

Washington

MOMENTUM

'Where We're Heading'

OCT. 3, 2019, WAS AN EXTRAORDINARY DAY FOR THE UNIVERSITY AS ANDREW D. MARTIN WAS INAUGURATED AS OUR 15TH CHANCELLOR.

Inside the New East End

TAKE A FIRST LOOK AT THE SPACES THAT HAVE TRANSFORMED THE WASHU CAMPUS EXPERIENCE.

HomeGrown STL

RESEARCHER SEAN JOE HAS A PLAN TO DRAMATICALLY IMPROVE THE LIVES OF YOUNG BLACK MEN IN OUR REGION.

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“I’m not a person who has a clear plan. I flow. I’m extremely serious, but at the same time, I’m extremely laughing about it. I have to function both ways. Otherwise, you’re not going to survive.”

— **AI WEIWEI**, renowned Chinese dissident artist and activist who is internationally known for rigorous, compassionate and complex artworks. He spoke on campus at the opening of *Bare Life*, an exhibit of his work in the newly remodeled and expanded Kemper Art Museum in fall 2019. (See more about the Kemper Art Museum on pg. 32.)

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A sweeping campus planning, design and construction project has transformed the east end of the Danforth Campus.



Go to magazine.wustl.edu to see a video about the *Bare Life* exhibit.



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Photo: Jay Fram

FROM THE CHANCELLOR

Filled with purpose

Greetings from a cold, wintry WashU! It's been an exciting academic year at Washington University thus far. For me, both personally and professionally, the inauguration festivities were perhaps the most memorable. Oct. 3, 2019, provided a wonderful opportunity for our entire community to celebrate our past as well as our current momentum as we considered what the future holds. I'm incredibly humbled and honored to serve as WashU's 15th chancellor, and I look forward to working with you as we build on our momentum. I'm also immensely grateful for those of you who took part in the day's activities and sent well-wishes from both near and far. Thank you! (See pg. 22 for more on the extraordinary day.)

While inauguration was a major highlight, it was merely one way we celebrated our robust and vibrant community last fall. We also dedicated the east end of the Danforth Campus — the largest campus expansion in the university's history. If you haven't yet visited the space, I encourage you to do so. The east end is not only a breathtaking and sustainable extension of the Danforth Campus; its intentional design, architecture and proximity to Forest Park signify our openness, accessibility and strong connections to the larger community, as well as our commitment to collaboration across departments and disciplines. Truly, this transformation allows us to further our mission to pursue distinction in education and research, and to be an even stronger neighbor and partner as we open our doors to the St. Louis region even wider. (See pg. 32 for a peek inside the new spaces.)

The opening of the Ai Weiwei exhibit in our newly renovated and expanded Kemper Art Museum was yet another major highlight last semester. Our dedication and renaming of Francis Olympic Field was another. And hosting St. Louis native and actor John Goodman for Founders Day was another highlight.

Beyond these high points, we continue the important work of fulfilling our mission to

improve the lives of our students, as well as people living throughout the St. Louis region, across the country and around the world. We're realizing these aspirations by conducting path-breaking research and delivering transformative teaching and learning at both the Danforth and Medical campuses. We're moving forward with initiatives to address public health concerns in mental health, obesity and childhood malnutrition; research and regional initiatives that look more closely at environmental concerns and the effects of climate change throughout St. Louis; programs and educational curricula that focus on citizenship and engaging in dialogues across our differences; and so much more.

Across all our schools, departments and disciplines, our faculty and staff are working diligently to make our world a better, healthier place. Likewise, they are preparing our students to become compassionate, values-oriented and service-minded leaders. These qualities are at the heart of who we are, and I look forward to seeing how we'll continue along our trajectory of distinction in the months and years to come.

I hope you enjoy this issue of *Washington*, which recaps some of these incredible highlights as well as others. As you read the pages that follow, I also hope you'll take note that our success is made possible only because of people like you who make this institution such a special place. Thank you for all you do for WashU. Let's keep that momentum going as we head into spring!

Andrew D. Martin
Chancellor



@WashUChancellor

FEEDBACK



FROM THE SEPTEMBER 2019 EDITION

Congratulations on the new look. It breathes new life into the magazine. And a lot more interesting things to read about! I particularly enjoyed reading "Echoes of Voices Past." Unfortunately, your listing of important speakers missed two very historic figures who spoke in the Field House in the late 1940s: the then-Secretary of State George Marshall and future President Dwight Eisenhower.*

BILL GULLION, BSBA '57, Marietta, Georgia

Stunning! I bow to the (mainly) women who produced such a major makeover, beautifully designed, and filled with compelling subject matter. Now, one tiny fly in the shiny ointment, the ever-so-whispery cutlines. ... You did a masterful job introducing the new chancellor to all the troops — and thanks for reassuring us that print journalism is alive and well.

BETTY (BELKNAP) BROWN, AB '52, Norman, Oklahoma

Is it possible to hear Ruth Bader Ginsburg's discussion in its entirety, rather than just a short snippet? It is intriguing.*

LYNN BASS, AB '90, Cliffside Park, New Jersey

EDITOR'S NOTE: Unfortunately, tapes of the entire discussion do not exist in University Archives.

Regarding "The Problem Solver," I did not know Jim [McKelvey] at WashU (although we were classmates). However, Jim's work speaks well not only of his obvious intelligence and creativity, but of the ongoing, continuing commitment of WashU to bringing out the best in its students. Keep helping to change the world, Jim — and you, too, WashU!

DAVID B. JAFFE, AB '87, JD, Silver Spring, Maryland

I am a law '69 grad living in Little Rock, Arkansas, who recently attended my 50-year reunion. I have been a casual reader of the magazine in the past ... not anymore! This issue is fantastic! I put the Sunday paper aside and read yours cover to cover ... fascinating articles and photos. Such an interesting new chancellor! I look forward to following his progress in future issues.

BILL ALLEN, JD '69, Little Rock, Arkansas

Would it possible for you to send me an electronic copy of the photo on page 53 of the September 2019 issue captioned "Men's soccer, 1964"? I am the student in the middle, kicking the ball.

DAVID WOLOWITZ, AB '68, Greenland, New Hampshire

EDITOR'S NOTE: Of course!

Just wanted to extend my ... congratulations on the redesign of the magazine. As a 1996 graduate from the School of Art (majoring in graphic communications) and a current creative director at a branding/design company, I can say with exuberance: "It's about time!"
Great cover, great design and nice new paper choice.
JENNIFER TANABE, BFA '96, Honolulu, Hawaii

We want to hear from you!

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* Look for more "Echoes of Voices Past" — archival audio offerings from visiting campus speakers — in future digital editions.



ST. LOUIS In

Historical journey

Washington University Dance Theatre is an annual showcase of diverse work by resident and guest choreographers, performed by select student dancers of the Performing Arts Department. From left: **(Izzy Yanover, not in frame), Renee Rubiano, Rachel Brough, Luewilla Smith-Barnett and Lucy Schlueter** perform *Dragonflies* — a journey through women's history both in movement and in imagery — by Jennifer Medina.



Photo: Danny Reise



Go to instlouis.wustl.edu to watch videos and read articles about life five years after Ferguson.

Photo: Whitney Curtis

'IN ST. LOUIS'

A new interactive documentary project from the Academy for Diversity, Equity, and Inclusion explores what it means to live in St. Louis today. The "In St. Louis" project talks to WashU faculty, staff, alumni and other community members about what happened after black, unarmed teenager Michael Brown was killed by a white police officer in Ferguson, Missouri, in 2014. The event set off clashes between protestors and police, gripping the nation. "In St. Louis" debuted five years to the day after Michael Brown was killed, and it looks at how both the community and people have changed. Related material continues to roll out throughout the year.

Above: Journalist **Kameel Stanley**, who co-hosted and produced an award-winning podcast about St. Louis, is being interviewed for the project.

\$1,500,000

Odin Johnson, professor of sociology and of education both in Arts & Sciences, secured over \$1.5 million in funding to start the Institute in Critical Quantitative, Computational, and Mixed Methodologies. The center aims to increase the number of underrepresented scholars using quantitative and computational research techniques, and to advance knowledge about the quantification of race in society.



@NEqualityMatrix

SAVING LIVES IN SIERRA LEONE

In summer 2019, junior **Zach Eisner** traveled to Sierra Leone where he provided emergency medicine training and first aid kits to 1,000 local people through LFR International, a nonprofit he co-founded with **Peter Delaney, AB '18**.

"Because Sierra Leone has no formal emergency medical services, a car crash or bad fall can lead to death," says Eisner, an EMT who is studying biomedical engineering. "By teaching drivers, shop owners and others high-yield skills like how to stop bleeding, we hope to reduce traumatic-injury deaths."

The University Libraries' Newman Exploration Travel Fund provided Eisner a grant for the trip.



Watch the video and read more about Eisner's effort to bring scalable and sustainable first aid training to low-income nations at source.wustl.edu.

HELLO

Class of 2023

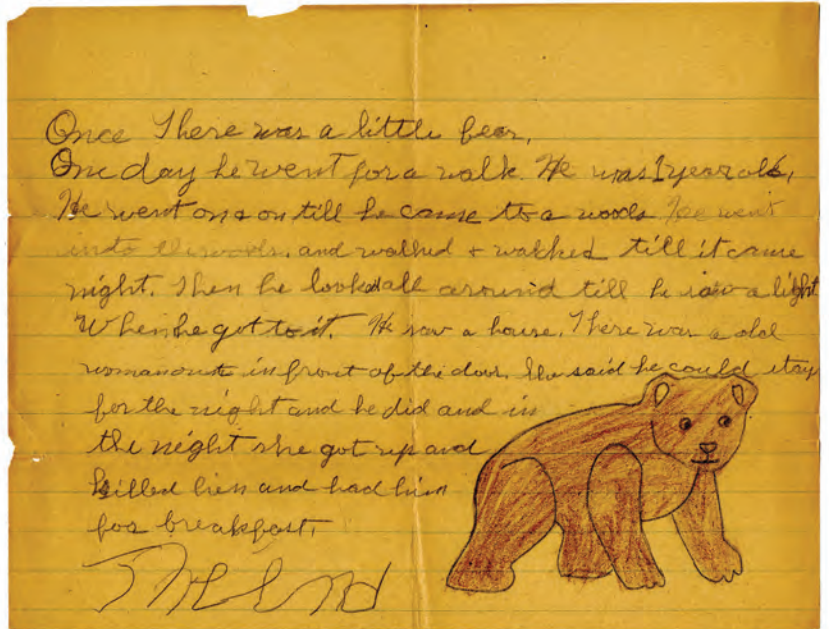
The average SAT score for Washington University's Class of 2023. Of the 1,736 students in the class, 15% are Pell grant-eligible, and 9% are the first in their families to go to college. Most of the class arrived on campus Aug. 17, 2019, to begin a weeklong orientation. Pre-orientation programs were recently discontinued in favor of a longer first-year orientation.



1st

School of Law

In fall 2019, the School of Law opened Missouri's first First Amendment Clinic. Directed by **Lisa Hoppenjans**, assistant professor of practice, the clinic will provide pro bono legal service to people with First Amendment legal issues and give law students hands-on experience.



EARLY EARLY WORKS

The University Libraries' recent exhibition, *When They Were Young: Juvenilia in the Modern Literature Collection* in Olin Library, showcased childhood works from distinguished American authors, poets and philanthropists (written between the ages of 6 and 21). The collection, all housed in the Julian Edison Department of Special Collections, includes the first poem ever written by former U.S. Poet Laureate **Mona Van Duyn** and a collection of "writing adventures" that Pulitzer Prize-winning poet **James (Jimmy) Merrill** wrote as a kid. (He dedicated the work to his "best friend," his mother.) Above is a story about an ill-fated baby bear that novelist **William Gaddis** wrote while in elementary school. Gaddis won the U.S. National Book Award for Fiction twice for his novels *J R* and *A Frolic of His Own*.

\$15 million

In fall 2019, Washington University investigators at Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine were awarded a \$15 million grant by the NIH to better understand the genetic changes that drive acute myeloid leukemia, a deadly blood cancer, and predict patients' responses to therapy.

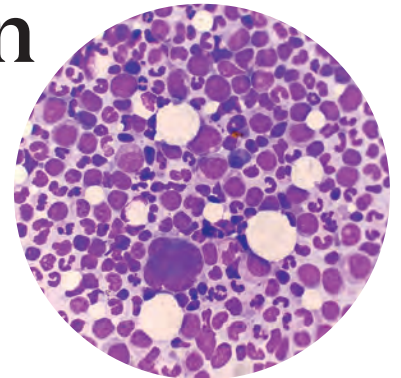




Photo: Danny Reise



41.8%

Percentage of Washington University students who voted during the 2018 midterm elections, more than double the 2014 midterm voting rate of 15.9%. The spike is due in part to the work of the Gephardt Institute for Civic and Community Engagement, which pushed to register students and educate them about where to vote, how to vote absentee and other issues. The hope is to get even more students to the polls in 2020.

HER SUMMIT

Olin Business School has the world's highest percentage of female startup founders among its alumni, and their firms are drawing the highest average funding, according to business-for-banking app Tide.

This is thanks to free programs like the Helping Entrepreneurs Rise (HER) Summit, sponsored by the Skandalaris Center for Interdisciplinary Innovation and Entrepreneurship and the Simon Initiative, a new WashU program focused on cultivating a community of female entrepreneurs. The event brought in successful female entrepreneurs and gave students the tools and advice necessary to launch their next great ideas.

REFLECTIONS ON WINNING AND LOSING

In early September, the WashU women's soccer team, ranked No. 3 at the time, lost to then No. 19 University of St. Thomas in double overtime. The Bears hadn't lost a regular season game in more than a year. **Dorian DeBose**, an avid WashU women's soccer fan and senior sports editor for *Student Life*, took it as an opportunity to reflect on what it means to lose.

"The first loss for a great team is like heavy rain after a week of brutal humidity. As the storm pelts us relentlessly, it can be scary. But the day after, the skies are clear and the air is light. With the tension gone, we can properly appreciate what is happening here and now.

"In the game after the Bears lost to St. Thomas, WashU blasted Transylvania University. They [then] ran through DePauw University and Rhodes College before facing Wheaton College. Against the Thunder, they found themselves in the same situation they had been in less than two weeks earlier: in double overtime, seeking the golden goal against a tough opponent. The Bears executed well. They generated their own opportunities and denied Wheaton chances. When they finally broke through to win the game, I felt my anxiety fade as the team began to celebrate. (Photo from game at left.)

"Greatness doesn't mean being so good that you never face adversity. It means being resilient enough to consistently overcome it."

[To end the season, the team (18-1-3 overall) suffered another heartbreaking loss – 5-4 in penalty kicks – to Pomona-Pitzer Colleges in the DIII sectional final.]

#WashUpets

Dogs, cats, bunnies and even horses are showing off their WashU pride – or at least their owners' – on social media. Post a picture of your pet in WashU gear and use the hashtag #WashUpets to be considered for the featured pet of the week. Don't have any WashU pet swag? Direct message @wustl_official on Instagram or Washington University in St. Louis on Facebook, and we'll send you some (while supplies last).





Photo: Whitney Curtis

DESIGN/BUILD/FLY

In the McKelvey School of Engineering, students design, build and fly an aircraft every year as part of the Design/Build/Fly challenge hosted by the American Institute of Aeronautics and Astronautics. The build is not part of a class, but a student-led extracurricular activity.

In 2018, the team placed in the top 5 for its design report, but gusty winds hindered the plane's performance. In 2019, the team placed 64th out of 104 teams, due to a wing-folding issue that kept their bird grounded. But the students learned a lot.

"We had one of the riskiest and most complex designs at competition," says **Taylor Tuleja**, a graduate student in mechanical engineering. "And although we were only 64th, we beat many top universities like Columbia and Cornell."

Above from left: **Jessica Stepanova**, Engineering Class of 2021, and graduate students **Stella Fang**, **Devin Williamson** and **Ellie Macklin** work on the team's plane in the makerspace in Urbauer Hall.

"Once you believe a narrative, you can stay stuck on the narrative and you won't let it go. ... At the end of the day, five lives had to pay for that, and nobody cared."

— **RAYMOND SANTANA**, one of the Central Park Five, now named The Exonerated Five, speaking in Graham Chapel in October 2019. Santana along with four other black and Latinx teens (ages 14 to 16) were wrongfully convicted of raping a white woman in New York's Central Park. **Ola Adebayo**, Arts & Sciences Class of 2022, moderated the discussion with Santana and **Yusef Salaam**, who was also one of the five exonerated.

Keeping bridges safe

Researchers from the McKelvey School of Engineering and Michigan State University teamed up to develop safety sensors for bridges. Using traffic vibrations, these innovative sensors will detect bridge failures before they happen, and they are especially useful after a high-impact event like an earthquake or a hurricane. In fall 2019, researchers started testing the sensors on the Mackinac Bridge, one of the world's longest suspension bridges.

HUMANS HAVE CHANGED ECOSYSTEMS FOR MILLENNIA

Tristram R. Kidder, the Edward S. and Tedi Macias Professor of Anthropology in Arts & Sciences, worked with some 250 other archaeologists to synthesize data on land-use changes over the past 10,000 years. The results, published in *Science*, revealed that humans have reshaped landscapes, ecosystems and potentially climate over millennia.

"The world did not change, for example, just because James Watt invented the steam engine," Kidder says. "Humans have been transforming the environment for millennia, and to understand the modern world, we need to consider how these past changes give shape to the modern environment."

POLICE VIOLENCE, A LEADING CAUSE OF DEATH FOR BLACK MEN

One in every 1,000 black men can expect to be killed by police over his lifetime, according to new research by **Hedwig (Hedy) Lee**, professor of sociology in Arts & Sciences and associate director of the Center for the Study of Race, Ethnicity & Equity. Her research, published in the journal *PNAS*, reveals that the risk of being killed by police peaks between the ages of 20 and 35 for men and women, and that black, American Indian and Alaska Native men and women are more at risk to be killed by police than whites. "Our results underscore that police killings are a lot more common than we might have imagined," Lee says.

WHY ARE URINARY TRACT INFECTIONS SO FREQUENT?

More than a quarter of women who get a urinary tract infection (UTI) will get a second one within six months. A recent study out of the School of Medicine, published in *eLife*, finally shows why.

The initial infection kicks off a short-lived inflammatory response that rapidly eliminates bacteria, but if the infection lingers, inflammation also persists. This inflammation leads to long-lasting changes in the bladder, causing the immune system to overreact the next time bacteria are in the urinary tract. The study concluded that new therapies that target the inflammatory response might help alleviate recurrent UTIs.

STABLE HOME LIVES CRITICAL FOR PREMATURE BABIES

Being born 10 weeks early makes babies at risk for neurodevelopmental issues, including language difficulties and motor delays. Researchers at the School of Medicine have found that the preemies' risk may be determined less by being born early and more by their home life after leaving the newborn intensive care unit. Children that did best had more nurturing mothers and more stable home lives. The study appeared in the *Journal of Child Psychology and Psychiatry*.



