patients.

Meredith Welsch-Strauss, LA92, a licensed clinical social worker, operates a private practice, Light Street Psychotherapy, in Maplewood and Short Hills, N.J.

1993

Brittany Collier-Gibson, LA93, last year earned a doctorate in educational policy, leadership and administration from The Ohio State University. Now a faculty member at the university, she teaches preservice teachers and advises students in their research studies. Collier-Gibson recently launched Collier Educational Consulting, which works with school districts and teachers for enhanced professional learning.

Matt Kahn, BU93, is executive vice president of marketing and innovation for Celsius Holdings in Boca Raton, Fla., which markets four lines of performance energy drinks.

Lauren (Heller) Kerstein, LA93, SW95, an author and psychotherapist, recently released a debut picture book, *Rosie the Dragon and Charlie Make Waves* (Two Lions, 2019).

1994

Steve Zolin, FA94, created and installed three large sculptures (6', 10' and 14' high) for the lobby of the new AC Hotel New York Times Square at 260 West 40th St. See his work at www.stevezolin.com and on Instagram @stevezolinart.

1996

Karina Clarke, LA96, last year earned a doctorate of philosophy in modern languages and literatures with a major in Spanish. Clarke has taught Spanish as a faculty member at Metropolitan Community College of Omaha for 13 years and was recently appointed as adjunct faculty for Latin American culture at Bellevue University, a private, nonprofit university focusing on adult education and educational outreach.

Allison Cushman-Vokoun, LA96, was named to the American Board of Pathology's (ABPath) 2019 Test Development and Advisory Committee for Molecular Genetic Pathology. The committee is responsible for developing and reviewing the ABPath certification exam questions that assess and certify a physician's education, knowledge, experience and skills. Cushman-Vokoun is the medical director of the University of Nebraska Medical Center's Molecular Diagnostics Laboratory.



Women's tennis, 1991

Lauren Henkin, AR96, was one of 56 artists selected by the Halsey Institute of Contemporary Art to participate in *Southbound: Photographs of and about the New South*, an exhibit at the College of Charleston (South Carolina). Henkin's exhibit features her "What's Lost Is Found" series documenting the people and places in the heart of the Black Belt of Alabama.

Imran Zoberi, MD96, who has been at Washington University School of Medicine since his graduation from medical school, is professor of radiation oncology and chief of breast cancer radiation oncology.

1998

Erich Brewer, GR98, was named 2017-18 teacher of the year by Nash Rocky Mount (North Carolina) High School. Along with his teaching responsibilities, Brewer works with the high school and North Carolina Wesleyan College to train new teachers.

Raylene (DeWitte) Grischow, LW98, was sworn in as a circuit judge in the 7th Judicial Circuit, Sangamon County, Springfield, Ill., in January. Following her appointment to the position by Illinois Supreme Court Justice Rita Garman, Grischow was unanimously confirmed by the Illinois Supreme Court.

Eli Varol, EN98, GB98, started a new career as a renewable energy engineer.

1999

Jin-Hee Cho, SW99, was appointed associate professor in the College of Engineering at Virginia Tech. Earlier, she worked as a computer scientist at the U.S. Army Research Laboratory in Adelphi, Md.

Laura Garofalo, BU99, opened Laura Garofalo Law, LLC, providing employment law counseling to employers (www.lauragarofalolaw.com). She lives in Chicago with her husband, **Joe El-Etr**, LA98, and their three children.

2000

Bushra Ajaz, GR00, an audiologist in the St. Louis area, has traveled abroad to contribute to curriculum development efforts for undergraduate programs for audiologists.



Students on the Danforth Campus, 1991

Lauren Faulkenberry, FA00, co-founded an independent publishing company, Blue Crow Publishing, in 2016. The company has had several best-selling Amazon titles and currently has more than 20 titles in print. Faulkenberry teaches book arts workshops at residencies and retreats around the country, including the Penland School of Crafts and Wildacres. Her third novel, *Trouble Will Follow*, is forthcoming in fall 2019.