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

BLOOD TEST COULD DETECT ALZHEIMER'S 20 YEARS BEFORE SYMPTOMS

A blood test that can measure levels of the Alzheimer protein amyloid beta in the blood could be used to detect Alzheimer's in patients up to two decades before symptoms appear. When combined with two other major Alzheimer's risk factors, age and the presence of the genetic variant APOE4, people with early brain changes could be identified with 94% accuracy. The test may be even more sensitive than the current gold standard, a PET brain scan.

Randall J. Bateman, MD, the Charles F. and Joanne Knight Distinguished Professor of Neurology and senior author of the study, is excited about what the test could mean for clinical trials for Alzheimer's drugs.

"Right now, we screen people for clinical trials with brain scans, which is time-consuming and expensive, and enrolling participants takes years," Bateman says. "But with a blood test, we could potentially screen thousands of people a month. That means we could more efficiently enroll participants in clinical trials, which could help us find treatments faster, and could have an enormous impact on the cost of the disease as well as the human suffering that goes with it."

GENDER PAY GAP WIDENS IN SELF-MANAGED TEAMS



Zappos, Google, Facebook and other companies have dismantled traditional corporate hierarchies in favor of self-managed teams. These teams divvy up tasks and then assign rewards (like compensation) based on team-member contributions.

Unfortunately, according to new research by **Lamar Pierce**, professor of organization and strategy at Olin Business School and associate dean of the Olin Brookings Partnership, women's pro-social behavior means they "consistently receive bargaining outcomes below their productivity level, while men are consistently overcompensated" on such teams. While women are typically paid less than men in traditional hierarchies as well, the discrepancy there is around 10%. In peer-bargaining, women make 24% less than the men in the group who are equally or even less productive.

"This is really bad because [the women] are going to leave, and ... then the company is going to be stuck with a bunch of overpaid men," Pierce says.

KIDS MAY NOT NEED THEIR INHALERS ALL THE TIME

Right now, standards of care say that children need two inhalers, a steroid one to use daily and a bronchodilator to be used only when symptoms occur. But a new study focused on African American children out of the School of Medicine found that for children with mild asthma, using the two inhalers only when symptoms occur is enough to control asthma.



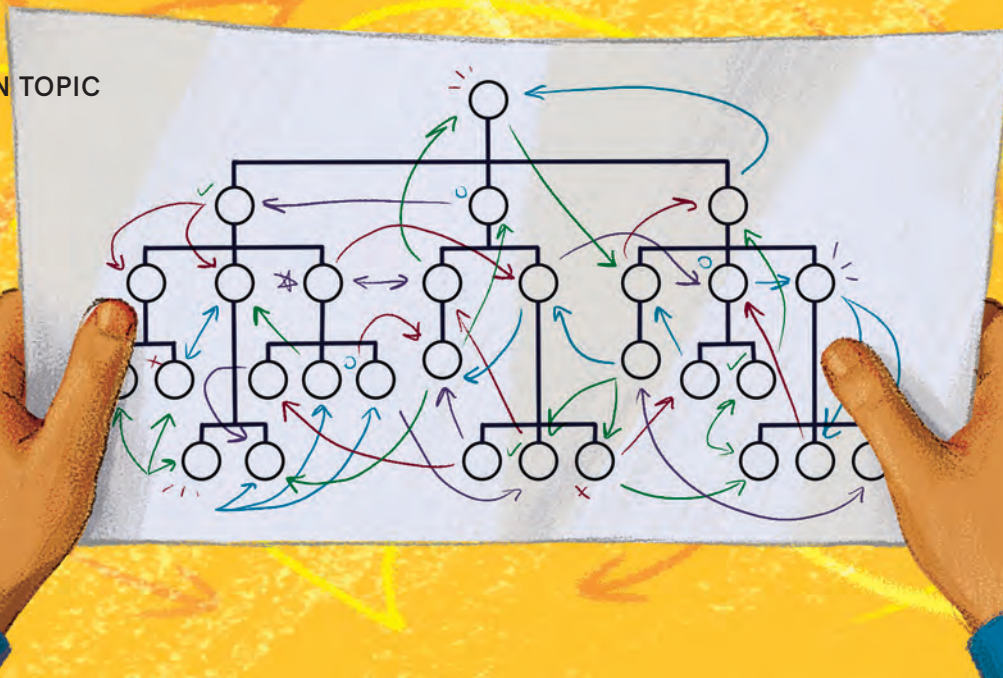


Illustration: Leah Kurth

Navigating office politics

Leadership, at its core, is about influence. In Olin Business School's popular MBA elective "Power and Politics," **Peter Boumgarden, PhD '10**, professor of practice, strategy and organizations, teaches students how to navigate leadership positions, which necessitates building power and gaining influence in the workplace.

"One underappreciated and important part of this leading through influence is learning how to read the network of an organization," Boumgarden says. You have the formal org chart, but there is an informal one as well of friendships, longtime work relationships, frenemies and drinking buddies. "More often than not, a lot of the important communication and information flows not through the formal chart but through the informal chart," Boumgarden says. "Cultivating an ability to tease out those networks can really shape the way one plans for an influence encounter."

To get things done, you should "quickly and accurately diagnose the company behind the company, the true organization chart behind the formal relationships," Boumgarden says.

Relatedly, don't ignore co-workers and subordinates to focus on impressing the boss. "Your reputation spreads just as easily through how you treat people who are junior to you," Boumgarden says. "You need to have as much of a lateral strategy for making a good impression, looking sideways or downward, as an upward strategy."

One of the most important aspects of navigating office politics though is "finding a place where you fit from a competence and value standpoint." In such a company, you are often more able to be an authentic version of yourself.

Once you find this initial fit, it is important to get off to a fast start. Jump on a project that lets you demonstrate credibility quickly. Such early wins can cultivate momentum and give you opportunities for unique stretch projects that allow you to distinguish yourself.

"I encourage students to find things that are on the edge of what they feel they can actually do and then knock them out of the park, so they don't get caught in an environment where they're doing the same type of thing over and over," Boumgarden says. But it is important to make sure your ego doesn't trick you into taking on something that might actually require more knowledge or development.

Nervous that Boumgarden is churning out Machiavellian MBAs? Don't worry. "Throughout the course," he says, "we're seeing tactics that get things done, that make the world a better place."

■ ROSALIND EARLY

HOW TO RECOVER FROM A MISTAKE AT WORK

Done something at work that reflects badly on your character? According to Boumgarden, the best strategy for addressing such an error is a combination of

- apology
- explanation
- some amount of reparations

The latter two make it so that the apology is not seen merely as cheap talk.

A GOOD START

"I made an error. I'm deeply apologetic for it. I take full responsibility. Moving forward, know I will never do something like that again. I want you to hold me accountable."



Go to magazine.wustl.edu to see a video about office politics.

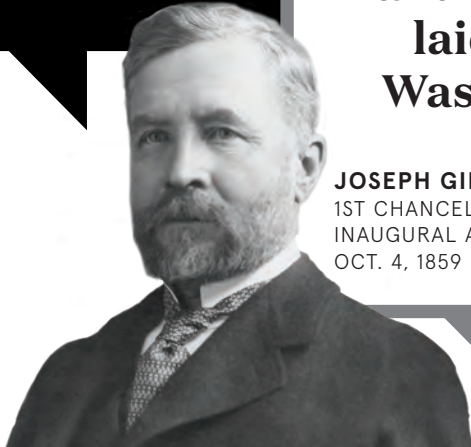
QUOTED

IT'S ALL IN THE OPENING ... In fall 2019, we held an inauguration ceremony for our 15th chancellor (see pg. 22). Here's a look back at what the university's first five chancellors said on the occasion of their inaugurations.

"I have a vision of a great university ...

to support it is considered a duty, to aid in its development a pleasure, and to have one's name connected with it an honor."

WINFIELD SCOTT CHAPLIN
4TH CHANCELLOR,
INAUGURAL ADDRESS,
JAN. 11, 1892



"St. Louis, the geographical [center,] not only of this valley, but of the whole country, will be, to a fearful extent, responsible for the intellectual and moral character which shall be impressed upon the American people. It was in view of considerations like these, that a few far-sighted and large-hearted men ... laid the foundation of Washington University."

JOSEPH GIBSON HOYT
1ST CHANCELLOR,
INAUGURAL ADDRESS,
OCT. 4, 1859



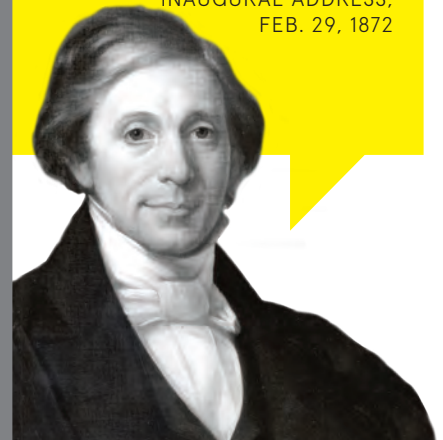
“

”

DAVID FRANKLIN HOUSTON,
THE UNIVERSITY'S 5TH
CHANCELLOR, REFUSED
INAUGURAL CEREMONIES. THE
CHANCELLOR WAS DESCRIBED
AS TACITURN, EVEN AUSTERE,
AND SELF-EFFACING.

"We would found a university so widely acknowledged in its influence, that St. Louis and Missouri should be honored throughout the world by its being established here."

WILLIAM GREENLEAF ELIOT
3RD CHANCELLOR,
INAUGURAL ADDRESS,
FEB. 29, 1872



"The question – What shall we teach, and how shall we teach it? – when proposed in relation to a community, involves the whole question of life. What kind of lives shall we live? What shall be our aims, our occupations? What kind of beings shall we be? What shall be the form of our intellectual and moral existence?"

WILLIAM CHAUVENET
2ND CHANCELLOR,
INAUGURAL ADDRESS,
JUNE 17, 1863

Photos: Courtesy of Washington University Archives

MedH 385: Disease, Madness, and Death Italian Style

New course explores seven centuries of dealing with death in Italy

In her course “Disease, Madness, and Death Italian Style,” **Rebecca Messbarger**, professor of Italian and founding director of the Medical Humanities Program at Washington University, takes students through seven centuries of Italian culture, beginning with *The Decameron* and the plague of 1348.

Students — many of whom are pre-med — examine how Italian society, heavily rooted in Catholicism, reasoned with an event that decimated as much as half the population. The course then explores how Italian society, across seven centuries, has viewed health, illness and medical care against the backdrop of such mortal threats as disease, madness and death.

“In a literature course focusing on the experience of illness and care, it’s not about data. It’s about humanity, and that’s one of the things these students ponder,” says Messbarger, who is an affiliate professor in history; art history; international and area studies; performing arts; and women, gender and sexuality studies.

“Medical care is more effective today in treating disease than at any time. Yet, paradoxically, there is rising discontent on both sides of the stethoscope, due to a kind of lost humanity. Patients often distrust the medical system, and there is dissatisfaction and even despair among medical students, residents and doctors in the way they have to approach health care.

“My hope is that through a course like this and others in the medical humanities, we might cultivate practitioners who demand that medical education and clinical practice prioritize the human experience at the veritable heart of medicine.”

■ RYAN RHEA

This untitled artwork of plague victims shows an angel of death in the sky, a king making offerings and a small furnace used in Europe to clear the air of disease vapors.



THE MANDRAKE

The mandrake plant captured the imaginations of writers and artists during the Italian Renaissance, and a variety of myths surrounded the plant's "magical" properties. With roots resembling a human figure, the mandrake was highly sought after as a fertility enhancement, aphrodisiac and anesthetic – although it is, in fact, poisonous to humans in large quantities.

In Machiavelli's 1518 comedic play, *The Mandrake*, the author depicts a scheme – centered on superstitions around the mandrake – to lure a woman away from her husband.

Common myths about the mandrake included it making a deathly shrieking sound when uprooted as well as it growing from the blood of hanged men.



CUTTING OPEN CRIMINALS

Until the 18th century in such centers of medicine as Bologna and Padua, body "donors" dissected at the annual Public Anatomy were executed criminals. The event was also called the Carnival Dissection because it took place during carnival in late January or early February, not coincidentally the coldest time of the year. It could be risky business for the Professor Anatomist, due to controversy about dissecting human cadavers. In Bologna, the anatomy lesson devolved at times into shouting matches, assaults on the anatomist and even vandalism of the cadaver.

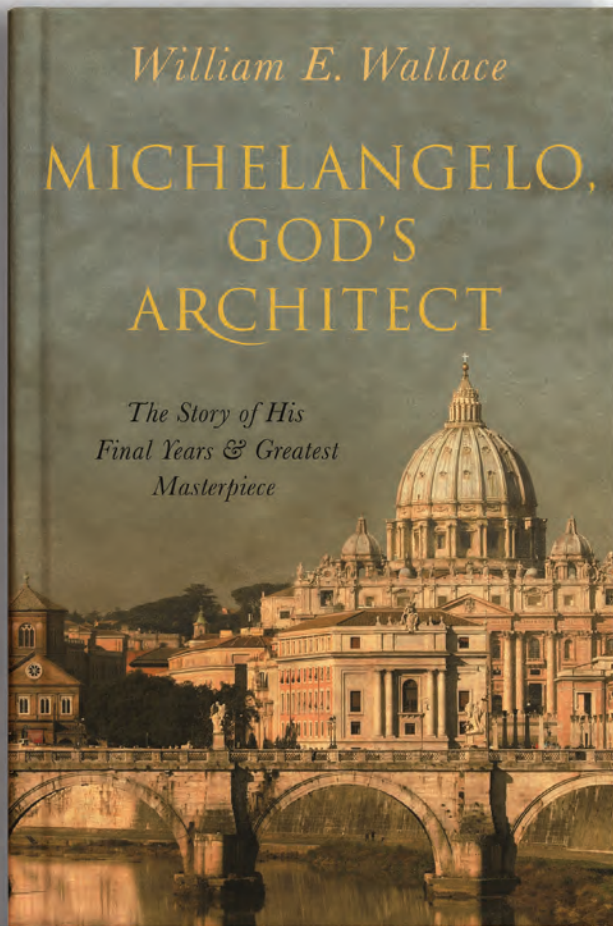
EARLY HEALTH CARE

Modern hospitals originated in the medieval hospital movement led by charitable Christian orders, which, as in the case of the Hospital of Santo Spirito in Rome (founded in 727 and still serving Romans today), cared for the poor and infirm, and provided lodging, food and rest to those on holy pilgrimage.

MIDDAY MADNESS

Noon, the hottest part of the day, was believed to be a time of metamorphosis. In the epic poem "Orlando Furioso" ("The Frenzy of Orlando"), a love-sick knight falls into madness (at noon) after being rejected by his not-so-chaste lady love and goes on a rampage through Europe and Africa, destroying everything in his path.

At 69, Michelangelo thought he'd retired. The next 18 years were the most productive of his life.



Go to magazine.wustl.edu to see a video about the last great challenge of Michelangelo's career.

On a gray January morning in 1545, a half-dozen workmen and twice as many oxen gathered at Michelangelo's studio on the *Macel de' Corvi*, near the hog butcher and greengrocer, and began moving Moses.

The eight-foot marble, on which the 69-year-old artist had labored for roughly half his life, was jostled through the streets of Rome, across a rutted cow pasture and around the Colosseum. At last it came to rest in the church of San Pietro in Vincoli — centerpiece of the tomb of Michelangelo's former patron, Pope Julius II.

"Michelangelo lived with Moses; the two grew old together," writes **William Wallace**, the Barbara Murphy Bryant Distinguished Professor of Art History in Art & Sciences, in *Michelangelo, God's Architect: The Story of His Final Years & Greatest Masterpiece* (Princeton University Press, 2019).

Now, with Julius' tomb finally complete, Michelangelo found himself at uncharacteristically loose ends, notes Wallace, the author of seven previous books about the artist. But in 1546, Pope Paul III prevailed upon Michelangelo to oversee construction of St. Peter's Basilica. It was a monumental task.

"Everything about St. Peter's was a mess," Wallace points out. Begun in 1506, the church — intended as the largest in Christendom — had strayed from Donato Bramante's original, centralized design. Bribery and graft were rampant. Progress had slowed to a virtual halt.

"From the beginning, Michelangelo knew that a building of that scale would take much longer than the number of years he had remaining on this earth," Wallace explains. Indeed, the basilica's massive dome would not be completed until 1590, more than a quarter-century after Michelangelo's death.

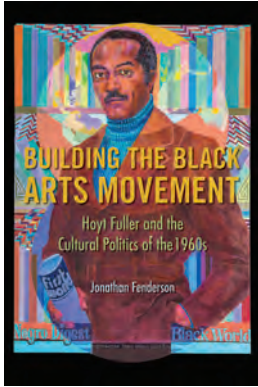
"The immediate challenge was to revive Bramante's conception and correct its many engineering deficiencies. But this required removing much recent construction — in a sense, reversing nearly 40 years of building history. It demanded courage and vision.

"Michelangelo had already accomplished much and had every right to wonder whether this was the best way to devote his few remaining years," Wallace continues. "He never before had faced such a daunting challenge.

"Yet his salvation, he eventually came to realize, depended on resurrecting St. Peter's."

■ LIAM OTTEN

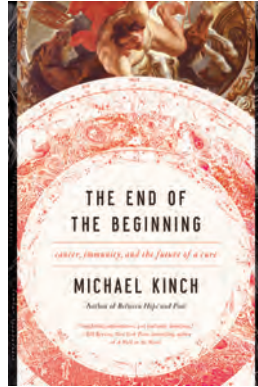
FACULTY



Building the Black Arts Movement: Hoyt Fuller and the Cultural Politics of the 1960s

BY JONATHAN FENDERSON,
assistant professor of African and African American Studies

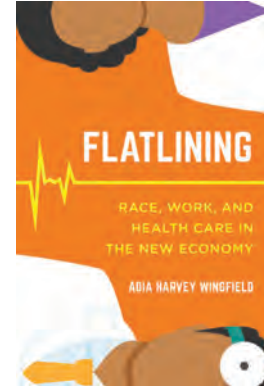
In 1965, LeRoi Jones (Amiri Baraka) founded the Black Arts Repertory Theatre School, which for many is considered the start of the Black Arts Movement. At the nexus of this two decades-long movement was Hoyt W. Fuller, activist and editor of *Negro Digest*. Fenderson's book looks at Fuller's life and the history of the Black Arts Movement.



The End of the Beginning: Cancer, Immunity and the Future of a Cure

BY MICHAEL KINCH,
associate vice chancellor and director of the Center for Research Innovation in Business, and professor of biochemistry and molecular biophysics in the School of Medicine

Recently, a remarkable series of breakthroughs have brought us closer than ever to a cure for cancer. Michael Kinch, drawing on his experience as a cancer researcher at Washington University, details the future of the cure, which is made possible by science's amazing ability to harness the human immune system.