Tracee (Orlove) Fruman, LA00, is a criminal prosecutor for the Medicaid Fraud Control Unit of the Office of the Attorney General.

Sabrina Lupero-Reichert, GA00, left JLL in Dusseldorf, Germany, to focus on her family and improve her German language skills. Along with attending seminars at the Chamber of Architects, she is pursuing job opportunities in art, architecture and design.

2001

Deepak Gupta, SI01, SI02, moved to Vancouver, Canada, where he is associate vice president of research at Kwantlen Polytechnic University.

2002

Ieshia Gray, LW02, was sworn in as a judge on the Cooke County Circuit Court in December 2018 following her win in the November general election.

Mark Huff, SI02, is an industrial specialist with the U.S. Department of Defense. He oversees government suppliers and contractors and provides actionable insights on how they are using tax dollars.

Jessica Molter, GA02, was promoted to partner at Pfluger Architects in Austin, Texas. Molter specializes in sustainable building,

advising clients and design teams on options for locally sourced materials and efficient building systems. Several of her projects have won LEED Gold certification from Austin Energy Green Building.

Todd Olszewski, LA02, an associate professor of health policy and management at Providence College, was named 2018 Academic Partner of the Year by PACE Organization of Rhode Island, a full-service health plan for seniors. Olszewski was recognized for his work placing interns at PACE, allowing them to gain experience in its unique model of care.

Emily (Brooks) Watts, LA02, and her husband, Mike, and daughter, Evelyn, welcomed Frederick to their family in February.

2003

Timothy D. Gronewold, BU03, LW08, an attorney with Howard & Howard, was recently named partner. Gronewold concentrates his practice in commercial litigation, labor and employment law, and municipal law.

Lauren Hoppert, BU03, earned an MBA in health care from Oregon Health & Science University in June 2018.

Gabe Moskoff, BU03, and his wife, Camille Peace-Moskoff, welcomed Amina Millie Peace-Moskoff to their family in September. In February, the family relocated from Los Angeles to San Diego. Gabe produces a weekly radio show on Sirius XM's Shade45, tours with music group Run the Jewels, and promotes his Rap Fan clothing line. Camille operates her own business, Peace Images Jewelry.

Robyn (Jimenez) Popa, GA03, was promoted to partner at Pfluger Architects in Austin, Texas. Popa specializes in master planning, facility assessment, programming, design, production and construction administration. She worked on the first public school in Austin to receive LEED Gold certification.

Sabrina (Tanenbaum) Strauss, LA03, and **Jonathan Strauss**, BU03, welcomed Joshua Max in January. The family resides in New York City, where Sabrina is the COO of Goodman Media International, a strategic communications firm, and Jonathan is general counsel at SkiSafe, a marine insurance company.

2004

Jessie Basner, LW04, and her family relocated from New Jersey to Davison, N.C., in the fall, when she joined Ingersoll Rand as associate general counsel in the litigation department.

2005

Carly (Cooper) Sparks, LA05, owns a psychotherapy practice in St. Louis' Central West End and is teaching an Introduction to Social Work at Washington University's Brown School this fall.

2006

Rachel L. Cohn, LA06, joined Blank Rome LLP's New York City office as an associate in the corporate litigation group. She was previously with Curtis, Mallet-Prevost, Colt & Mosle LLP.

Lauren (Miller) Hoye, SW06, a labor and employment attorney with Willig, Williams & Davidson, participated on a panel discussing the impact of the U.S. Supreme Court's landmark decision in *Janus v. AFSCME*, which concerned the labor union's ability to collect fees.

Maggie Konich, LA06, GR08, and Frank Frederick Fiock III were married last fall in a ceremony attended by many WashU alums. Konich is a director of data analysis at WashU in Arts & Sciences; her husband works for U.S. Bank.

2008

Michelle (Reed) Dobson, LA08, and **Scott Dobson**, EN08, recently welcomed their first child — and, the couple hopes, a future WashU graduate — daughter Amelia Kate.