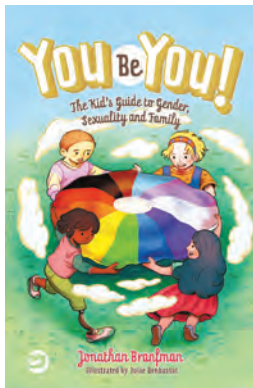


Flatlining: Race, Work, and Health Care in the New Economy

BY ADIA HARVEY WINGFIELD,
professor of sociology and associate dean for faculty development

Making health-care services more accessible to communities of color is important work, but in her new book, Adia Harvey Wingfield finds that the work falls on the shoulders of black doctors, nurses, technicians and physician assistants. And these employees aren't compensated or recognized for their efforts. Wingfield's work exposes the challenges that black employees face in today's complicated work environment.

ALUMNI



You Be You! The Kid's Guide to Gender, Sexuality and Family

BY JONATHAN BRANFMAN, AB '11,
author, and Julie Benbassat, illustrator

Gender studies scholar Jonathan Branfman, AB '11, recently penned a book for kids ages 7 to 11 that covers gender identity, sexual orientation and family diversity. Accompanied by charming illustrations, this book teaches kids about complex topics such as gender, intersectionality, discrimination and how to stand up for what's right.



Rosie the Dragon and Charlie Make Waves

BY LAUREN H. KERSTEIN, AB '93, MSW '95,
author, and Nate Wragg, illustrator

Charlie didn't plan to adopt Rosie, a dragon he found at an animal shelter, but they just connected. Now they're best friends. In this charming picture book by Lauren H. Kerstein, AB '93, MSW '95, Charlie and Rosie go swimming. And while swimming with a dragon can be challenging, nothing is impossible with your best friend by your side.



Too Numerous

BY KENT SHAW, MFA '03

Kent Shaw, MFA '03, the winner of the 2018 Juniper Prize for Poetry, grapples with modern life and how people are reduced to bytes of data in his latest book, *Too Numerous*. Shaw shows how personal information becomes an impersonal accumulation of data and the felicities and barriers that result. "The us that was inside us was magnificent structures," he writes. "And they weren't going to grow any larger."



Law professor Katie Herbert Meyer: How do you teach immigration law during an immigration crisis?

When someone new asks me what I do for a living, I answer with a smile, while cringing inside as I explain my area of expertise and await a response. For 16 years, I have been a proud immigration lawyer. Recently, I also became a clinical law professor. Immigration is a really hot topic today. I rarely find someone who has no opinion or feelings about the subject.

I am passionate about the work I do with immigrants and refugees, and with my students. Over the years, I've often been asked why I practice immigration law. The answer is my clients. It's their hope. And, it's their stories. Immigrants' stories of sacrifice, hardship, perseverance, trauma and resilience are what built our great country, and continue to be an important part of the fabric of our nation and our local communities. I feel privileged to be able to walk with my clients through their years-long journeys to achieve the security of permanent status in the U.S.

Immigration policy and its implementation have always been influenced by politics. Reasonable people have differed on the best solution for our country. But today's political rhetoric has raised the temperature and lowered the civility. Political leaders are stoking nativist fears to justify extreme restrictions on immigration that betray the foundational principles of our legal system.

The law is in a constant state of flux. New executive-branch agency decisions and regulatory changes have become nearly weekly occurrences. As quickly as I can read and digest the changes, legal challenges are mounted, and the new rules are blocked. Yet the humanitarian crisis continues to intensify. People are suffering while politicians and citizens debate their right to seek safety in our country.

In this time of uncertainty, educating today's law students to become effective lawyers and advocates is essential to ensuring a just immigration system. There is a dire shortage of immigration attorneys, particularly those who practice asylum law. In the St. Louis area, nonprofit organizations work together to maximize representation, yet dozens of eligible asylum seekers are turned away every month. The need for high-quality asylum representation far exceeds the available resources.

Law clinics are an ideal setting to train new immigration lawyers. Upper-level law students work directly with clients on their immigration applications, learning firsthand how the law does — and does not — work.

In the Immigration Clinic, law students and I experience together the real-life successes and pitfalls of legal representation. As I work with

law students to hone their lawyering skills, I'm acutely aware that I am training them for an extremely difficult job. It requires meticulous preparation, with often very high stakes. It means walking with clients through the highs and the lows. It means carrying stories of trauma and resilience, while relishing every success, big and small. In these challenging times, the big wins are few and far between. Often the chances of success seem nonexistent.

So why would I want to train law students to become immigration lawyers in today's environment? I think about this often. And the answer is, we are needed! Our clients need us, and the nation needs our expertise and our voices.

The question then becomes how to teach immigration law and model lawyering in a time of crisis. That is a hard question, and I certainly do not have all the answers. I focus on several important skills: I strive to teach my students to be empathetic listeners who are guided by trauma-informed approaches to lawyering. I focus a lot of my teaching on the attorney-client relationship and the importance of centering the client in our work.

As difficult as it can be, we must always be honest with clients about their likelihood of winning and the consequences of being denied. This can be emotionally difficult. Therefore, I teach students that it is equally important to establish self-care routines early in their careers. That was not a skill I learned in law school, and I struggle to implement it myself. Being a role model for students gives me a renewed reason to try.

Ultimately, my goal as a clinical law professor is to encourage new lawyers to use their special training and skills to push back against the erosion of legal protections wherever they see them. I realize that not all of my students will become immigration attorneys. They may become judicial law clerks, litigators, transactional attorneys, corporate attorneys or business owners. My hope is that, whatever work they do, tomorrow's lawyers are compassionate and more aware of the complexity and human consequences of our laws.

■ KATIE HERBERT MEYER

WHO

Katie Herbert Meyer,
JD '03

TITLE

Assistant professor of
practice and director
of the Immigration
Clinic

EXPERTISE

Family-based immi-
gration, refugee and
asylum law, naturaliza-
tion law and removal
(deportation) defense

EXPERIENCE

Formerly program
coordinator and
supervising attorney
at the Migrant and
Immigrant Community
Action Project

"In this time of uncertainty, educating today's law students to become effective lawyers and advocates is essential to ensuring a just immigration system. There is a dire shortage of immigration attorneys, particularly those who practice asylum law."



Sean Joe wants to change the lives of young black men in St. Louis.

On Aug. 9, 2014, Michael Brown, an unarmed black teenager, was shot and killed by a white police officer in Ferguson, Missouri. The next day, Sean Joe, the Benjamin E. Youngdahl Professor of Social Development, arrived in St. Louis. When he'd been considering the move to St. Louis, he'd thought the city was ripe for a population-wide initiative for black males. Now he saw that the need for intervention was urgent.

"The experience of young black males was represented by the experience of Michael Brown and others who have followed over the years," says Joe, also associate dean for faculty and research at the Brown School. In the United States, for black males ages 18–29, homicide is a leading cause of death whether by the police or a peer.

"Black boys are vulnerable," Joe says. "They're seen as different. They're seen as bigger, bigger than they actually are physically, just like Michael Brown. There's not enough empathy for young black males."

Joe hopes to change that with HomeGrown STL, an initiative he started working on almost as soon as he arrived in St. Louis. Housed in the Race and Opportunity Lab in the Center for Social Development at the Brown School, HomeGrown STL hopes to improve the social mobility of the region's 60,000 black boys and young men, ages 12–29, in one generation — by the year 2039. Social mobility is defined as the ability of black boys and men to move upward and attain a better life than their parents.

Changing the lives of 60,000 people is a huge community science undertaking. These last few years have been spent in securing funding, doing research on the current social mobility of the lives of black boys and men in the St. Louis metro area, designing key strategies, and organizing key stakeholders around the initiative.

So far, HomeGrown STL has been awarded \$2.5 million from the National Institutes of Health and has been named a "Community to Watch" by the Obama Foundation's My Brother's Keeper Alliance (MBK). Former President Barack Obama launched MBK to "address the persistent opportunity gaps faced by boys and young men of color." The alliance will provide support and technical assistance to strengthen funding proposals.

In February 2019, HomeGrown STL started a Catchment Area Pilot, with the goal of improving the lives of 8,000 black boys and young men ages 12–19 and developing a strategy to scale up for the region.

"We'll see the benefits in a variety of systems when black males are prospering and doing well," Joe says. "It will change not only the black male experience, but St. Louis' economic power as well."

■ ROSALIND EARLY



Illustration: Sara Wong, BFA '16



@saraarielwong

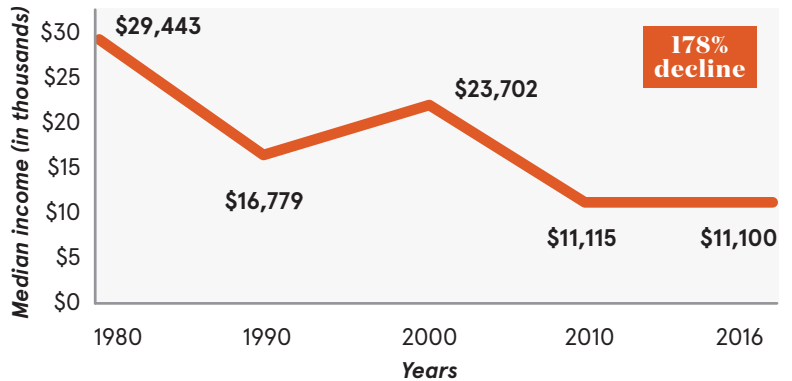


Here are some of the findings about the lives of black boys and men in St. Louis that HomeGrown STL assembled in recent reports, and information about the impact that HomeGrown STL could have on the region.

WHERE WE ARE NOW

Daily Income

\$30 The average daily income of black males.



1st St. Louis' ranking for homicides per 100,000 persons among U.S. Metropolitan Statistical Areas in 2017. Since 1980, St. Louis city has experienced a 280% increase in its homicide rates.

73%

The percentage of firearm homicide victims in St. Louis who are black males. The majority are between 20 and 34 years of age.

40%

The percentage increase in the death rate for black males ages 18–29 between 2014 and 2017.

THE WAY FORWARD

Funding

\$100 million How much funding HomeGrown STL hopes to get over the next 20 years from regional champions, the National Institutes of Health and foundations to support its programs.

90+ The number of community partners HomeGrown STL has brought into its initiative.



Photo: Whitney Curtis

‘Where We’re Heading’

Oct. 3, 2019, was an extraordinary day for Washington University as Andrew D. Martin was inaugurated as our 15th chancellor. The day centered around Martin’s message of building on the university’s momentum, detailing successes of the past and present, and outlining his vision for the future.

EVEN THE MOST EXTRAORDINARY DAYS start with ordinary moments. For example, a mom who is a groundbreaking university scientist and professor makes breakfast for her daughter before heading to the lab. A top-ranked collegiate soccer team conducts scoring drills on a historic Olympic field during an early morning practice. A young university chancellor selects a tie.

And not just any tie. It’s an extraordinary tie, for an extraordinary day.

The date is Oct. 3, 2019, and that chancellor is Andrew D. Martin. He’s wearing for the first time a tie given to him 15 months earlier by Chancellor Emeritus Mark S. Wrighton, shortly after Martin was announced as the 15th chancellor of Washington University. It’s the same tie, featuring the logo of Washington University in St. Louis, Wrighton received for his inauguration as chancellor

in 1995 from then-Board of Trustees Chair William Van Cleve.

Later in the day, Martin will be wearing the tie — a symbol of the change in leadership — with his academic robe as he accepts the Chancellor’s Medallion from Board of Trustees Chair Andrew Newman. He’ll be wearing it when he accepts the university charter from Newman, Wrighton and Chancellor Emeritus William H. Danforth. And he’ll be wearing it when he delivers an inaugural address that will captivate and inspire faculty, staff, students, alumni, friends and delegates from more than 80 universities with its vision, its timeliness and its candor.

“Today is about Washington University,” he will tell the gathering in Brookings Quadrangle and those watching online. “And it’s about momentum.” Momentum, Martin will say, perfectly describes “where we’ve been, where we are and where we’re heading.”

A SHIFT IN THE WEATHER

But before that extraordinary moment in Brookings Quadrangle come a few other ordinary ones. Martin's first stop is the Sumers Recreation Center, where later that evening his inaugural dinner will be held. He's with Newman; his wife, Stephanie; and members of his staff, performing mic checks and going over tiny details of a day scheduled down to the minute. But he's relaxed and ready, showing Stephanie congratulatory texts and nodding at staff members who are briefing him on what's to come.

"If anything unexpected happens, we'll just deal," Martin says with characteristic positivity.

He's due in the Knight Center for the start of the inaugural symposium. Instead of getting a ride on the perimeter of campus from the Washington University Police Department (WUPD), he and Stephanie opt to walk over. And why not? The day prior saw the dedication of the Danforth Campus' east end, and it was an unseasonably hot 90 plus-degree day. Participants at the ceremony sweltered in the late-afternoon heat and humidity. But not today. A brisk wind brought in a cold front in the early morning hours, and now it's a delightfully pleasant 75 degrees. In the course of a few hours, summer has become fall. Even the weather has altered its momentum on this inauguration day.

As the entourage walks toward the Knight Center, past the tennis courts and the frat houses, the Martins smile at students scurrying past them. It might be his day, but classes are still in session — and there's an academic symposium that must get under way.

'TRULY HIS VISION'

"It's important that this day not be all about me," Martin says in his first official appearance of the day in Emerson Auditorium. "Today should be just as much about you."

That he has chosen to start the day with a showcase of research and scholarship speaks volumes, as will the notable faculty members who will line up to get photographed with him before the symposium begins. It's a lot to pack in one morning, but it's important to Martin that the work of the university be highlighted before any hoopla.

Martin is introduced by his mentor, Lee Epstein, the Ethan A.H. Shepley Distinguished University Professor. Epstein was his faculty adviser in the mid-1990s when he first came to WashU as a PhD candidate in the Department of Political Science in Arts & Sciences. Over the past year, she served as co-chair of the subcommittee that planned the inauguration festivities, and today she is emceeing the morning event.

"This symposium is truly his vision, and it represents the enormous accomplishments of the Washington University community," Epstein says.

Over the course of the next two-plus hours, 13 faculty members give short presentations on their research and the ways it contributes to the university's momentum and to society. Among

them is Hong Chen, assistant professor of biomedical engineering in the McKelvey School of Engineering and of radiation oncology at the School of Medicine.

Chen's groundbreaking research centers on focused ultrasound, a new method of penetrating the blood-brain barrier that can both diagnose brain tumors and deliver drugs directly to them. She calls it a two-way transfer.

"The blood-brain barrier is our brain's first line of defense," Chen says, "but it also prevents more than 98 percent of the available drugs from reaching the brain. We use focused ultrasound to open these gates in a controlled way, so drugs can pass through the barrier."

Chen spends mornings in her lab at the School of Medicine before driving through Forest Park every afternoon to teach classes in the McKelvey School of Engineering on the Danforth Campus. She's in essence a human two-way transfer, momentum personified. (See sidebar on pg. 30 for more on the faculty symposium.)

"It's important that this day not be all about me. Today should be just as much about you."

That he [Martin] has chosen to start the day with a showcase of research and scholarship speaks volumes. ...

MAKING CONNECTIONS

As the symposium is wrapping up, Martin finally gets that ride with WUPD. He first picks up his 11-year-old daughter, Olive, who's been doing a bit of practicing on her own for later in the day. Then father and daughter head to the Medical Campus where he's scheduled for a meet-and-greet hosted by Dean David Perlmutter, MD.

Unbeknownst to Martin, hundreds of School of Medicine employees are waiting on the sidewalk outside the Eric P. Newman Education Center (EPNEC), waving welcome signs, holding cutouts of his face and cheering as he exits the car. It's rock-star treatment, and he is both surprised and gracious. He works the crowd with smiles and handshakes, posing for selfies with anyone who asks. The med school team has nailed every detail, including gifts for Olive: a teddy bear wearing surgical scrubs and a T-shirt that says, "My dad's kind of a big deal."

"Wow," Martin tells the packed house in the EPNEC before he settles into an easy chair onstage to have a conversation with Perlmutter. "We've been blown away by the reception as we've come home to the WashU community." Then he shares a derivative of the perspective he repeats throughout the day: "This is not about me. It's about the work — your work that is transformative and life-changing," he says.

Martin and Perlmutter talk about a wide range of topics: his love of math, his method of problem solving, and the qualities he thinks



Photo: Joe Angeles

Inauguration day was filled with many special moments, including the bringing together of the 13th, 14th and 15th chancellors of Washington University: (from left) Andrew D. Martin (15), William H. Danforth (13), Mark S. Wrighton (14).

a good leader should have: “authenticity, transparency, modeling of good behavior — getting to know your team.

“One of my strengths, I believe, is the ability to make connections,” Martin says. He certainly has connected with those on the Medical Campus, and it was mutual.

Martin and Perlmutter talk about a wide range of topics ... the qualities he thinks a good leader should have: “authenticity, transparency, modeling of good behavior — getting to know your team.”

HISTORY UNDER THE CANOPY

After the Q&A, Martin and Olive head back to the Danforth Campus for a relaxed lunch in Anheuser-Busch Hall’s Crowder Courtyard, with family, friends and delegates who have come from all over the world to wish Martin well.

As the lunch ends, Martin, Wrighton and Danforth — more than a half-century of Washington University leadership — gather together for a photograph in a “Rushmorian” pose. It’s a special moment for Martin, and later he will mention that his dissertation is signed by both Wrighton, who was chancellor in 1998 when Martin earned his doctorate, and Danforth, who was then-chairman of the board.

‘HE’S DESTINED FOR GREAT THINGS HERE’

It’s about 45 minutes until the installation ceremony is set to begin, and Brookings

Quadrangle is coming to life. In the center of the Quad on a raised platform stage sit Vice Provost Adrienne D. Davis, the William M. Van Cleve Professor of Law and founding director of the new Center for the Study of Race, Ethnicity & Equity; and Todd Decker, the Paul Tietjens Professor of Music and chair of the Department of Music in Arts & Sciences.

Davis and Decker are anchoring a “pregame”-style online broadcast with guests, including former Board of Trustee Chair Craig Schnuck, who led the chancellor’s search committee; Stephanie and Olive Martin, who share their version of the special day they got the call that would change their lives; and other key Washington University stakeholders. Davis and Decker are like a WashU version of Robin Roberts and George Stephanopoulos, deftly handling guests and wardrobe changes like pros.

At stage left, historic Holmes Lounge is also a beehive of activity with ceremony participants — staff, faculty, delegates and trustees — donning academic robes and adjusting tams. Momentum is building. It all looks and feels very much like Commencement, but it’s October.

Making her way through the Quad is Martin’s close friend and former classmate Christina Wolbrecht, professor of political science at the University of Notre Dame. She earned both her master’s and doctoral degrees at WashU where she met Martin. On this day, she is happy to simply play the role of his friend who will help keep him grounded. “To me, he’s just Andrew,” says Wolbrecht, MA ’94, PhD ’97, “but I know he’s destined for great things here because I know how he thinks.

Cont. pg. 28



Photo: Joe Angeles



Photo: Jerry Naunheim

SPECIAL TAMS FOR A SPECIAL DAY

In the above photo, Chancellor Martin, his wife, Stephanie, and their daughter, Olive, share a relaxed moment while robing for the inauguration ceremony. Chancellor Martin and Olive are wearing custom tams (the distinctive head covering typically seen as part of academic regalia) designed by senior Meredith Liu, a fashion design major in the Sam Fox School of Design & Visual Arts. Liu, who has studied and created a wide variety of garments, designed the two tams specially for Martin.