Akira Irie, LW08, an attorney with Morrison & Foerster based in the firm's Tokyo office, was named partner. Irie has represented clients in U.S. district courts and before the U.S. International Trade Commission and the U.S. Patent and Trademark Office.

Arthur (A.J.) Singletary, LA08, married Matthew W. Henry last November. Singletary is an associate attorney with Van Ness Feldman LLP in Washington, D.C.

Nicole Sussman, LA08, completed a fellowship in child and adolescent psychiatry in June 2018 and moved to Charleston, S.C., for her final year of training in a forensic psychiatry fellowship at The Medical University of South Carolina.

2009

Rebecca Alper, LA09, was elected to the board of directors of The Icla da Silva Foundation, the largest recruiter of bone-marrow donors to the “Be The Match” registry. She is excited to advise the organization in pursuing their mission: finding a bone-marrow donor for every patient in need and registering donors from underrepresented ethnic backgrounds.

Laura Stein, LA09, is a cantor at the Free Synagogue in Flushing, N.Y., and a full-time social worker at Mount Sinai Hospital Center for Transgender Medicine and Surgery.

2010

D’Andrala Alexander, LA10, is a mental health clinician with Dallas County, Texas.

Alicia (Graf) Mack, GR10, was named Juilliard’s director of dance. She is the first African American — and, at 39, the youngest person — to hold the position. Earlier, Mack was a lead dancer at Dance Theatre of Harlem and at Alvin Ailey American Dance Theater.

Sarah Saunders, LA10, married David Pavlik in October 2018. She says she was thrilled to welcome several WashU classmates to the joyous event. The couple resides in East Lansing, Mich., where Saunders works as a quantitative ecologist for the National Audubon Society’s Science Division. Her husband, a research scientist at Michigan State University, studies endangered butterflies.

Stephanie Wong, LA10, earned a doctorate in theological and religious studies from Georgetown University in December. She is an assistant professor of theology at Valparaiso University.

2011

Ameet Rawal, GB11, works at Express Scripts and co-owns Pieces Board Game Bar & Café in St. Louis. She attributes her success as an entrepreneur to the key skills she learned at Olin Business School.



Black Anthology, 2012

Nikki Weiner, OT11, with her husband, David, founded The Rising Workplace (www.risingworkplace.com), which provides ergonomic, injury-prevention, and environmental health and safety solutions to workplaces in western North Carolina. The couple presented a workshop, “Ergonomics, Engagement, and the Workplace Experience for Employees with Disabilities,” at the recent National ADA Symposium in Dallas.

2012

Philip Chen, LA12, joined Fish & Richardson as an associate after serving as a summer associate with the firm.

Charles Jenkins III, GR12, is an intelligence analyst for U.S. Special Operations Command–Europe HQ. He provides specialized research, analysis and operations support in counterinsurgency targeting, counterterrorism and regional threat analysis. Jenkins writes that he has fond memories of his time at WashU.

Joanna McNurten, BU12, is a consultant specializing in data visualization with Salesforce, an online customer relationship management system for businesses.

Steven White, BU12, and **Natalie Rufat**, BU12, were married March 2, 2019, in Miami Beach, Fla. The couple resides in New York City.

2014

Elise Herwig, SW14, relocated from Denver to Seattle to work as CORE collaboratives manager at United Way of Snohomish County.

Adam Hogan, GF14, an experimental filmmaker, had his film, *Silent Forest: Return*, exhibited at the Meadows Museum of Art at Centenary College of Louisiana. The

film explores the fragility of the Gulf Coast ecosystem and the interaction of industrial and commercial enterprises with the delicate wetlands.

Lauren Steimle, EN14, defended her thesis and was awarded a PhD in industrial and operations engineering at University of Michigan. Her dissertation was titled “Stochastic Dynamic Optimization Under Ambiguity.” She has accepted a faculty appointment at Georgia Tech.

Brooke (Johnson) Walker, EN14, and **Jack (John) Walker**, EN14, were married in October 2018.

2015

Jack Krewson, LA15, opened a public charter school network in St. Louis in summer 2018 (www.kairosacademies.org). Krewson says he is deeply grateful to friends and professors at WashU who advised, encouraged and supported him in this effort. He writes that “rock-star educators who want to design/lead their dream school” should contact him at jack@kairosacademies.org.

Emma Tyler, LA15, is deputy state director in New Hampshire for the Cory Booker presidential campaign.



Law students, 2015

2016

Alison Gozlan, BU16, is a proposal developer at Q2 Solutions, a leading global clinical-trial laboratory-services organization that helps customers achieve better clinical-trial outcomes.

Charles Hon, GB16, earned a master's in writing from Johns Hopkins University in 2018. Since 2017, he has been a client executive at IBM. Hon and his wife, Gail, are the proud parents of a daughter, Arya.



▲
WUStock in the Swamp, 2015

Stephen King, PMBA16, and his wife, Katie, welcomed their first child, Bennett, in November 2018. The couple is adjusting to life with a young child and enjoying outings and explorations in Chicago.

2017

Lizzy Crist, EN17, was among the winners of a 2019 NCAA Postgraduate Scholarship. She will receive a \$10,000 scholarship toward postgraduate study in the biomedical engineering doctoral program at the University of Minnesota. Crist, who played goalkeeper, was named NCAA Woman of the Year in 2017.

Avi Felman, EN17, is a portfolio manager with Wave Financial, analyzing and trading in the liquid cryptocurrency market.



▲
First day of class, 2017

Victoria Fu, PT17, is a physical therapist at Premier Physical Therapy & Sports Performance, an orthopedic rehabilitation facility in North Las Vegas, serving patients with both orthopedic and neuromuscular impairments. The clinic serves a large Hispanic population requiring some Spanish-speaking skills.

Remy Gordon, SW17, founded Seeking Shelter, a nonprofit group that assists individuals who are experiencing homelessness or who are at risk. Her free app by the same name provides information on nationwide emergency, domestic violence and family shelters; transitional living programs; free health clinics; food pantries; and more.

Erin Hall, LA17, is attending medical school at Lewis Katz School of Medicine at Temple University.

Rett Hooper, EN17, GB17, is CXO of Regavi, a digital business card and smart contacts app that enhances a phone user's ability to connect with others and grow and maintain relationships by bringing dynamic contact information to systems already being used.

Cortez Whatley, LW17, is general counsel of Regavi, a digital business card and smart contacts app that enhances a phone user's ability to connect with others and grow and maintain relationships by bringing dynamic contact information to systems already being used.

2018

Jack Crawford, LA18, LA19, SI19, is CPO of Regavi, a digital business card and smart contacts app that enhances a phone user's ability to connect with others and grow and maintain relationships by bringing dynamic contact information to systems already being used.

Devin Daugherty, LA18, is a fellow at SAGA Innovations, a national nonprofit that partners with public school districts to provide underserved students with no-cost, high-dosage, in-school-day tutoring.

Keri Eisenbeis, GL18, is vice president of government and community relations at BayCare Health System, which comprises 15 hospitals and hundreds of other locations in the Tampa Bay and central Florida regions. Previously, Eisenbeis was the health system's director of government relations and community outreach.



▲
Lunar New Year, 2018

Hank Goldberg, LW18, and **Elizabeth Garai**, LA15, were engaged in March.

Michael Kramer, BU18, SI19, is CEO of Regavi, a digital business card and smart contacts app that enhances a phone user's ability to connect with others and grow and maintain relationships by bringing dynamic contact information to systems already being used.

Kahini Shah, LA18, is pursuing a master's degree in behavioral and decision sciences at the University of Pennsylvania.

IN MEMORIAM

This "In Memoriam" section is a listing of deaths submitted to Development Services from Jan. 1, 2019, through April 30, 2019. Please contact Development Services at rmcloud@wustl.edu to report an alumni death.

Longer obituaries are included in the next section, "In Remembrance." Please submit full obituaries for the magazine's consideration to earlyr@wustl.edu.