The first design, which he wore for the ceremony, boasts a classic tartan plaid based on university colors. "I played with thread counts until I found a plaid that was the most visually pleasing and compositionally balanced," Liu says.

And the second tam, worn by Olive above, features a series of light-hearted, St. Louis-centric doodles: the Gateway Arch, Brookings Hall, the Old Courthouse and more. "I decided to include hand-drawn illustrations of some of Chancellor Martin's favorite things," Liu says. "It was fun to create."



Photo: Whitney Curtis



Photo: Matt Miller



Photo: Jerry Naunheim

Clockwise from center above: Chancellor Andrew D. Martin delivers his inauguration address in which he announced, among other commitments, the WashU Pledge, a bold new financial aid program for regional students. • The School of Medicine gave Chancellor Martin and Olive a rock-star welcome prior to Martin's sit-down Q&A with Dean David H. Perlmutter, MD. • More than 80 delegates from colleges and universities near and far came to participate in the inauguration. • During a live pre-ceremony show, Adrienne D. Davis (left), vice provost and the William M. Van Cleve Professor of Law; and Todd Decker, the Paul Tietjens Professor of Music and chair of the Department of Music in Arts & Sciences, interviewed dignitaries and special guests on the significance of the day.



Photo: Whitney Curtis

INAUGURAL POEM ILLUMINATES THE PERSONAL AND UNIVERSAL

After Paul Tran, MFA '19, delivered their poem, "Momentum," during the inauguration, they received a standing ovation. (Tran is transgender and uses the pronoun they.) The poem was deeply personal, drawing on Tran's childhood. Their mother came to the U.S. in 1989 as a refugee from Vietnam and worked three jobs.

"Nobody I knew had graduated high school or gone to college," Tran says. "The fact that I not only came to Washington University as a graduate student to study poetry but was also a Chancellor's Graduate Fellow, represents, at least to me, that the university is a place where lives can transform, and dreams, no matter how impossible, can be achieved." They hoped that drawing on their story could "illuminate what the future holds for the university."

ON THE POEM'S METAPHOR ...

When the time came for me to begin the inaugural poem, I kept returning to these lines: "For so long, I envied the engineering of birds." So I researched.

HOW THE POEM CAME TOGETHER ...

I was raised by brilliant and hardworking refugees who had no choice but to defy whatever rules and laws they knew to forge for us a new life. I saw in birds what I had to manifest during the most difficult times of my life in order to simply exist. That, there and then, was the poem.

ON THE IMPACT OF THE POEM ...

I attempted to communicate information about my family's survival and my own survival under conditions that tried to annihilate us. I attempted to think about where this survival originates from and how, despite failures and heartbreaks and disappointments, it's successfully cultivated. And I attempted to ask, for the occasion of the inauguration, the university and the community to meditate on their own survival, the sacrifices and wisdoms that made them possible, and to meditate on the momentum required for us not simply to survive but to become unstoppable forces.



Go to magazine.wustl.edu to see Tran's delivery of the inaugural poem "Momentum."

Cont. from pg. 25

"When I first knew him, he was already a leader," she says, recalling their days as political science grad students in long-gone, utilitarian Eliot Hall. "We would all be debating what to do or where to go, but Andrew would be the one to say, 'we're going to do "x," and then we're off to the Cardinals game' or whatever it might be."

Wolbrecht says Martin's energy then — and now — is contagious. "Running a university is a complicated puzzle, but Andrew will ask the right questions," she says. "The answers won't always be obvious and will involve a bit of experimentation, but that's how Andrew thinks about things. He will figure it out."

'RIGHT WHERE WE ARE'

The installation ceremony is everything it's advertised to be: long on tradition — with its academic robes, its medallion and charter — and chock-full of vigor and optimism — with its giant video screens, its hashtags and speeches. It includes welcomes from Newman and from faculty, students, alumni and staff, including Wes Brooks, a former Gloria W. White Distinguished Service Award winner, who says, "What I love about this university ... is that it stands for inclusion, it stands for diversity, but most of all, it stands for the people."

In a moment that brings the crowd to its feet, Paul Tran, a Chancellor's Graduate Fellow in writing in Arts & Sciences, delivers a poem they wrote on the theme of momentum. (See sidebar at left for more on Tran's remarkable poem.)

Martin then addresses the crowd, outlining his priorities, challenging the university community, inspiring action. In his speech, he commits to building on the scholarship and research that made the university an international leader.

He vows to build a bridge to the St. Louis region, being Washington University not only in St. Louis, but "for St. Louis." And he boldly backs it up with the "WashU Pledge," which will provide a free undergraduate education to admitted full-time Missouri and Southern Illinois students who are Pell Grant-eligible or from families with annual incomes of \$75,000 or less.

Martin makes these promises at a time when higher education is facing its biggest public challenges: "While the national perception wanes, we must turn those challenges not into threats, but into opportunities."

Listening to it all is Stephanie Kurtzman, who has spent 21 years at Washington University in various roles in community service and engagement, including her current role as the Peter G. Sortino Director of the nationally recognized Gephardt Institute for Civic and Community Engagement.

"When we look at this speech in the history books, it will be a speech that very much reflects the world — and the nation — of 2019," Kurtzman says. "This was the speech the chancellor needed to give. It was about this moment in time.



Photo: Joe Angeles

“One of the most powerful lines to me was when he said he wanted to eradicate the perception that St. Louis was WashU’s ‘side gig’ — ‘In St. Louis. For St. Louis,’” she says. “That single line elevated the Gephardt Institute’s work to a larger platform.

“St. Louis is where our students are, where our faculty and staff are,” she continues. “It doesn’t take away from the great work that goes on and should go on at national and global levels. But he was talking about where we live and where we have the opportunity to stitch learning and engagement together right where we are, for the betterment of the St. Louis region.”

In his speech, he commits to building on the scholarship and research that made the university an international leader.

He vows to build a bridge to the St. Louis region, being Washington University not only in St. Louis, but “for St. Louis.”

‘TIME TO GET TO WORK’

The ceremony ends with the singing of the alma mater and bagpipers leading the academic procession out onto the lawn in front of Olin Library, where food booths and water stations greet the assemblage. An appearance by the Stanley Cup, won by the hometown St. Louis Blues in June 2019, surprises not only the students but Martin, too, who can’t stop

smiling at the 127-year-old piece of hardware, the oldest and most venerable trophy in sports. For the WashU community, it’s time to celebrate.

Yet some students will have to wait a few hours to join in. The junior cohort of Gephardt Civic Scholars, for example, needs to attend its weekly class to prep for the biannual four-day immersion trip. Serendipitously, this year’s trip is slated to be in St. Louis — a commitment made before Martin’s speech was written, but one that dovetails completely with his vision. In particular, students will examine the St. Louis community through several lenses: economic development, public safety and public-private partnerships.

Not to worry about the Civic Scholars, they’ll have plenty of time to celebrate the historic day after their class ends. In fact, student festivities on Mudd Field go on late into the evening.

Martin’s family, friends and others in the university community continue on to dinner in the rec center, where Olive steals the show with a snappy five-minute introduction that offers a glimpse into her family’s life. She charms the audience with endearing nuggets: she likes to golf with her dad; she’s got a dog named Danny; and her mom makes her listen to “old stuff” like 1970s and ’80s music.

Later in the evening, Martin rejoins students back on Mudd Field for a fireworks display. From the band stage, he watches the extravaganza as well as the students enjoying the show. And he appreciates the moment: It’s officially time to build on the institution’s momentum, to spark his vision for the university. As he told medical faculty and staff earlier in the day, “I’ve been listening for 18 months. Now it’s time to get to work.”

At the end of the evening, after all the official events had been held and inspiring talks and speeches had been given, Chancellor Martin rejoined the student celebration on Mudd Field for a fireworks display — an exciting end to a momentous day.



Photo: Joe Angeles



Photo: Jerry Naunheim



Photo: Joe Angeles

Clockwise from upper left: Lee Epstein, the Ethan A.H. Shepley Distinguished University Professor, served as emcee of the inauguration symposium, including introducing Chancellor Andrew D. Martin to attendees. • Peter Boumgarden, professor of practice, strategy and organizations, spoke about the impact of experiential learning. • Hong Chen, assistant professor of biomedical engineering and of radiation oncology, spoke about a new method to penetrate the blood-brain barrier.

INAUGURATION SYMPOSIUM: A GLIMPSE OF OUR COLLECTIVE IMPACT AND SHARED VISION

Thirteen faculty members delivered seven-minute distillations of their work during the morning’s symposium. (See summaries on pg. 31.) In the context of the inaugural theme of “Momentum,” these presentations inspired us to think about where we are and where we are going — as individuals and as an institution.

As the symposium’s emcee, Lee Epstein, the Ethan A.H. Shepley Distinguished University Professor and co-chair of the inauguration planning subcommittee, spoke of the committee work that led to the day’s lineup. “It was like an amazing seminar during which we all learned about the extraordinary research, innovations, discoveries, inventions and partnerships that happen at Washington University,” Epstein said. “Showcasing all these activities would obviously take many months. So think of today as ... a very small sample of the path-marking work that goes on every day in every building on our campus.”

While introducing Chancellor Andrew D. Martin, Epstein said, “Please know that this symposium truly is his vision. Our chancellor hoped to mark the start of this momentous day with the celebration of the enormous accomplishments of our community.”

“To that end,” Martin said, “this symposium is meant to serve as merely a window into some of the transformative research happening across our campuses and to celebrate some of our most renown faculty who help make that research possible. It is also a chance to benchmark some of our current momentum, so we can build on that success and move further along our trajectory.”

In his inauguration address delivered later in the day, Martin reiterated a commitment to academic discovery and distinction as well as a commitment to the St. Louis region. He vowed to fully empower its greatest asset — its world-class faculty — to address the region’s complex challenges, a vow that is integral to his vision of where our momentum will take us.



Go to inauguration.wustl.edu to view the faculty symposium presentations summarized on pg. 31.

IMPROVING GUT HEALTH

Jeffrey Gordon, MD, the Dr. Robert J. Glaser Distinguished University Professor; director, Edison Family Center for Genome Sciences and Systems Biology, School of Medicine

SPEECH: “Development of Microbiota-directed Foods for Treatment of Childhood Malnutrition”

SUMMARY: Malnourished children have different gut microbial communities, and without fixing those communities, the children remain malnourished, even if they gain weight. Gordon also announced that he is going to start conducting his research on gut health on populations in St. Louis.

VISUALIZING DATA

Heather Corcoran, the Halsey C. Ives Professor, Sam Fox School of Design & Visual Arts; interim dean, University College, where she is leading a project called Reimagine UCollege

SPEECH: “Visualizations of Time”

SUMMARY: Data often need a context for people to understand their relevance. Corcoran’s work, in cancer data, homicide-related projects and more, engages both numbers and written analysis as she strives “to communicate content with clarity, to design visual surfaces that promote new understanding.”

BRINGING OPPORTUNITY TO AFRICA

Fred Ssewamala, MSW ’99, PhD ’03, the William E. Gordon Distinguished Professor, Brown School; professor of medicine, School of Medicine; director and founder, International Center for Child Health and Development; director, SMART Africa Center

SPEECH: “Global Health Work in Sub-Saharan Africa: Opportunities for Scientific Researchers”

SUMMARY: Sub-Saharan Africa is the poorest region in the world with the highest prevalence of HIV in youth and adults. Ssewamala’s NIH-funded studies addressing poverty through combination interventions are showing promise in delivering better outcomes for youth there, findings that could inform interventions in inner cities in the U.S.

BREAKING THE BLOOD-BRAIN BARRIER

Hong Chen, assistant professor of biomedical engineering, McKelvey School of Engineering, and of radiation oncology, School of Medicine

SPEECH: “Two-Way Transfer Across the Blood-Brain Barrier”

SUMMARY: Chen’s groundbreaking research centers on focused ultrasound, a new method of penetrating the blood-brain barrier that can both diagnose brain tumors and deliver drugs directly to them in what she calls a “two-way transfer.”

UNDERSTANDING MUSLIM COMMUNITIES

John Bowen, the Dunbar-Van Cleave Professor of Sociocultural Anthropology in Arts & Sciences

SPEECH: “How Muslims, Like the Rest of Us, Adapt to New Worlds”

SUMMARY: A social anthropologist, Bowen studies how humans adapt by modifying their ideas, including religious ideas, and practices, as they move to new places or the world changes around them. Why study how Muslims or others adapt? Because it provides a way to counter some of the most pernicious lies told about other people.

CHANGING ST. LOUIS

Sean Joe, the Benjamin E. Youngdahl Professor of Social Development and associate dean for faculty and research affairs, Brown School

SPEECH: “HomeGrown STL: Scaling Impact with Community Partners”

SUMMARY: Joe is developing a plan to increase the upward mobility of young black males in St. Louis between the ages of 18 and 29, whose median annual income is \$11,000. “The vision of St. Louis as a premier destination is directly tied to the life experiences of these young men,” he says. (For more about Homegrown STL, go to pg. 20.)

ELIMINATING CANCER DISPARITIES

Bettina F. Drake, associate director of community outreach and engagement, the Alvin J. Siteman Cancer Center; professor of surgery, Division of Public Health Sciences, School of Medicine

SPEECH: “Cancer: Eliminating Disparities, Promoting Prevention”

SUMMARY: Over 15 years, Siteman Cancer Center has honed a comprehensive outreach strategy: to promote cancer prevention, to eliminate disparities within our community and region, and to expand clinical services. Siteman also works with cancer-specific community partners — for breast, prostate, colorectal cancer and more — to effect much-needed change in the St. Louis community and surrounding region.

INCREASING CYBERSECURITY

Joe Scherrer, BSEE ’89, MA ’18, executive director, the Henry Edwin Sever Institute; director, Cybersecurity Strategic Initiative, McKelvey School of Engineering

SPEECH: “Cyber(UN)Security”

SUMMARY: Through a new consortium and centers — such as The Global Center for Cybersecurity, Privacy and Trust — the university is working with industry, government agencies and other education institutions to structure ongoing and systematic collaboration in innovation, education and research to advance our region’s contribution to cybersecurity.

PIONEERING ETHICS FOR HUMAN DATA

Neil Richards, the Koch Distinguished Professor of Law; and **Jonathan Heusel**, MD ’95, PhD ’95, professor of pathology and immunology and of genetics, School of Medicine; co-directors, the Joseph and Yvonne Cordell Institute for Policy in Medicine and Law

SPEECH: “The Future of Human Data in Healthcare and Beyond”

SUMMARY: Modern technology is advancing very rapidly; existing laws and ethics simply can’t keep up. The mission of the Cordell Institute is to pioneer an ethical data-driven future, to promote health and to protect people.

LEARNING THROUGH EXPERIENCE

Peter Boumgarden, PhD ’10, professor of practice, strategy and organizations, Olin Business School

SPEECH: “Experiential Impact”

SUMMARY: Experiential learning permits students to get hands-on experience at businesses, startups and nonprofits and to help drive innovation in St. Louis. (For more on Boumgarden, see pg. 12.)

STUDYING THE DIVIDED CITY

Jean Allman, the J.H. Hexter Professor in the Humanities; director, Center for the Humanities in Arts & Sciences; and **Bruce Lindsey**, the E. Desmond Lee Professor for Community Collaboration, Sam Fox School of Design & Visual Arts

SPEECH: “The Divided City”

SUMMARY: The Divided City is a grant program, funded by the Andrew W. Mellon Foundation, that supports studies and community engagement around urban segregation both in St. Louis and internationally. Since 2014, the program has funded more than 50 grants.

TISCH PARK

1



Photo: James Ewing

WEIL HALL

2



Photo: Joshua White / JWPictures.com

JUBEL HALL

3



Photo: James Byard

SUMERS WELCOME CENTER

4



Photo: James Byard

Inside the New

KEMPER ART MUSEUM

5



Photo: Joshua White / JWPictures.com

SCHNUCK PAVILION

6



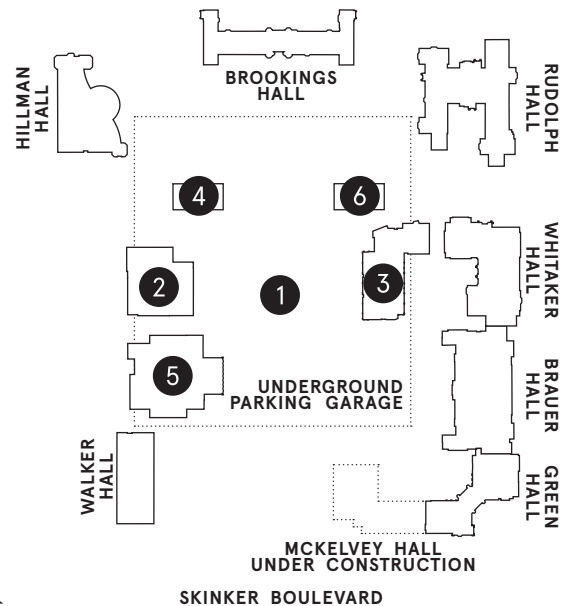
Photo: James Boyd

The transformed east end of the Danforth Campus is now open for business. The new buildings and spaces provide essential areas for students to collaborate with classmates across disciplines and to relax and congregate with friends.

THE TWO-YEAR, \$360 MILLION CAMPUS EXPANSION has added three new academic buildings, two new multiuse facilities, an expansion of the Mildred Lane Kemper Art Museum, and an underground parking garage topped by an expansive new park. Sustainability, interdisciplinary collaborations and community connectedness were all central objectives guiding the largest capital project in recent university history.

In the following pages, get a look at Ann and Andrew Tisch Park, Anabeth and John Weil Hall, Henry A. and Elvira H. Jubel Hall, the Gary M. Summers Welcome Center, the Mildred Lane Kemper Art Museum expansion and the Craig and Nancy Schnuck Pavilion.

Look for more on the James M. McKelvey, Sr. Hall (to be completed in 2020) in a future edition of the magazine. (For a tribute to the late Dean Emeritus McKelvey, 1925–2019, see the “In Memoriam” section on pg. 60.)



East End



Photo: Washington University Facilities Planning & Management

Ann and Andrew Tisch Park 1

The east end of the Danforth Campus opens with the gracious green space of Ann and Andrew Tisch Park. The landscaping honors the historic design of the campus and reflects the character of nearby Forest Park.



Photo: James Byard

University members recline in the “Senat” chairs in Ann and Andrew Tisch Park. “Senat chairs were originally designed and produced by the parks department in Paris in the 1920s,” says Jeff Morrisey, a project manager for campus planning and capital projects. The colorful, lightweight chairs are intended to be moved around the park to facilitate recreation and relaxation.

Tisch Park also features a sculpture park and fountains, and improves pedestrian access. The buildings along the park have “active edges,” or outdoor spaces, and window-filled ground-level floors to blur the line between inside and outside.