1940s

Clarence E. Darnton,
BU40; April '19

John H. Landwehr,
BU40; Feb. '19

**Marion (Goebel)
Thoenes,** UC40;
Jan. '19

Blaine A. Ulmer,
EN43; Feb. '19

**Gene (Meyer)
Lischer,** LA45;
Jan. '19

John A. Blumenfeld,
BU46, LW48; April '19

Morton Clifford,
LA46; Jan. '19

**Gloria (Cochran)
McIntyre,** LA46;
Feb. '19

Clifford G. Neill,
DE46, Feb. '19

Lewis C. Vollmar,
EN46; Jan. '19

Rex Witherspoon,
DE46; Jan. '19

Arthur (Art) Young,
BU46; Jan. '19

**Dorothy (Glahn)
Herweg,** NU47;
April '19

Frank M. Moore,
GR47; Feb. '19

Martha I. Skinker,
BU47; Feb. '19

Donald J. Stallard,
MD47; April '19

Clifford C. Taylor,
SI 47; Jan. '19

Evelyn Wall, LA47;
Jan. '19

Rosalie (Funk) Wolff,
LA47; April '19

Clyde J. Erb, EN48;
Feb. '19

**Anna (Larson)
Fisher,** UC48, GR55;
Jan. '19

Jay G. Henges,
BU48; March '19

Julius E. Raith,
BU48; Jan. '19

**Thelda (Weiss)
Reiss,** LA48;
March '19

Donald G. Shurig,
EN48; March '19

James M. Stokes,
MD48; Feb. '19

John O. Sutter,
GR48, BU48;
March '19

Arthur F. Young,
BU48; Jan. '19

Myron Becker,
BU49; March '19

**Jean (Goodman)
Clodfelter,** UC49;
Feb. '19

Marvin H. Korte,
BU49; Feb. '19

Raymond H. Marcus,
EN49; March '19

Ansel R. Marks,
LA49, MD53; Jan. '19

Walter D. Naughton,
BU49; Feb. '19

Lawrence M. Raskin,
BU49; March '19

**Gwen (Dicks)
Robinson,** FA49;
June '18

Oliver W. Siebert,
EN49; March '19

William C. Stamos,
BU49; Feb. '19

Gerard L. Tonies,
BU49; March '19

Miguel L. Velez,
BU49; Jan. '19

Richard L. Yalem,
BU49; March '19

1950s

James N. Fay,
EN50; April '19

G. (Walsh) Fick,
FA50; April '19

**Elizabeth (Burner)
Landau,** FA50;
March '19

John Lum, EN50;
April '19

Patrick R. Malone,
LA50; Jan. '19

**Eugene M.
Meentemeyer,**
BU50; Jan. '19

Marvin R. Resnick,
BU50; Feb. '19

Donald T. Schmitt,
LA50; Jan. '19

**Harold A.
Schuchmann,** BU50;
Jan. '19

**James J.
Wierzenski,** BU50;
March '19

William A. Adams,
BU51; Feb. '19

Paul J. Dohr, FA51;
March '19

**Leonard W.
Magnusson,** EN51;
March '19

**Patricia (Milles)
Mehagan,** LA51;
Jan. '19

**Mary (Roberts)
Mellow,** LA51;
Feb. '19

Bill G. Prater,
MD51; Jan. '19

**Mary (Glauber)
Soest,** NU51; April '19

Albert W. Lantz,
LA52; Feb. '19

Robert E. Myers,
EN52; Feb. '19

**Mary (Attyberry)
Polk,** GR52;
March '19

Charles F. Sharn,
LA52; March '19

**Reda (Alexander)
Whitledge,** BU52;
April '19

**Agnes (Popovchak)
Fryntzko,** GR 53;
Feb. '19

**Virginia (Henderson)
Granger,** NU53;
Jan. '19

Henry P. Hotz,
GR53; Feb. '19

Roy W. Melton,
DE53; Jan. '19

**Catherine (French)
Stookey,** SW53;
March '19

Calvin O. Stoutz,
EN53; Feb. '19

**Eulene (Everding)
Ballman,** UC54,
GR83; March '19

Clark Danner, DE54;
Jan. '18

Vernon C. Dupree,
BU54; March '19

Robert W. Janssen,
BU54; April '19

James T. McDonald,
DE54, GD58; Jan. '19

Edward F. Bartz,
AR55; March '19

Joseph L. Kurz,
LA55, GR58; Jan. '19

George A. Ward,
BU55; Jan. '19

**Erma (Suggs)
Brooks,** FA56;
Feb. '19

Morton H. Field,
MD56; March '19

**Sally (Short)
McMillen,** NU56;
March '19

John S. Meyer,
MD56; Jan. '19

Arthur R. Ritzel,
EN56; Feb. '19

Katherine V. Vance,
UC56, GR64; Feb. '19

Bernard Brown,
GR57; Feb. '19

John D. Garnett,
UC57; Jan. '19

**Lois (Reeder)
Linton,** LA57; Feb. '19

Howard F. Moeller,
SI57; Jan. '19

Stanley R. Oberman,
BU 57; April '19

Herman J. Otten,
GR57; April '19

Thomas H. Roberts,
EN57; April '19

**Kenneth J.
Rothman,** LA57,
LW58; April '19

**Robert L.
Scharringhausen,**
EN57; Jan. '19

Anna M. Shannon,
GN57; April '19

Harold D. Smith,
AR57; April '19

**Mary (Moore)
Wilkinson,** NU57;
Feb. '19

Helmut W. Busboom, EN58; April '19

Carl K. Herkstroeter, EN58; Feb. '19

Bernard J. Hoffmann, UC58; Feb. '19

R.T. (Pete) Watt, LA58; Feb. '19

Billy R. Boyd, GB59; March '19

Bill C. Dikin, EN59; March '19

Richard H. Edwards, LA59, LW61; April '19

Melvyn A. Harrington, BU59; Jan. '19

William E. Mundt, MD59; Feb. '19

Sandra (Racquel) Saunders, LA59; Jan. '19

Robert P. Schepp, EN59, GR98; March '19

1960s

Theodore Bundenthal, GR60; April '19

James E. Burke, BU60; April '19

Helene (Puskas) De Kuyper, LA60; March '19

Steve Gellman, BU60; Jan. '19

Timothy D. Sheahan, UC60; Jan. '19

Robert H. Shidler, DE60; March '19

Eugene H. Weirich, EN60; Jan. '19

Charles E. Mooney, LA61, GR62, GR64; April '19

Howard W. Pattillo, EN61; Jan. '19

Victor D. Rossi, UC61; Feb. '19

Robert J. Shakno, HA61; April '19

Shirley A. Shannon, GR61; March '19

Sherron F. Soll, LA61; Jan. '19

Gary A. Storey, MD61; March '19

Alphonse E. Dowling, UC62; Jan. '19

Donald H. Driemeier, GB62, GB69; April '19

Gerald Medoff, MD62; Jan. '19

Theodore F. Schwartz, LW62; Jan. '19

Carolyn (Orange) Stohr, GR62; April '19

Burnette (Walchshauser) Card, FA63; March '19

George H. Hagen, UC63, UC66; April '19

Paul C. Isham, BU63; April '19

Nicholas J. Metzger, UC63; March '19

George L. Tucker, HS63, EMBA91; Feb. '19

Doris (Forst) Fisher, LA64; Feb. '19

David S. Hyman, BU64; Feb. '19

Patrick M. Kennedy, FA64; July '19

David J. Krutchkoff, DE64; April '19

Harry S. Lansing, EN64; Jan. '19

Edmond F. Pfaff, UC64, UC72; April '19

James C. Phillips, UC64; Jan. '19

Jeffrey W. Wides, LA64; April '19

Morris F. Wise, MD64; March '19

Wilbur M. Batchelder, LA65; Feb. '19

Harold K. Kanagawa, MD65; April '19

David E. Mansfield, UC65; Feb. '19

Darrell E. Urban, LA65, GR67, GR77; Feb. '19

Edward R. Windish, UC65; March '19

Stanley W. Croissant, SI66; March '19

William A. Deiss, GR66; March '19

William F. Rosenfeld, LA66; March '19