Photo: James Ewing

Students sit in front of Weil Project Wall, in Weil Hall's first-floor commons. The space will be used to showcase different artists. Here is part of Anne Schaefer's 12-panel mural "it comes and it goes." Schaefer, BFA '01, is known for her immersive paintings and large-scale art installations. The pattern of her panels was inspired by the building's window panes.

Anabeth and John Weil Hall, part of the Sam Fox School of Design & Visual Arts, houses state-of-the-art graduate studios, classrooms and digital fabrication spaces. The building was designed by acclaimed architecture firm KieranTimberlake.



Photo: James Ewing

Anabeth and John Weil Hall 2

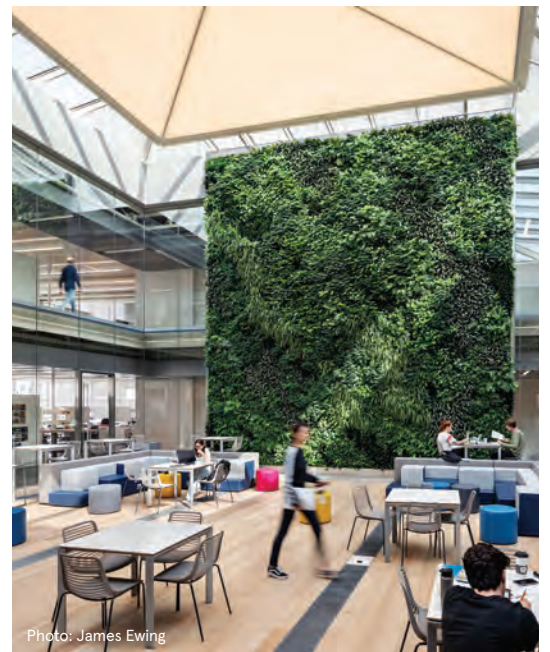


Photo: James Ewing

Weil Hall's Kuehner Court features a green wall with more than 5,000 plants. Lead plant designer Nathan Beckner says the Mississippi was his inspiration. "I wanted to incorporate that river patterning as well as a sense of topography and narrative."

Henry A. and Elvira H. Jubel Hall is the new home of the Department of Mechanical Engineering & Materials Science. It contains classrooms, laboratories, faculty offices, study areas and the Spartan Light Metal Products Makerspace.



Photo: James Ewing

Henry A. and Elvira H. Jubel Hall 3



Photo: James Byard

In this building, mechanical engineers will work closely with physicists, chemists, biologists, and chemical and biomedical engineers to promote the convergence of mechanics, materials science and nanotechnology.



Photo: Colins Lozada/Moore Ruble Yudell

At Washington University, engineering faculty and students collaborate across converging disciplines to focus on medicine and health, energy and the environment, and security. In Jubel Hall's Spartan Light Metal Products Makerspace, specifically, students, faculty and staff are developing innovative ideas and products that will impact the community and the world.

A key component of the overall transformation of the east end of the Danforth Campus, the Gary M. Sumers Welcome Center offers visitors and the university community inviting gathering spaces, interview areas for applicants, and a direct and convenient visitor connection from the underground garage.

The Gary M. Sumers Welcome Center houses the Bluedorn Family Presentation Room, which provides visitors with stunning and expansive views of Brookings Hall and Ann and Andrew Tisch Park.



Photo: James Byard



Photo: James Ewing

Gary M. Sumers Welcome Center 4

The welcome center provides a clearly designated starting point for campus visitors, and it houses the Office of Undergraduate Admissions and Student Financial Services.



Photo: James Byard

An expansion on the north side of the Mildred Lane Kemper Art Museum has created the James M. Kemper Gallery, a state-of-the-art exhibition space, enabling the museum to showcase a larger portion of its world-class collection and expand its exhibition program. The renovated museum reopened with a major exhibition, *Ai Weiwei: Bare Life*, Sept. 28, 2019.

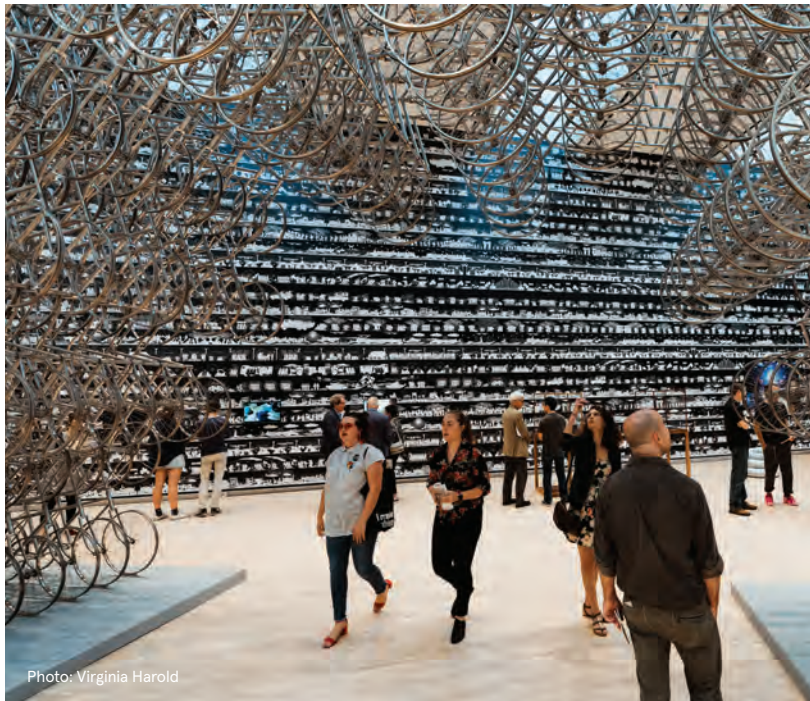


Photo: Virginia Harold

The exterior of the Kemper Museum addition features an iconic and memorable north façade, composed of 30-foot-tall, pleated stainless steel panels that reflect the surrounding landscape, sky and buildings.



Photo: Joshua White / JWPictures.com

Mildred Lane Kemper Art Museum 5

The expanded museum includes a glass-lined lobby that features Tomás Saraceno's *Cosmic Filaments* and offers views of the relocated Florence Steinberg Weil Sculpture Garden and of Ann and Andrew Tisch Park.





Photo: James Ewing

Located on the northwest side of the east end of the Danforth Campus, adjacent to the base of the Brookings steps, the Craig and Nancy Schnuck Pavilion is a vital hub of activity, bringing together dining options, the Environmental Studies Program and the Office of Sustainability.

The Parkside Café at the Schnuck Pavilion offers indoor and outdoor seating for nearly 300. Open for light breakfast and lunch Monday through Friday, the café is already a busy and popular gathering space.



Photo: James Ewing

Craig and Nancy Schnuck Pavilion 6



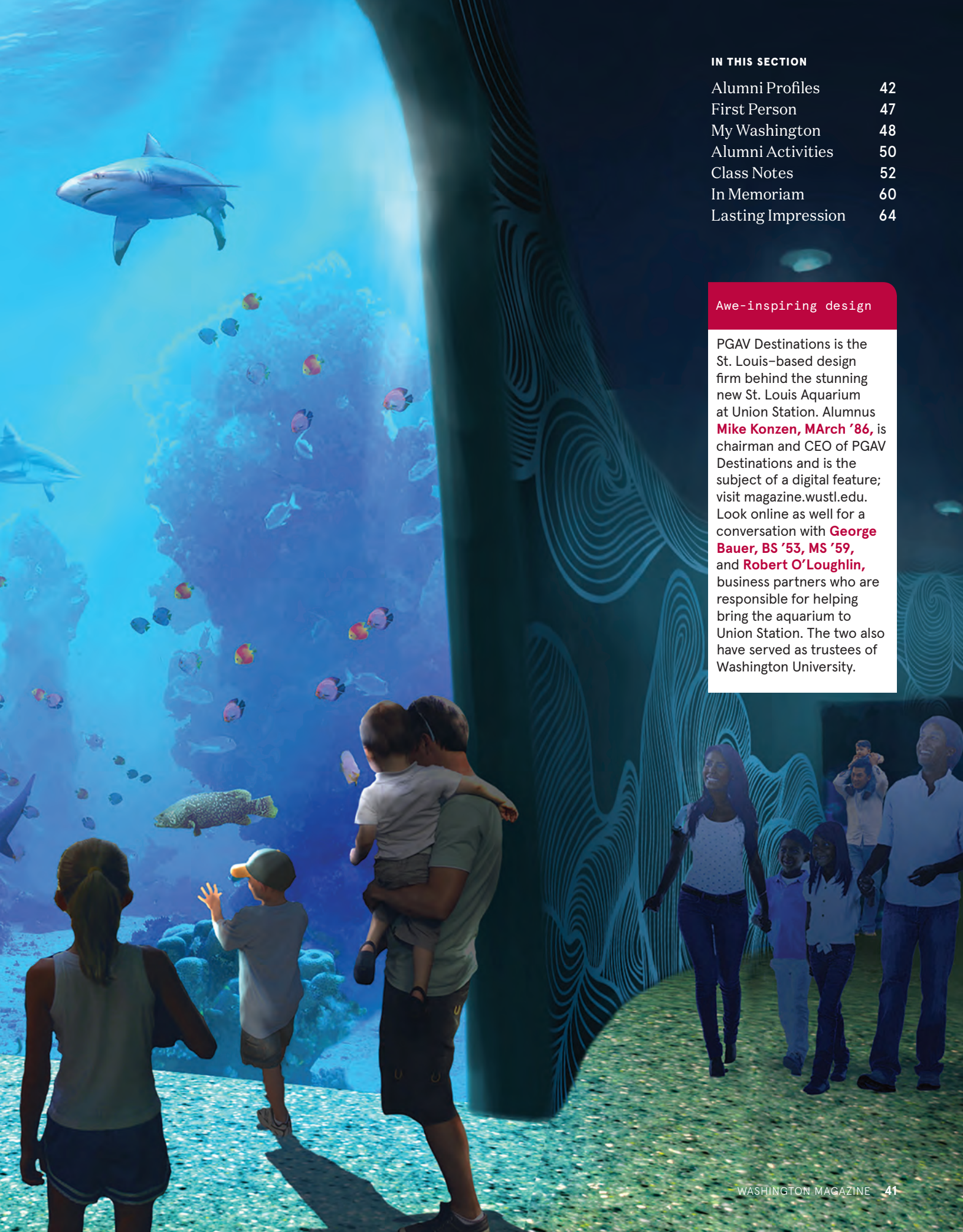
Photo: James Byard

The Parkside Café is on the pavilion's first floor and offers an ever-changing menu of St. Louis fare for regular guests as well as prospective students and their families.

Next



Rendering: Courtesy of PGAV Destinations

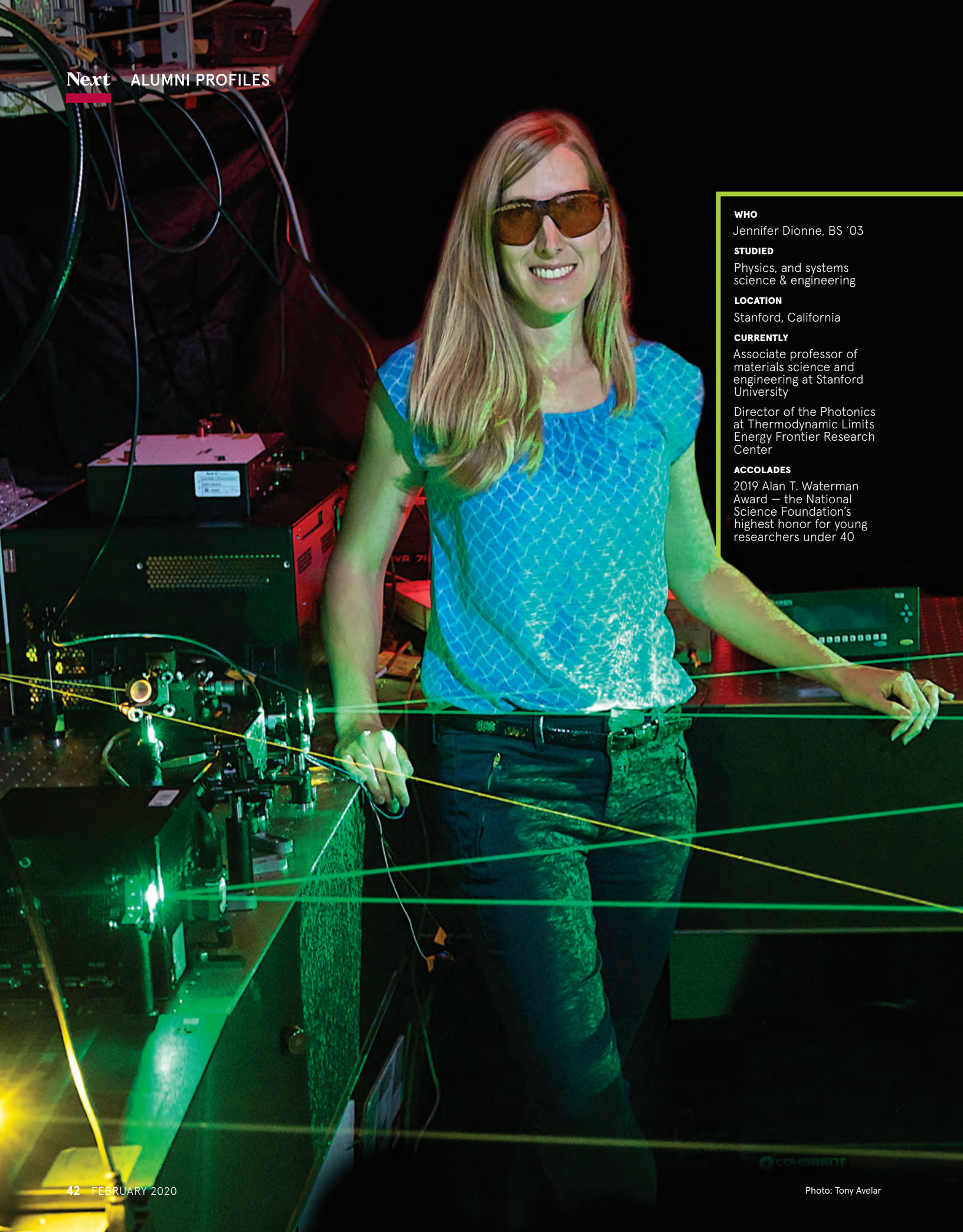


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Awe-inspiring design

PGAV Destinations is the St. Louis-based design firm behind the stunning new St. Louis Aquarium at Union Station. Alumnus **Mike Konzen, March '86**, is chairman and CEO of PGAV Destinations and is the subject of a digital feature; visit magazine.wustl.edu. Look online as well for a conversation with **George Bauer, BS '53, MS '59**, and **Robert O'Loughlin**, business partners who are responsible for helping bring the aquarium to Union Station. The two also have served as trustees of Washington University.



WHO

Jennifer Dionne, BS '03

STUDIED

Physics, and systems science & engineering

LOCATION

Stanford, California

CURRENTLY

Associate professor of materials science and engineering at Stanford University

Director of the Photonics at Thermodynamic Limits Energy Frontier Research Center

ACCOLADES

2019 Alan T. Waterman Award – the National Science Foundation's highest honor for young researchers under 40

Lighting the molecular world

Directly seeing the workings of our world at nano- and molecular scale has largely remained an impossible task, left to theory and working assumptions. WashU alumna **Jennifer Dionne, BS '03**, has found a way around all that. Dionne is among the first scientists to successfully focus and manipulate light beyond the known diffraction limit.

What does all this mean for the future? According to Dionne, it could mean more effective pharmaceuticals and agrochemicals, more efficient photocatalysts for clean energy and even all-optical computing schemes that mimic the way our brain computes, but at the speed of light. Ultimately, Dionne hopes her technologies will help “enable a healthier population and a healthier planet.”

Dionne’s approach helps her view intricacies of molecular structure and molecular binding, which is particularly important for creating safe agrochemicals and pharmaceuticals. Adverse molecular binding in agrochemicals can cause them to leave residues in soil and lead to colony collapse in bees and organ failure in fish, birds and larger animals. In pharmaceuticals, it can give rise to delayed efficacy or deleterious side effects. Dionne uses light to detect and sort molecules with the goal to eliminate adverse molecular binding, achieving greater precision and efficacy in pharmaceutical and agrochemical design.

Dionne is also using these light-based approaches to understand the basis of various diseases. “We’re hoping to understand how the immune system can be more effective in fighting off infection, including bacterial infections and cancer,” Dionne explains. “By visualizing reactions occurring on the nanoscale, like an immune cell fighting a pathogen or the response of a single bacterial cell to an antibiotic, we hope to develop better drugs and immune therapies.” For this work, Dionne recently received the National Institutes of Health Director’s New Innovator Award for exceptionally creative early career scientists.

Dionne also is applying photonic technology toward making more effective photocatalysts and renewable energy generation systems, with the goal of improving air and water quality and producing solar fuels.

This wide-ranging passion for discovery is nothing new for Dionne. Growing up in Rhode Island, she always

sought adventure — whether doing obstacle courses with her neighbors, traveling to Australia as a junior ambassador or honing her early engineering skills at Space Academy. And at Washington University, she found her passion in science and math, and her search for knowledge was quickly taken to the next level.

“If I were to pick one thing that fostered how I am as a scientist, it would be the close-knit community WashU provided,” Dionne says. “It taught me how much you can learn by working as a team.”

The Washington University community impacted Dionne outside the classroom as well. She married **Nhat Vu, BSEE '03**, one of her first-year floormates. Today, the couple has two young sons, ages 3 and 5.

During her sophomore year, she lived in the same dorm as University of Washington psychologist **Kristina Olson, AB '03**, who like Dionne, became one of the few women awarded the National Science Foundation’s Alan T. Waterman Award for scientists under the age of 40. Olson won the prestigious award in 2018 (see article in the September 2019 issue of *Washington*) and Dionne in 2019 — a remarkable back-to-back victory for Washington University women in the sciences.

Dionne’s light-based research will continue exploring the frontiers of molecular and nano-scale science for years to come. She says that even something as fanciful as Harry Potter’s invisibility cloak is certainly in the realm of possibility. It would involve “creating precisely arranged nanostructures that allow light to be steered around an object at every wavelength between 400 and 800 nanometers, the wavelengths corresponding to human vision.” But presently, Dionne’s focus remains the opposite — making the “invisible” visible and improving lives in a big way by observing the smallest possible scale.

■ RYAN RHEA

BIG APPLE CIRCUS

A new venture under the big top

Gregg Walker, AB '94, did not run away to join the circus. He took the less traditional route of Ervin Scholar studying economics at WashU, then Yale Law and a long and fruitful investment and deal-making career that led him to Goldman Sachs, Viacom and Sony.

Walker now finds himself CEO of Big Apple Circus in New York City and president and chief operating officer of Remarkable Entertainment, an immersive live entertainment company whose productions include dinner theatre and two shows created for Virgin's new cruise line.