Evelyn (Zuckerman) Schultz, GR66; Feb. '19

Jean (Fitch) Vanderplas, GR66, GR70; Jan. '19

J. David Wagner, GR66; April '19

Donald B. Blaesing, FA67; Jan. '19

Gloria (Yawitz) Portnoy, UC67; March '19

Donald P. Bins, GF68; March '19

Julia Broad, UC68; March '19

Robert C. Isaacs, GB68; April '19

Darold W. Jackson, SI68; Feb. '19

Barry (Mendle) Kayes, GR68; March '19

Sandra E. May, SW68; Jan. '19

Richard J. McDonald, TI68; Feb. '19

Michael R. Stern, GR68; Feb. '19

Carl A. Wattenberg, LW68; March '19

Bill Howard, LA69; Jan. '19

Henry M. Schaffer, GR69; March '19

1970s

Thomas E. Engelhard, TI70; April '19

Gottfried Kreter, UC70; Jan. '19

Robert R. Reid, TI70; Jan. '19

Robert C. Sollmann, UC70; Jan. '19

Stephen D. Trowbridge, HA70; Jan. '19

Fredrick W. Bonnell, GB71; Feb. '19

Gregory L. Johnson, MD71; Jan. '19

Meryl K. Abensohn, LA72, MD78, HS84; Feb. '19

Ruth R. Marion, LA72, SW73; Feb. '19

James D. Torgehele, DE72; Feb. '19

Robert P. Rothenberg, DE73; April '19

Susan M. Farb, SW74; Feb. '19

Agnes (Ulmer) Hayner, LA74; Jan. '19

Robert J. Ivnik, GR75; Jan. '19

W.H. Muenster, UC75; Feb. '19

William F. Osberghaus, GB75; April '19

Pedro Medellin-Milan, SI76; Jan. '19

Robert G. Roy, UC76; March '19

William E. Tucker, UC76, TI77; March '19

Denis M. McGrath, SW77; Feb. '19

Edward W. Troyer, GR77; Feb. '18

Richard J. Weinrich, UC77; April '19

Rosalie G. Cooper, GR78; March '19

1980s

James Philip G. Sterbenz, LA80, EN80, SI86, SI91; Feb. '19

Lorenz J. Bauer, GR81, GR84; April '19

Saul Boyarsky, LW81; Jan. '19

Deni Ann C. Gereighty, LA82; Feb. '19

Margaret M. McLeod, BU82; Jan. '19

Mark A. Derthick, EN83, EN83; April '19

Charles V. Marshall, LW85; Nov. '18

Brett W. Berri, LW88; Jan. '19

Erin M. Kelly, LA88; Jan. '19

Dina M. Young, GR88; April '19

1990s

Ronald B. Cole, UC91; March '19

Zafer R. Onor, LA91; March '19

Raymond D. Collins, HA92; Jan. '19

Sharron A. Fowler, LA93; March '19

Melissa A. Larsen, EN94; Jan. '19

Timothy J. McCoy, EMBA95; Jan. '19

Julie (Glaszczak) Garber, BU96; Feb. '19

Suzanne M. Szepanski, UC98; Jan. '19

2000s

Erin (Walthall) Brodbeck, SW09; Jan. '19

IN REMEMBRANCE

Milica Banjanin, BA '61, PhD '70, professor emerita of Russian in Arts & Sciences, died Dec. 9, 2018, shortly before her 80th birthday.

Banjanin came to the university in 1964 as an instructor in Russian. When she completed her doctoral degree at the university in 1970, she was promoted to assistant professor of Russian and became an associate professor in 1976. She served on more than a dozen university committees and was an authority on 20th-century Russian culture and literature.

Henry W. Berger, professor emeritus of history in Arts & Sciences, died Dec. 10, 2018. He was 81.

Berger joined the faculty in 1970, teaching classes on American history and foreign policy. He served as chair of the Jewish Studies Program and then later as chair of the Department of Jewish and Near Eastern Studies. In 1984, he received the Undergraduate Teaching and Service Award from the Council of Students of Arts & Sciences.

Berger received grants from many places, including the National Endowment for the Humanities; wrote several books, book chapters, articles and opinion pieces; and was featured in several documentaries.

Brian E. Blank, associate professor of mathematics and statistics in Arts & Sciences, died Dec. 9, 2018, at Barnes-Jewish Hospital in St. Louis. He was 65.

Blank started as an assistant professor at the university in 1980 and became an associate professor in 1986. His research interests included representations of semisimple Lie groups and harmonic analysis on groups and symmetric spaces. He co-authored several calculus textbooks with his colleague Steven G. Krantz, professor of mathematics.

Margaret Garb, professor of history in Arts & Sciences and co-director of the Washington University Prison Education Project, died Dec. 15, 2018. She was 56.

Garb joined the Washington University faculty in 2001, teaching courses on the American city. Her numerous publications included two books.

62 Garb established the Prison Education Project with Robert Henke, professor of drama, in 2014.

C. David Gutsche, professor emeritus of chemistry in Arts & Sciences, died Aug. 28, 2018. He was 97.

Gutsche had a 42-year career at Washington University, starting with being named an assistant professor in 1947. He became an emeritus professor in 1989, yet went on to work at Texas Christian University from 1989 to 2002.

During his career, Gutsche pioneered the field of calixarene chemistry. He also established an award at WashU for a senior chemistry major who has completed significant research in organic chemistry.

David L. Kirk, professor emeritus of biology in Arts & Sciences, died Nov. 1, 2018, after a long illness. He was 84.

Kirk came to the university in 1969 and stayed an active member of the university community for nearly 50 years, teaching developmental



Margaret Garb

biology and the evolutionary origins of multicellular organisms. He also served as acting dean of the Graduate School in academic year 1979–80.

In retirement, Kirk worked to improve the way evolution is taught in grades K–12 and was active with the Institute for School Partnership.

Joseph Kurz, BA '55, PhD '58, professor emeritus of chemistry in Arts & Sciences, died Jan. 2, 2019. He was 85.

After a brief stint working at Harvard University, Kurz returned to his alma mater and became a full professor in 1973. Here, he mostly taught general chemistry and organic chemistry, and mentored undergraduate and graduate students in his physical organic chemistry lab.

He became professor emeritus in 1994.

J. Evan Sadler, MD, a world-renowned expert in the study and treatment of blood-clotting disorders and director of the Division of Hematology at the School of Medicine, died Dec. 13, 2018. He was 67.

Sadler, the Ira M. Lang Professor of Medicine, was also a professor of biochemistry and molecular biophysics. His work helped reveal reasons why blood clots when it shouldn't and why it fails to clot when it should. Such disorders lead to more deaths annually in the United States than all types of cancer combined.

Stanley E. Thawley, MD, professor emeritus of otolaryngology-head and neck surgery at the School of Medicine, died Jan. 22, 2019. He was 75.

Thawley came to the School of Medicine in 1971 for his residency in the ear, nose and throat specialty at then-Barnes Hospital, now Barnes-Jewish Hospital. He worked in the Department of Otolaryngology from 1975 until his death. Thawley is remembered for caring for thousands of patients and mentoring many residents.

A photograph of three diverse students walking through a grand, arched university hallway. On the left, a young man with curly hair and glasses wears a blue and red track jacket with 'U.S. OPEN' on the sleeve and a red backpack. In the center, a young woman with glasses wears a blue jacket over a grey sweater. On the right, a young woman with long dark hair wears a black quilted jacket over a pink sweater and blue jeans. They are all smiling and looking towards each other. The hallway features high ceilings, stone columns, and a large arched doorway in the background.

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COMMENCEMENT: Always full of pomp and circumstance, Commencement highlights the end of the academic year. In 1963, graduates faced Ridgley Hall, and aviation pioneer James S. McDonnell, founder of McDonnell Aircraft Corp., was the featured speaker.