Big Apple Circus is a one-ring circus that performs October through February in a tent in Damrosch Park in Lincoln Center. Known for its intimacy, none of its 1,600 seats is farther than 50 feet from the action. Today, it's a popular destination for both tourists and New Yorkers. But it was not always so.

In 2016, the then-nonprofit emerged from bankruptcy with a new lease on life as a for-profit venture for its 2017-18 run. At the end of that season, Remarkable Entertainment began consulting and ultimately became owner-operator for 2018-19. In Walker's first six months as CEO, revenues increased by nearly 75 percent.

"I attended circuses growing up, but I attended three-ring circuses, which have a very different feel — large, enormous and loud," Walker says. "I much prefer the show that we create. I think what we provide is more equivalent to a Broadway show.

"It's the fun and excitement and the thrill and the danger, but it's all very intimate, up close and personal."

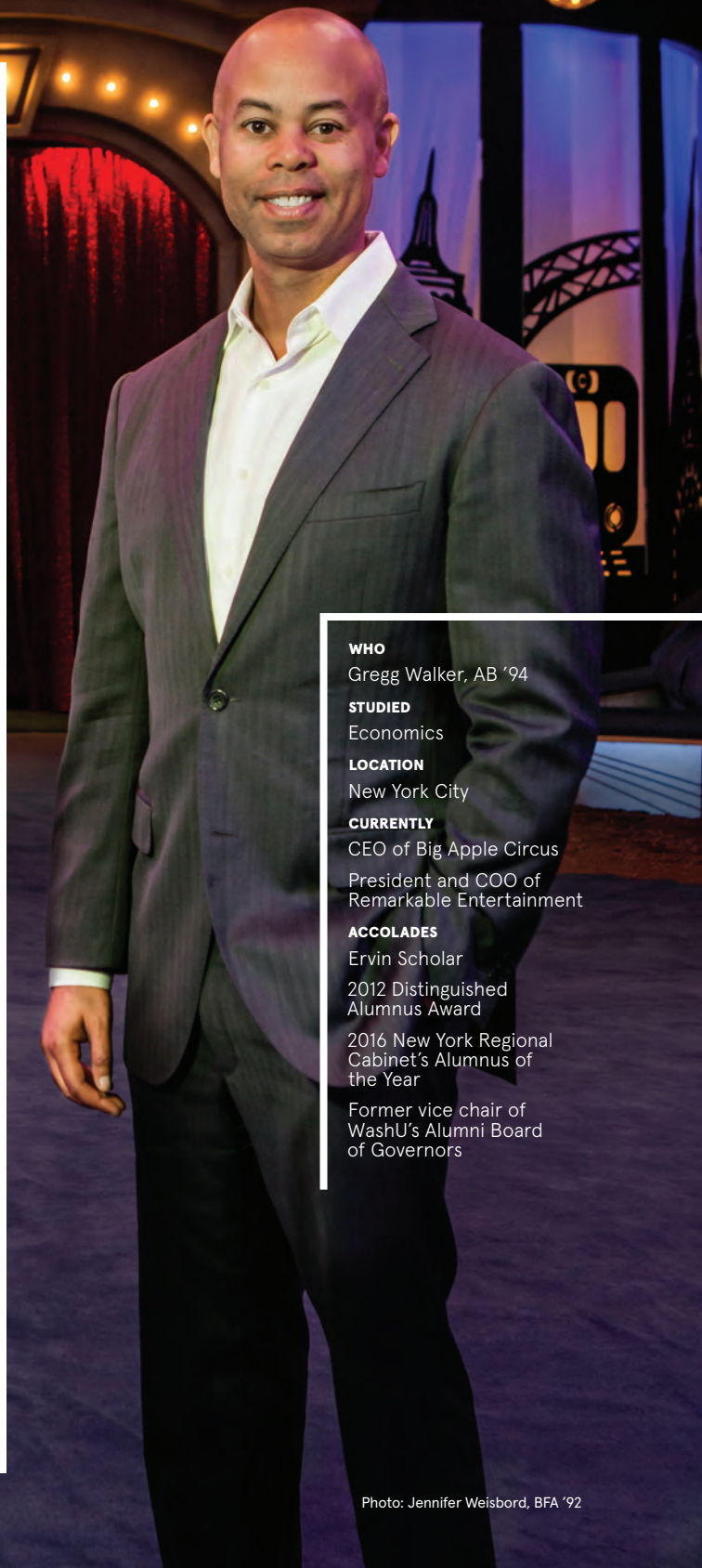
Walker's biggest surprise during his time with the circus has been how much hard work and effective teamwork it takes to pull the whole thing off, and especially the work of the circus performers.

"I've been amazed by the sheer level of unselfish commitment you see from people who work around the circus community," he says. "On a typical weekend, we'll do five shows. During the holiday season, we'll do two shows every day for a week."

Walker says he first learned about that kind of teamwork during his two terms as president of WashU's Student Union, juggling a \$1 million budget and walking the tightrope of student politics.

"I learned quickly in my student government days that to accomplish anything, you need a good group of people," Walker says. "There is no such thing as the best person. There's only putting the right people together and giving them the empowerment and the resources to succeed."

■ STEVE GIVENS



WHO

Gregg Walker, AB '94

STUDIED

Economics

LOCATION

New York City

CURRENTLY

CEO of Big Apple Circus

President and COO of Remarkable Entertainment

ACCOLADES

Ervin Scholar

2012 Distinguished Alumnus Award

2016 New York Regional Cabinet's Alumnus of the Year

Former vice chair of WashU's Alumni Board of Governors



Photo: Yana Hotter

From the front lines of the new opioid crisis

In 2011, **Ben Westhoff, AB '99**, was working as the music editor for *LA Weekly*. The rave scene had exploded and so had ecstasy use. But something was off.

WHO

Ben Westhoff, AB '99

STUDIED

English and American literature

LOCATION

St. Louis

OTHER BOOKS

Dirty South: OutKast, Lil Wayne, Soulja Boy, and the Southern Rappers Who Reinvented Hip-Hop

Original Gangstas: Tupac Shakur, Dr. Dre, Eazy-E, Ice Cube, and the Birth of West Coast Rap

NEXT BOOK

On the murder of Jorell Cleveland, Westhoff's little brother through Big Brothers Big Sisters

"There were these mega raves, and at every one there was at least one death," says Westhoff, a former rave-goer himself. "The deaths were always attributed to ecstasy."

Westhoff had never heard of ecstasy killing people, so he decided to investigate.

His search took him from North Dakota, where the 2015 death of a teenage opioid addict triggered the first large-scale fentanyl investigation, to China, where companies legally sell fentanyl ingredients — called precursors — to drug makers. This and much more is featured in Westhoff's new book, *Fentanyl, Inc.: How Rogue Chemists Are Creating the Deadliest Wave of the Opioid Epidemic*.

"We know the overprescription of pills like OxyContin triggered the first wave of the opioid crisis. Then people turned to heroin when they could no

longer access or afford pills," Westhoff says. "But today, people are using fentanyl, which is cheaper and deadlier than anything we've ever seen before. Tens of thousands of Americans are dying every year as a result."

First developed in legitimate labs to help cancer patients manage pain, fentanyl is exponentially more powerful than morphine. Even a miniscule amount cut into heroin or pain pills can kill, as it did Prince in 2016.

The chemical precursors for fentanyl are almost always produced in China and then often sold to cartels in Mexico. The Chinese government claims it is trying to suppress this trade. But in practice, it supports these pharmaceutical companies through tax breaks and subsidies.

Posing as a buyer, Westhoff infiltrated one of the biggest of these companies, located in central China. Employees there pitched him on an array of illicit ingredients and guaranteed their products, shipped in fake dog-food packaging, would clear customs.

"There was this weird disconnect between what you think of as a totally shady business and the corporate culture I saw," Westhoff says.

In July 2019, Westhoff testified before a congressional commission that the Chinese government is failing to crack down on these companies. And yet if China did act, the industry would just migrate to another country.

So if we can't staunch the supply or curb the demand, what is the solution? Westhoff argues for considering controversial harm-reduction efforts.

For instance, several countries host supervised injection sites where users can take drugs without fear of arrest. Crime has dropped because users no longer have to steal to support their habits. Deaths have declined, too, because users are no longer exposed to fentanyl or dirty needles. But efforts to open such clinics in America have been rejected, even though the data suggest these programs work.

"What we are doing now is not working," Westhoff says. "We must look at common sense measures that work."

■ DIANE TOROIAN KEAGGY



Photo: Alissa Laurie

The business of beauty

Two WashU alums and one current student helped take a cosmetics startup from a dream to a reality.

WHO

Above from left: Julie Gupta, Class of 2022; Tracy Haffner, AB '92, MBA '92; Elizabeth Romaner, BFA '09

MORE ON JULIE GUPTA

Psychology major; Spanish and children's studies minor

MORE ON TRACY HAFFNER

She owes her start to the advice she got from a fellow alum.

MORE ON ELIZABETH ROMANER

One of her favorite WashU classes was 3D design with Arny Nadler.

In May 2014, **Tracy Haffner, AB '92, MBA '92**, was at a job interview to be the COO of the startup Woosh Beauty when she looked up and saw a T-shirt with a WashU logo.

"Did you go to WashU?" Haffner asked **Elizabeth Romaner, BFA '09**, creative director for Woosh and wearer of the shirt. Romaner had actually just been to her five-year Reunion, where she bought the shirt. Haffner still volunteers with WashU; it's where she met her husband and, recently, where her elder twin boys decided to go. A connection quickly formed.

"WashU flies under the radar a bit in the entertainment, fashion and beauty spheres in New York," Romaner says. "So when I meet an alum in the industry, it's extra exciting."

Haffner landed the job with Woosh — due to her business acumen honed at Kraft, Saks Fifth Avenue and Avon — and she and Romaner helped build the company from the ground up.

Romaner had been working as a fashion and beauty editor for a television show in New York City before meeting the founder of Woosh. She loved the concept. "I loved the idea of 'makeup for women who don't know anything about makeup,'" she says.

"My mom wasn't into makeup, and WashU certainly never had a class ... How's a girl to learn?"

Woosh's niche is catering to women who want cosmetics to be straightforward. The company offers an all-in-one kit called the Fold Out Face and a numbered brush set with easy instructions to help customers get a perfect look every time.

In June 2019, Haffner was invited to an Olin Business School summer internship networking event in New York. She mentioned that Woosh was looking for an intern. **Julie Gupta**, an Arts & Sciences Class of 2022 psychology major, heard about it through her sister, who was at the event, and thought the internship might help her figure out what she'd like to pursue as a career.

Gupta, who was with the team for most of last summer, had many great experiences, but she most appreciated working on the Woosh brand anthem video with models, directors and other industry insiders. "It was a once-in-a-lifetime opportunity," she says.

At the shoot, Romaner, Haffner and Gupta got in front of the camera, excited to record the time three WashU Bears helped shape a beauty company.

■ ROSALIND EARLY

Joey Clarke Jr.: Tips on how to be a film writer

■ KELLY WIESE NIEMEYER

Joey Clarke, AB '07, moved to Los Angeles after graduation in hopes of making it as a film writer. He worked a variety of low-level jobs but admits he didn't put the effort he needed into writing. A relationship and a change of scenery helped kick-start his film writing career, and in 2018 he won the Academy Awards' Nicholl Fellowship in Screenwriting for his script *Miles*. Here, he shares some tips about what has worked for him and how writing for film is — and isn't — the same as other types of writing.

► **Write every day.** Right now, I write at the end of the day. I still have a day job and a 2-year-old son, August. Time is limited, so I have to stay disciplined. And you have to be honest with yourself early on; if a scene or an idea isn't working, fix it before you let other people read it. Be OK with not being great every single time you sit down to write. It's OK as long as you're making progress and moving forward.

► **Do your research.** After moving away from LA, I decided the best way to break in was to win a Nicholl award. That's one of the only screenwriting competitions that can help launch a career. So I started studying what kinds of scripts win. Winning stories are usually heartfelt, are character-driven and often relate to a current issue. (In *Miles*, the plot revolves around two kids dealing with the effects of their parents' opioid addictions.) It still takes luck and getting the right readers along the way.

► **Take writing classes** (screen and fiction), and draw from your own experiences. Find beauty in small things. If you're coming from a place of emotional truth, stuff you can relate to, you can transfer that into any type of story. I could write about outer space if I can find an emotional arc. And even with scripts, you need to set the scene, and the words on the page matter. People review 100 scripts a week. Yours has to be an entertaining read first and foremost before it becomes a movie.

► **See a lot of movies.** See old movies and figure out what they're saying, the symbolism. It's helpful when talking to people in Hollywood to show that you know the history. See current movies. Knowing what's going on is important when you talk to producers. Know what ideas are working these days. Seeing great movies is also a good reminder of why you're trying to do this in the first place.

► **Listen to, read and follow people who are successful at what you want to do.** Be as educated as possible. Read scripts, read interviews with successful screenwriters. Listening to successful people is what works for me. People I pay attention to include John August, Michael Arndt and Scott Myers.

WHO

Joey Clarke Jr., AB '07

STUDIED

Film & media studies

LOCATION

St. Louis

FAVORITE MOVIE

Eternal Sunshine of the Spotless Mind

ACCOLADES

Winner of the Academy Awards' Nicholl Fellowship in Screenwriting for his script *Miles*

FAVORITE FILMMAKERS

Coen brothers



WHAT'S NEXT?

I've rewritten *Miles* five or six times. It's still in development, but it's coming along. Thanks to the Nicholl, I signed with a manager and found producers interested in making the film. I have meetings with potential financiers and directors.

If you get into this work with the goal simply to make money, you're in the wrong business. The goal is to sit in a theater one day and watch something I've written. There are a lot easier ways to make money.



WHO

Carolyn "Beanie" Reuter Spangler, AB '94, and Drew Spangler, AB '93, BS '93

STUDIED

Beanie: biology and anthropology

Drew: history and systems science & engineering

LOCATION

Wellesley, Massachusetts

WASHU VOLUNTEERS

Regional cabinet officers

Supporters of athletics, scholarships and the College Prep Program





Beanie & Drew Spangler

Swimming for WashU brought them together. Today, a passion for providing access to learning keeps them on the university's team.

In the fall of 1990, **Drew Spangler, AB '93, BS '93,** and **Carolyn "Beanie" Reuter, AB '94,** met during a scavenger hunt for WashU varsity swimmers. Drew was a junior, and Beanie was a first-year student. The team-building activity spurred an argument between them: While returning to campus from the Delmar Loop, the two had a heated discussion about the next task. Beanie later said to her roommate, "Can you believe him? Who does he think he is?"

She would get an answer soon enough. As the men's and women's swim teams trained and socialized together in the months following the scavenger hunt, Drew and Beanie engaged in more friendly conversations. They started dating in the spring and became more serious the next academic year.

Almost three decades later, the relationship that started off on the wrong foot has turned into a marriage of 20 years and counting. During this time, Drew has built a successful career in the investment management industry. He currently serves as vice president of North America for Osmosis Investment Management, a firm based in London. Beanie, who earned a master's degree and teaching certificate from Harvard University, teaches honors biology at the public high school in Wellesley, Massachusetts, where they live with their three daughters.

Grateful for the way the university brought them together and prepared them for the future, the Spanglers show their appreciation through volunteer service. In 2019, they became vice chairs of the Boston Regional Cabinet. Their alumni leadership is the result of increasing involvement over the last 15 years, during which they attended WashU Reunions and other events, connected with the university community in the Boston area, and rallied support for *Leading Together: The Campaign for Washington University*.

"Drew and Beanie share a genuine passion for our alma mater and the critical work our faculty and students are pursuing to enhance lives around the globe," says Steven Segal, BSBA '82, a former university trustee and current chair of the Boston Regional Cabinet. "They are exemplary advocates for Washington University, including supporting scholarships and enthusiastically introducing faculty to our community. We're so lucky to have them as cabinet officers."

Regional cabinet members like the Spanglers help lead WashU's engagement and fundraising efforts

in cities across the country. Through a variety of activities, such as salons, meetings and networking opportunities, they strengthen connections to the university among alumni, parents and friends.

Last year, for instance, the Spanglers helped organize the Boston Regional Cabinet's annual dinner, which featured international biodiversity expert Jonathan Losos, the William H. Danforth Distinguished University Professor in the Department of Biology in Arts & Sciences. At the event, Beanie, who studied biology as an undergraduate, warmly presented Losos as one of her favorite professors. She brought to the podium a notebook and term paper she kept from one of his courses, which has had a lasting impact on her.

"Our roles on the cabinet do not feel like work," Beanie explains. "We enjoy serving together, and the people on the cabinet are terrific. It has been great to meet them and share our enthusiasm for the university."

The Spanglers give back to their alma mater in other ways. The couple has supported the swimming program for many years. Generous scholarship donors, they recently began contributing to the College Prep Program, an initiative that prepares high-achieving, low-income high school students from St. Louis for college.

"Unfortunately, for some kids, college isn't even on their radar, whether for financial reasons or because it was never a part of their parents' lives," Drew says. "WashU is playing a role in breaking down barriers and introducing promising students to what higher education means and why and how it can be a part of their futures."

Participants in the three-year College Prep Program spend time on campus, take courses for credit, learn about the college application process, and connect with others on a similar path. All of the more than 100 students who have graduated from the program since its inception in 2014 have been admitted into colleges. For the Spanglers, the program is a source of pride in their alma mater.

"We started giving to WashU in order to support swimming, which was how we met and was so grounding for us as students," Beanie says. "As we became more engaged as alumni, we learned about all the university is doing to increase access to higher education through the College Prep Program and other efforts. We are thrilled to be a part of it."

■ TRICIA HENDRICKS

Young alumni take the lead

Many cities around the globe boast robust young alumni populations whose members are collaborating with Washington University staff to organize activities tailored to alumni interests.

After Commencement festivities draw to a close, new graduates may ask themselves how they could possibly say goodbye to Washington University after four years' worth of memories, achievements and learning experiences. But that is a trick question. As the word "commencement" suggests, graduation marks not an end but rather the beginning of a new relationship with the university. No longer students, these freshly minted graduates now join a proud, diverse and engaged community of WashU alumni.

The Washington University Alumni Association oversees a dynamic nexus of regional, industry, shared interest and cultural networks that encourage alumni of all ages to stay connected with the university, wherever life may lead them. With happy hour meet-ups in Houston, San Francisco and Seattle — and a gala in New York — summer 2019 was a particularly busy season for young alumni ages 22–35.

THE GATEWAY TO THE WEST MEETS THE GOLDEN GATE CITY

When **Will Stein, AB '14**, moved to San Francisco after graduation, he was eager to keep in contact with friends and classmates in the area. He connected with the city's alumni chair, who knew about his knack for event-planning from their days as fraternity brothers, and Stein soon became young alumni chair for the WashU San Francisco Bay Area Network.

During his three-year tenure, and before moving to New York, Stein led a team that launched a boat cruise; hosted a gala at the Contemporary Jewish Museum; and organized wine tastings, brewery tours and happy hours. The volunteer work and events offered him opportunities to explore his adopted city with friends, while also crossing paths with fellow alumni whom he may never have met — including several coworkers from Google!

WASHINGTON UNIVERSITY NOSTALGIA HITS GOTHAM

After earning her degree, **Allison Swimmer, AB '17**, landed in New York like many young WashU grads. However, she was surprised to find fewer young alumni events on the calendar than in places like Chicago, where her brother, also a recent alum, had settled. Several years ago, the New York network hosted a popular young alumni gala with a "Meet Me in St. Louis" theme, but venue issues forced the cancellation of a second edition. Looking to boost young alumni offerings in the city, Swimmer reached out to a member of the network, who suggested she help organize the gala's relaunch.

On Sept. 6, alumni from classes 2011 through 2019 gathered at Capitale in the Bowery for the 2019 gala. Speaking before the event, Swimmer said she hoped the party would "bring people back to their college days." Attendees enjoyed a live DJ and WashU-inspired hors d'oeuvres that included the fried culinary pride of St. Louis: toasted ravioli. In a clever nod to W.I.L.D., inflatable couches were set up throughout the grand event space for attendees seeking respite from the dance floor.

Swimmer, who is now the New York young alumni chair, hopes the gala will become a marquee event for the network. She also anticipates working with the New York alumni committee on expanding and diversifying the area's young alumni programming to incorporate professional networking events as well as less formal happy hours and social outings.

MIXING AND MINGLING, WITH A PURPOSE

Jay Vaidya, BS '18, aims to establish a healthy mix of casual and career-focused events for young WashU grads living in Seattle, where he is now the young alumni chair. In a city dominated by the tech industry, Vaidya is especially keen to draw together young alumni from across industries and pursuits. "So many young alumni are doing interesting things outside of their work and in the real world, and I'd really like to spotlight that," he says.

For many young alumni, like Vaidya, Swimmer and Stein, assuming leadership roles and participating in local alumni networks are a means of giving back to their beloved alma mater. "WashU provided me with so many great resources," Swimmer shares. "I want to continue to benefit from these outlets, while also helping others stay connected."

■ BY EMMA DENT, AB '09

Pictured upper right (from left): Alexa Greenberg, AB '18; Danielle Carley, BSBA '18; Allison Swimmer, AB '17; Sara Bernstein, BSBA '18; and other attendees enjoy the New York Young Alumni Gala at Capitale in the Bowery, Sept. 6, 2019.





Photos: Jennifer Weisbord, BFA '92



Where in the world is WashU?

What packs well, sails through airport security and always fits in the overhead bin? Your WashU pride, of course! One hundred alumni participated in the 2019 "Going Places with WashU" photo contest. This year's winning snapshot comes from **Kelly Oeltjenbruns, JD '18**, who outfitted the university's namesake in a law school shirt while visiting Mount Rushmore National Memorial in South Dakota.

For more information about alumni programming, visit alumni.wustl.edu.

Class Notes

“ [One memory I have] is connected to the opening of Olin Library. We students formed a line from Brookings to Olin and passed all the books along, transferring them from one building to the other. I suppose that today something like that might be done by drones :), but involving the students was much more fun and connected us to the new library just like that. The fact that it’s a beautiful building — and substituted, at least in part, for the student union we did not have and for which we were clamoring — also helped us accept the huge new building that covered so much of the grass we loved.”

MARIANNE HEINICKE GUPTA, AB '63

Photo: Olin Library, 1965

What's New?

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.



SEND NEWS:

Class Notes, *Washington Magazine*
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EMAIL:

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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 (Residency)
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

Photos: Courtesy Washington University Archives

1954

Byron Roe, LA54, was active in a physics experiment that the American Physical Society ranked as one of the 10 most interesting physics results the society published in 2018. Roe, who is emeritus professor of physics at the University of Michigan, is proud that his stepgrandson, Tom Nguyen, is a first-year student at WashU.

1958

Jerry Beguelin, LA58, MD62, was board certified in family practice and then in emergency medicine. For a short time, Beguelin was an attending in the ER, but his heart was in family medicine. He's practiced in the small town of Irvington, Ill., where he lives, for more than 50 years. In 2014, the Illinois Rural Health Association named him Physician of the Year.

Gay Riseborough, FA58, was honored by the city of Evanston, Ill., with a street in her name for spearheading a fundraising effort to create a neighborhood park for young children. Riseborough retired from her active art practice to help with her grandchildren, but she remains on the Evanston Arts Council.

George Wolff, LA58, GA59, published an article in *Free Inquiry*, "Add This to Reason!," on the American poet Wallace Stevens (December 2018/2019).

1959

Henry Eagles, EN59, retired as an attorney in the federal litigation health practice field.

1963

Susan Alexander, LA63, writes a blog, "Susan Just Writes," featuring her commentary on politics, travel, film, art and more. Many of her posts refer to people and places at WashU. In her third novel, *Red Diana*, a riveting thriller set in San Francisco, an 8-year-old is abducted on Market Street. She's returned unharmed the next day, but a threatening note is pinned to her T-shirt. Her mother must find out who grabbed her daughter — and why. The novel explores the very human desire for revenge and the burden of guilt, as well as the intense love between parent and child, universal themes everyone can relate to.

Patricia (Gregory) Ceresoli, OT63, writes that she was thrilled to speak with staff and students in WashU's occupational therapy program during a recent visit. She is proud to be a graduate of the OT program ranked No. 1 in the country.

1966

Richard Goldenhersh, LA66, LW69, joined the mediation and senior arbitrator panels of United States Arbitration & Mediation,

the leading provider of mediation and arbitration services in the St. Louis metropolitan area. Judge Goldenhersh was a justice with the Illinois Fifth District Appellate Court for 30 years, as well as a circuit court judge and associate circuit court judge in St. Clair County, Ill.

Walter E. Massey, GR66, GR66, GR90, received the 2019 National Science Board's Vannevar Bush Award, which recognizes science and technology leaders who have made substantial contributions to the welfare of the nation through public service in science, technology and public policy. Massey held executive leadership roles at Brown University, the University of Chicago, Argonne National Laboratory, the University of California, Morehouse College, the National Science Foundation and a host of influential boards and commissions.

1967

Chuck Ortner, LA67, received the President's Merit Award from the National Academy of Recording Arts and Sciences for his dedicated service and counsel to the music industry. A partner at the Proskauer Rose law firm, Ortner has represented recording artists, songwriters and producers.

Pepper Schwartz, LA67, GR69, was recently honored by the Program in Human Sexuality at the University of Minnesota, which created the Pepper Schwartz Endowed Professorship in Sexuality and Aging. Schwartz continues to teach in the sociology department at the University of Washington and to serve as an on-air expert on Lifetime television's *Married at First Sight*, which is in its 10th season and airs in 29 countries. She has written or co-authored 25 books, including the groundbreaking *American Couples: Money, Work, Sex* (Morrow, 1983).

James C. Schwartzman, LA67, a partner and chair of the ethics and professional responsibility group at Stevens & Lee, received the Villanova Law Alumni Association Award for Public Service in April 2019.

1968

Janet Searcy Joyce, LA68, made Life Master last year after a quarter century away from the bridge table. She played away her undergraduate career in the Bear's Den.

William Siedhoff, UC68, SW73, was tapped by WashU's College of Arts & Sciences in April 2019 for its Distinguished Alumni Award. WashU's Brown School had already recognized him in 2006 with its Distinguished Alumni Award.

1969

Elinda (Fishman) Kiss, LA69, was honored with the 2019 Allen J. Krowe Award for Teaching Excellence by the University of Maryland's Robert H. Smith School of



“ In the spring semester of 1975, Professor William Gass opened a course called ‘Modern Aesthetics’ (Phil 438) by stating ‘Fashionable taste is always wrong,’ and [he] clarified that he was including ‘intellectually fashionable taste’ in the indictment. Then he paused to give the class an opportunity to refute it. Silence ensued; there weren’t any takers.”

ROBERT G. SIMON, AB '76 (history)

Photo: William Gass, 1963

Business. A professor in the university’s finance department since 2003, Kiss is a three-time winner of the teaching award.

Mark Magenheim, LA69, and his wife, Adriana, continue to work part time, preferring to spend their time grandparenting and visiting family and friends around the globe. The couple has traveled to 90 countries and lived in several, including in Colombia where they have relatives. Magenheim credits his educational and character-building years at WashU with shaping his career in public service.

1971

Joe Madison, LA71, LW19, was ranked sixth by *Talkers Magazine* on its 2019 list of 100 Most Important Radio Talk Show Hosts in America. His radio program, “The Joe Madison Show,” airs nationally weekday mornings on SiriusXM’s Urban View channel 126.

1973

H. James Cantwell, LA73, and his wife, Paula, reside in Glenview, Ill., and have five children and nine grandchildren. Two of their daughters hold leadership positions with the Illinois Women’s Bar Association: Corinne Cantwell Heggie is the association’s 105th president, and Kilby Cantwell Macfadden is a director.

Charles A. Newman, LW73, retired from Dentons US LLP; was elected chair of the Montecito, Calif., Planning Commission; and serves as a director and secretary of the Community Environmental Council in Santa Barbara.

Donald Sloane, LA73, SW77, penned *Six Pathways to Happiness: Mindfulness and Psychology in Chinese Buddhism, Volume I* (Outskirts Press, 2019) under his Chinese name, Xiankuan. The book, which relates how Buddhist principles can be integrated into daily life, includes personal anecdotes and stories about the late Ho Kuang-chung, a former Washington University professor of Asian studies. Sloane donates all profits from his book to the Mid-America Buddhist Association Monastery.

1974

Mark Meister, LA74, is the executive director of the Museum of Russian Art in Minneapolis. The museum explores the art and culture of Muscovite Russia, the Russian Empire, the Soviet Union and its former republics, and post-Soviet Russia.

Branch Morgan III, LA74, performed his new self-choreographed “Why Can’t You See Me?” to the song “Send in the Clowns” at the 11th annual Ageless Grace concert in Baltimore last year. Morgan also gave a lecture at the city’s Oliver Senior Center that highlighted dances from Europe, Africa, South America, the Caribbean and Mexico that have influenced American cultures.

1976

Joseph Cassis, GB76, fulfilled a 33-year promise to his daughter, Mallory, when he wrote and illustrated his first children's book, *Squire with Fire: A Happy Dragon Tale* (FriesenPress, 2018). The book, which celebrates the birth of his first granddaughter, Isla, earned a Mom's Choice Award® Gold Medal and a Family Choice Award.

Robert J. Felekey, EN76, SI84, was awarded the 2019 Frank McCourt Prize for Excellence in Teaching by ASAP (After School Arts Program!) and received special recognition from U.S. Rep. Jahana Hayes. Felekey has taught physics and chemistry at King Philip Middle School in West Hartford, Conn., for 14 years.

Brad Holtz, LA76, is co-founder and chief nexus officer of Pattern Computer, Inc., in Friday Harbor, Wash. The company – which finds novel patterns in complex data that can't be discovered using conventional methods, even on exascale computers – is making discoveries in oncology and aerospace.

Harold Jesser, LA76, who retired after 35 years of anesthesiology practice in suburban Chicago, plans to travel the country and visit with WashU classmates.

Michael J. Keating, LA76, received the *St. Louis Business Journal's* 2019 Corporate Counsel Award–Litigation Leader and was featured in an article (July 26, 2019) noting that he “has helped transform legal strategy over more than three decades at Emerson Electric Co., saving the company millions of dollars.”

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

1977

Timothy Luke, GR77, GR81, a University Distinguished Professor at Virginia Tech, assumed the chairmanship of the Department of Political Science for the fourth time since joining the faculty in 1981. The author of eight books, Luke has won many honors and awards.

1978

Tamar Abrams, LA78, is preparing to retire from the United Nations Foundation and is busy planning the wedding of her daughter, Hannah, to Welshman Michael Glover. Abrams looks forward to having time to devote to volunteering, consulting work, caring for her parents and actually reading the assigned books for her book club discussions.

Bonnie-Belle Chun, LA78, retired after 36 years of public management service with the County of Los Angeles and moved to Honolulu.

David Edelman, LA78, is a full professor at Shenandoah University, Winchester, Va., where he is director of Shenandoah Conservatory's Performing Arts Leadership and Management Program. The founder and co-editor of the *American Journal of Arts Management*, Edelman also serves on the executive board of the research association Social Theory, Politics and the Arts.

William Krause, GB78, is a principal at Financial Management Associates, Rochester, N.Y., which offers CFO and controllership services. He recently earned the designation Certified in Strategy and Competitive Analysis from the Institute of Management Accountants. Krause shares proudly that he completed the Lake Placid Ironman Triathlon in 14 hours 18 minutes in July 2019.

1979

David Dobkin, LA79, heads a large pediatric practice in Arlington Heights, Ill., and is an assistant professor of pediatrics at the Northwestern University Feinberg School of Medicine. Dobkin recently completed a two-year stint as president of the Ann & Robert H. Lurie Children's Hospital of Chicago. He and his wife reside in suburban Chicago and are the proud parents of four children, including **Hallie Dobkin Geller**, LA14.

1980

Christopher Lehmann, LW80, completed his fifth year as executive director of the CEELI Institute. Headquartered at the historic Villa Grébovka in Prague, the institute is an independent nonprofit dedicated to the development and training of an international network of legal and judicial professionals committed to advancing the rule of law.

1981

Madryn Sallil (Jackson) Odom, BU81, earned a doctorate in educational leadership from Northcentral University.

1982

Helen (Rand) Ermel, LA82, GR86, and **Cheryl (Boettcher) Tarsala**, LA82, attended the installation of **Mother Hildegard (Florence) Dubnick**, OSB, LA82, as abbess of the Abtei St. Walburg in Eichstätt, Germany. The three alumnae became friends during their junior year abroad in Tübingen, Germany, 39 years ago.

1983

Jeanette Meyer, LA83, of Meyer and Associates at RE/MAX Alliance, Fort Collins, Colo., received the Quality Service Certified® Platinum award, the real-estate industry's highest level of service achievement, for the seventh year running in 2018. The award recognizes that Meyer earned 100 percent client service

satisfaction, as independently measured and validated by Leading Research Corporation.

Janalee Tomaseski-Heinemann, SW83, published *Remember Me: A Memoir of Children and Teens Combating Cancer* (Adam's Angels Publishing, LLC, 2019). The book fulfills a promise that Tomaseski-Heinemann made to herself and her patients that she would tell the stories of their cancer treatment and their final days.

1984

Leonard Chanin, LW84, was recently appointed deputy to the chairman of the Federal Deposit Insurance Corporation in Washington, D.C.

1985

Sanford J. Boxerman, BU85, a Capes, Sokol, Goodman & Sarachan, P.C., shareholder, received Missouri Lawyers Media's Top Legal Innovation–Emerging Practice Area award for leading the firm's Digital Currency and Blockchain Technology practice group, one of the first in St. Louis to focus on this area of the law.

Janice Mac Avoy, LA85, received the 2018 Zero Tolerance Award from Sanctuary for Families in recognition of her lifelong commitment to the protection and empowerment of women. She was also inducted into the Real Estate Forum's Women of Influence Hall of Fame and included in the *Crain's New York Business* list of Notable Women in Law for her professional, civic and philanthropic activities and accomplishments.

Glen Melin, LA85, was promoted to vice president for senior living at CRISTA Ministries in Seattle.

1986

Alexander “Alex” S. Douglas II, LA86, a partner with ShuffieldLowman, was selected as a 2019 Florida Super Lawyer by *Super Lawyers* and named as a 2019 Legal Elite attorney by *Florida Trend* magazine.

1987

Nancy “Cassie” Catherine Buell, LA87, moved Cassie's Fragrance Boutique & Scent Bar from 316 N. Euclid in St. Louis to 8837 Ladue Rd. in the Ladue Colonial Marketplace.

David W. Fermino, LW87, was tapped by the California Association of Black Lawyers for its 2019 Loren D. Miller Lawyer of the Year Award.

Debbie (Budish) Scheiner, LA87, earned a master's degree in strategic leadership from Rosemont College in September 2018 and received outstanding achievement honors at the graduate level. Scheiner, who is the

advancement coordinator at Swarthmore College, lives in the Philadelphia area with her husband, **Gary Scheiner**, LA88, and their four children.

Nancy (Horowitz) Yates, LA87, returned to New York City after five years in Asia. She is a creative director with FCB Health, working primarily on health and wellness brands. Yates and her husband, Jeff, have a 12-year-old daughter and live in Manhattan.

1991

Marilyn Blume, LA91, continues to sell residential real estate in New York City and loves it. Now that she and her husband are empty nesters, she plans to get more involved in WashU events. Her daughters are currently attending the University of Chicago and NYU.

Stefanie Kane, BU91, was appointed to The Music Center board of directors. The board provides guidance and support to the performing arts organization that features four theaters, an outdoor plaza and Grand Park in the County of Los Angeles. Kane is the southwest market managing partner for PwC.

Karyn (Weinberg) Polak, LA91, LA91, is senior vice president and general counsel of Transamerica in Baltimore. She previously was deputy general counsel at PNC Bank, Philadelphia, and earlier was chief counsel for the Citi interest in the Morgan Stanley-Smith Barney joint venture.

Thomas Seigel, LA91, is pleased to share that his debut novel, *The Astronaut's Son: A Novel* (Woodhall Press, 2018), was a bronze medal winner in the Foreword Reviews 2018 INDIES Book of the Year Awards in the thriller and suspense category. *Publishers Weekly* wrote that "Seigel's solid debut provides an intriguing and plausible variant on moon landing conspiracy theories ..."

1992

Rob Schwitz, BU92, GB93, has sold residential property in St. Louis for 25 years.

Jeffrey Tomaneng, BU92, is director of financial planning for Sapers & Wallack in Newton, Mass., and president of the Financial Planning Association of Massachusetts.

1993

Whitney M. Ferrer, LA93, LA93, was appointed as office managing shareholder of Littler Mendelson's Atlanta office. Ferrer's practice focuses on advising employers regarding compliance with federal and state wage and hour laws.

Andrew Last, LW93, completed his residency training in family practice and moved with his wife, Ronda, and their three young children to Wisconsin to work as a physician at the Mayo Clinic. Previously, Last worked as a

district attorney, then started a criminal defense practice before taking a sabbatical to return to medical school.

Laurie Moret, LA93, a consulting psychologist working as a leadership and organizational development consultant and coach in national security, co-authored *Consulting Psychology in National Security Organizations* (American Psychological Association, 2019).

Julie (Frank) Renehan, LW93, won a seat on the DuPage County Board, the first Democrat ever elected from District 3 in the southeastern portion of the county. With over 930,000 residents, DuPage is the second-largest county in Illinois.

Evan Turtz, LW93, was named senior vice president and general counsel at Ingersoll Rand, where he is responsible for strategic leadership and oversight of the firm's legal and compliance affairs worldwide. Turtz joined Ingersoll Rand in 2004.

1994

Michelle Arroyo, LA94, relocated with her family to Westwood, Mass., to launch a government enforcement and white-collar practice at the Boston office of Arent Fox LLP. She continues to practice in New York as well.

Jaejoon Lee, LA94, MD98, is associate professor of medicine and director of the International Healthcare Center at Sungkyunkwan University School of Medicine's Samsung Medical Center in South Korea.

Meenakshi Wadhwa, GR94, recently assumed the directorship of Arizona State University's School of Earth and Space Exploration. Wadhwa joined ASU in 2006 as the director of the Center for Meteorite Studies and a professor in the School of Earth and Space Exploration.

Gregg Walker, LA94, is the CEO of Big Apple Circus, known for creating intimacy between the performers and their audience. Walker began his career at Goldman Sachs and later led corporate development teams at Viacom and Sony. (See pg. 44 for a profile on Walker.)

1995

Christopher Bitting, GB95, moved from Chicago to San Francisco to take a position with Troon Pacific in business development, capital formation, strategic partnerships and investor relations.

Tricia (Bennett) Brand, LA95, LA95, was named chief diversity officer at Portland Community College. Previously, Brand, who has been with the college since 2014, served briefly as the interim dean of students.

Linda Che, LA95, is a radiologist at VA Northern California Healthcare System.

Brian Doheny, HA95, was elected to a three-year term on the board of governors of the American College of Healthcare Executives. Doheny is an associate vice president-strategy advancement at Humana, Inc., in Louisville, Ky.

1996

Lisa Kim Bartin, AR96, GR99, whose husband is **John Bartin**, GA98, is a project manager at Weber Thompson.

Daniel Messeloff, LA96, an attorney with Tucker Ellis LLP, was selected for inclusion in *The Best Lawyers in America* in the employment law area.

Giselle Santibanez-Bania, LA96, was recently appointed assistant dean of student services at Loyola University Chicago School of Law. A 1999 graduate of its law school, she joined Loyola as associate director for student services in 2009.

Sandy Speicher, FA96, was promoted to CEO of IDEO, Palo Alto, Calif., after working at the global design company for 14 years. The company's first female CEO, Speicher is passionate about applying design thinking to education. She also is a board member of the nonprofit Khan Academy, whose mission is to provide a free, world-class education for anyone, anywhere.

Amanda Wilson, LA96, LA96, launched an orthodontic startup, StraightSmile Solutions, after serving as dental director of SmileDirectClub. Wilson lives with her family in Hawaii and volunteers as a stroke-and-turn and chief judge official for USA Swimming and leads a Junior Girl Scout troop.

1997

Nathan Lepp, LA97, is clinical associate professor in pediatrics, in the Division of Neonatology, at the University of Wisconsin School of Medicine and Public Health.

1998

Rafique Sheikh, EN98, works in a contractor capacity as the principal software engineer at Dell. He relocated to Austin, Texas, from Orange County, Calif., and writes that he enjoys his new city.

1999

Lisa Brown, LA99, and her wife, Rebecca, are pleased to announce the recent addition of a baby girl, Zoe, to their family. Brown earned a master's degree in journalism from the University of Missouri-Columbia in December 2018.

Matthew Lakenbach, LA99, is the managing director of Heir Cash Now, headquartered in West Hartford, Conn., which provides immediate cash advances to heirs awaiting an inheritance that is held up in probate.

“The year was 1959, and the *St. Louis Post-Dispatch* newspaper sponsored a painting event for the second-year painting students in Bixby Hall. A recording of classical music played in the studio, and the students were asked to create a painting based on the music they heard. At the end of the hour, the newspaper’s photographers photographed the paintings that were then featured in the paper’s art section. A few students were interviewed and asked what their thoughts were as they painted to the music, and the interviews were published as well. This event along with many others for art students made my years at Washington University memorable.”

EUGENE MARKOWSKI, BFA '60

Photo: Bixby Hall, 1975

Lisa (Novom) Maddox, LA99, founded Narratio Vitae after working in intelligence for the federal government for 15 years. Rather than offering only names and dates – like most ancestry and genealogy website services – Narratio Vitae uncovers and tells stories of the ancestors and family lineage.

Sarah McGaughey, GR99, GR05, an associate professor of German at Dickinson College, co-edited *A Companion to the Works of Hermann Broch* (Camden House, 2019), the first comprehensive introduction in English to Broch’s political, cultural, aesthetic and philosophical writing. McGaughey is a scholar of modernist studies, in particular of German-speaking Central Europe and of the interwar period.

Stephanie (Ellis) Schlaifer, LA99, FA99, communications director at WashU’s Sam Fox School of Design & Visual Arts, penned her debut children’s book: *The Cloud Lasso* (Penny Candy Books, 2019). Schlaifer’s collection of poems, *Cleavemark*, was published in 2016, and her poems and installation art have appeared in numerous publications and on “PoetryNow,” a podcast of the Poetry Foundation.

2000

Osama Alobaidy, GL00, is professor of law at the Institute of Public Administration, Riyadh, Saudi Arabia, and an adviser at the Saudi Royal Court.

Matthew Bender, LA00, GR00, who was promoted to professor of history at The College of New Jersey, published *Water Brings No Harm: Management Knowledge and the Struggle for the Waters of Kilimanjaro* (Ohio University Press, 2019). The first history of community water management in Eastern Africa, the book proposes a new model for approaching sustainable water development worldwide in view of the current global water crisis.

Brielle Killip, FA00, designed a dress, “Flower of Life,” which took second place in a field of 48 entries at the 2019 Paper Fashion Show. The annual Denver event supports Downtown Aurora Visual Arts, a local community nonprofit that provides after-school arts programs for urban youth.

2002

Emily (Fredrix) Goodman, LA02, was recently promoted to vice president–media impact at Prudential Financial in Newark, N.J. She leverages her years of media experience as a reporter and editor at The Associated Press and Bloomberg to provide insights to the company. Goodman and her husband, Daniel, a St. Louis native and proud Cardinals fan, and their son, Reuben, live in South Orange, N.J.

Alfreda Holloway-Beth, LA02, is the new director of epidemiology at the Cook County Department of Public Health.

Carl Toborowsky, LA02, is a cardiology resident at the University of Georgia College of Veterinary Medicine.

2003

Kevin Frank, LW03, and his wife, Rebecca, welcomed a daughter, Eleanor, in April 2019.

Kent Shaw, GR03, won the Juniper Prize for Poetry for his book, *Too Numerous* (University of Massachusetts Press, 2019). Shaw is assistant professor of English at Wheaton College (Mass.) and the author of *Calenture*, the winner of the 2007 *Tampa Review* Prize. Shaw lives in Pawtucket, R.I., with his wife and their daughter.

Teresa (Wildman) Wilke, PMBA03, co-authored the chapter, “Partnering with Transportation Sector Actors and Advocates to Improve Health Outcomes,” in *The Practical Playbook II: Building Multisector Partnerships That Work*, 2nd edition (Oxford University Press, 2019).

2004

Laura L. Cochrane, GR04, GR07, wrote *Adventure as Education: John W. Bennett and Anthropology in the Early Twentieth Century* (Carolina Academic Press, 2019). For the book, Cochrane interviewed Bennett, whose career spanned the fields of archaeology, sociology and East Asian studies. He also won a David Plath

Media Award for his book of photographs titled *Doing Photography and Social Research in Allied Occupation of Japan, 1948-1951: A Personal and Professional Memoir*. Cochrane is a professor of anthropology and director of the Cultural and Global Studies Program at Central Michigan University.

Xianhua Ou, EMBA04, is vice president of investor relations at Shenzhen Envicool Technology Co., in Shenzhen, China. The company focuses on thermal control for telecom and data centers.

Laura (Lazarus) Schreiber, LA04, and her husband, Adam, moved to Larchmont, N.Y., with their baby, Dylan.

Justin Thompson, BU04, was awarded a key to Cincinnati for his bravery in stopping a man attempting to defile a local breakfast establishment. Thompson cites his time at Olin Business School as the years in which he molded his principles of honor.

2005

Shannon Puopolo, LA05, was named a rising star in Florida for 2019 by the rating service Super Lawyers, the eighth year in which she attained this designation. Only 2.5 percent of the state's lawyers receive the recognition each year. Puopolo is an attorney in the Fort Myers office of Henderson, Franklin, Starnes & Holt, P.A.

2006

Yael Rajstein, GA06, has operated her own architecture and design firm, YR Studio LLC, since 2011. The Chicago firm focuses on residential design and includes all aspects of design, including spatial drafting and tile layouts, furniture design and construction management.

2007

Tiffany Adams-Holmes, LA07, graduated from Northwestern Family Medicine Residency and has returned to the St. Louis area.

Kiani (Arkus) Gardner, LA07, is running for Congress in Alabama's first congressional district, attempting to be the first woman to represent the district in the U.S. House of Representatives. Before launching her political campaign, Gardner was a professor in the North Carolina and Florida community college systems for six years.

Nicholas Gregg, EN07, was granted a Research Training Fellowship for Clinicians by the American Epilepsy Society. The society provides grants to research fellows in training and newly independent investigators working in epilepsy research.

Orly Henry, LA07, and **Ezra Hilton**, EN09, were overjoyed to welcome Margalit Shiri Henry Hilton in February 2019.

Sarah Kliff, LA07, is an investigative reporter at *The New York Times*. Previously, she was a senior policy correspondent at Vox. Kliff also created and hosted "The Impact," a narrative podcast that gave voice to patients' stories, and helped launch "The Weeds," a podcast that dives into the fine print of policy.

Kathy Korcheck, GR07, was promoted to professor of Spanish at Central College in Pella, Iowa, where she also serves as honors and emerging scholars director.

David Kramer, MD, LA07, takes care of all varsity athletes — especially those on the baseball, men's soccer, volleyball and women's basketball teams — as a team physician at the University of Central Florida.

2008

Morgan Dugan, GB08, is vice president and general manager of Animal Feed and Ethanol Marketplace at Indigo Ag, which works to improve grower profitability, environmental sustainability and consumer health through the use of natural microbiology and digital technologies.

Lauren "LB" (Bernstein) Klein, LA08, SW10, and her partner, John, welcomed identical twins Oscar and Holden in November 2018.

Robert Sutkay, EN08, in June 2019 earned an MBA from Northwestern's Kellogg School of Management and a master's degree in design innovation from McCormick School of Engineering. Sutkay then launched Flagstone Heritage in partnership with Halstatt Legacy Partners to identify small- to medium-size companies to acquire and operate.

Catherine (Karayan) Wilbur, LA08, has experienced several big changes in the last year. She is now at a boutique law firm in downtown Los Angeles, specializing in tax-exempt organizations and trusts and estates. Additionally, she and her husband welcomed their first child, Henry Augustus Wilbur, in March 2019. They call him Harry and could not be happier!

2010

Dione Drew, LA10, enjoyed a two-month trip to Asia and Australia before returning to New York City after a work-related stay in Atlanta.

Kenneth Leu, BU10, moved to Tokyo to join the Uber Eats strategy and planning team.

De Nichols, FA10, SW14, earned a Loeb Fellowship from Harvard's Graduate School of Design to explore enhancing the Griot Museum of Black History and Culture as a space for black arts, history and culture while increasing the institution's capacity and sustainability. The museum is located in North St. Louis.

Ashlee (Minton) Vieregger, LW10, was promoted to vice president and senior private client wealth advisor at Bankers Trust

Company in Des Moines, Iowa. She provides investment management, financial planning and fiduciary services to clients.

Masahiro Watabe, GR10, is an associate professor at Rishsho University in Tokyo.

2011

Jordan Aibel, LA11, launched Up Next Destinations, a Florida company offering fully customized international travel services. Having visited 57 countries across six continents and lived and worked in Israel, Vietnam and Belgium, Aibel is well positioned to advise clients on exciting travel destinations.

Jonathan Branfman, LA11, a professor of media and gender studies at William & Mary, published *You Be You! The Kid's Guide to Gender, Sexuality, and Family* (Jessica Kingsley Publishers, 2019). Available in English and 19 other languages, the book is designed to help children ages 7 to 11 think about how to create a kinder, more tolerant world and celebrate diversity. (See pg. 17.)

Andy DeSoto, GR11, GR15, is the director of government relations for the Association for Psychological Science in Washington, D.C.

Ameet Rawal, GB11, works at Express Scripts and co-owns Pieces Board Game Bar & Café in the Souldard area of St. Louis. He invites WashU faculty, students and alumni to visit for Wednesday night trivia (7-9 p.m.) or to try their skill at one of the café's 950 board games. Rawal attributes his success as an entrepreneur to the key skills he learned at Olin Business School.

Chelsea B. Schinnour, LW11, an assistant U.S. attorney in the Middle District of Pennsylvania (criminal division), took a position as resident legal adviser at the U.S. Embassy in Skopje, North Macedonia, and will be there for a year.

Arif Soto, GR11, is a corporate securities associate at Carmel, Milazzo & DiChiara LLP, New York City, where he represents both public and privately held companies.

2012

Bryan Baird, EN12, and **Agnes Trenche Mora**, LA12, who met at WashU during freshman pre-orientation, were married in March 2019.

Aliza Bran, LA12, is the media relations manager for the International Spy Museum. The popular Washington, D.C., museum — featuring interactive exhibitions and installations, the foremost collection of spy artifacts in the world, and first-person accounts of top intelligence officers and experts — had 600,000 visitors in 2018.

Scott Rempel, LA12, graduated from the University of Kansas School of Medicine-Wichita's Smoky Hill Family Medicine Residency Program in Salina, Kan.



“ The senior week Cards game! It was a beautiful day, and I think only the second pro baseball game I’d ever attended in my life. I don’t remember the team we played or who won, but I remember sitting with my friends and eating stadium food.”

AMY WEN, AB '15 (biology)

Photo: Senior Week, 2013

Monirath Siv, LA12, was named to the *Forbes* list of 30 under 30/Asia. After returning to his native country, Siv founded Teach for Cambodia to address the needs of disadvantaged communities in Cambodia.

2013

Diana Goeller, LA13, trained to become an IT specialist for the Oklahoma Army National Guard.

Anna (Beets) Lewis, LA13, and **Michael Lewis**, EMBA96, were married in October 2018. They live in Denver, where Anna is a registered nurse at Children’s Hospital Colorado and Michael works for a startup as a machine-learning engineer.

Jenny Liu, EN13, EN13, an MD/PhD student in mechanical engineering at Northwestern, was awarded a Paul & Daisy Soros Fellowship for New Americans. Each year, the program invests in the graduate education of 30 new Americans – immigrants and the children of immigrants – who are poised to make significant contributions to U.S. society, culture or their academic field by awarding each fellow up to \$90,000 in support over two years.

2014

Hilary Brownstead, LA14, is an anesthesiology resident physician at Wake Forest Baptist Medical Center.

2015

Lucy Cheadle, EN15, completed her first year as an air resources engineer in the

Industrial Strategies Division at the California Air Resources Board, Sacramento. Cheadle works to implement regulations and research new policy initiatives to reduce methane and other emissions.

Nils Kjos, LA15, is in the Class of 2022 at the NYU School of Medicine.

Rayshelle Webb, PMBA15, was married in 2018 and relocated to Miami, where she is director of finance and operations at Lash & Goldberg, LLP.

2016

Kevin Carroll, GB16, is an officer in the U.S. Navy.

Bradley Diatt, LW16, joined Perkins Coie LLP as an associate in the insurance recovery and commercial litigation practices. He and **Rachel Ahava Rosenfeld**, GF16, were recently engaged.

Cassandra “Cassie” Donish, GR16, wrote *The Year of the Femme* (University of Iowa Press, 2019), which won the 2018 Iowa Poetry Prize. One of the judges said of the book: “Donish’s voice is wretched, garlanded, full of pollen and rain and clover and indigo – everything further broken, messy, lovely, loving, wild and utterly itself ...” Donish teaches at the University of Missouri-Columbia.

Michael Farchakh, GL16, is an attorney and counselor at law with Freshfields Bruckhaus Deringer LLP in Dubai, United Arab Emirates.

Andrew Flachs, LA16, is an assistant professor in the anthropology department at Purdue University.

2017

Yash Bhatia, LA17, is in medical school at the University of Illinois at Chicago.

Julia Keller, LA17, is in her first year at Harvard Law School.

2018

Alejandro Bolivar-Cervoni, GB18, works for Capital One in product marketing.

Sarah Dyott, EN18, is pursuing a master’s degree in city and regional planning with a specialization in housing and community development at Georgia Institute of Technology.

Kelcee Sachtleben, GB18, and **Patrick Murray**, GB17, were engaged in June 2019.

2019

Michael Bynum, GB19, is a program manager for Stadia Ventures, in St. Louis.

Natalia Molinatti, LA19, is a recruiter in pharmaceuticals and life sciences for Green Key Resources.

Ricardo Solis, LA19, teaches drama, as well as social-emotional learning, to fourth graders and fifth graders at Seattle Country Day School, an independent school for gifted students. This academic year, he is also teaching the school’s first technical theater electives for middle school students. Solis thanks WashU for giving him an opportunity to achieve more than he ever dreamed when he left Mexico.



James M. McKelvey Sr., MS '47, PhD '50, dean emeritus of the School of Engineering, died Nov. 13, 2019. He was 94.

Growing up in University City, Missouri, McKelvey earned an undergraduate degree in chemical engineering from the University of Missouri-Rolla in 1945 and then master's and doctoral degrees in chemical engineering from Washington University.

After graduation, he worked at Dupont and later at Johns Hopkins University. McKelvey returned to Washington University in 1957 as an associate professor of chemical engineering. In 1964, he became the seventh dean of the university's engineering school, a position he held for 27 years until 1991.

During his tenure as dean, McKelvey led the school to prominence in engineering research, education and innovation. He launched the Engineers' Scholarship Program, the Dual Degree Program and the Cooperative Education Program. Under his leadership, three new buildings — Bryan, Lopata and Jolley halls — were constructed. The school's endowment grew more than tenfold, from \$4 million to nearly \$52 million, and research expenditures grew substantially.

His son, James M. McKelvey Jr., AB '87, BSCS '87, recently gave a transformative gift to the school of engineering to rename it the McKelvey School of Engineering, as well as the lead gift to construct James M. McKelvey, Sr. Hall, to honor his father.

Washington University has honored McKelvey Sr. with the William Greenleaf Eliot Society's Search Award and with an undergraduate research award in his name for students interested in engineering, medicine or the sciences. For his many contributions, the engineering school bestowed upon him its Alumni Achievement Award, Distinguished Faculty Award and Dean's Award. In 2003, John F. McDonnell and the JSM Charitable Trust established the James M. McKelvey Professorship in his honor.

"James McKelvey Sr. left a remarkable and unprecedented imprint on both our McKelvey School of Engineering and our entire university community," says Chancellor Andrew D. Martin. "He represented the very best of Washington University, and I have no doubt his legacy will endure through those who continue to honor him with their leadership and service."

Merton Bernstein, the Walter D. Coles Professor of Law Emeritus, died at his home in Brewster, Massachusetts, on Aug. 3, 2019. He was 96.

Bernstein joined the Washington University faculty in 1975 and taught here for more than 25 years. He was an expert on Social Security, pension and health-care issues.

He founded and directed a congressional internship in Washington, D.C., for selected third-year law students. His earlier experience in government service informed the classes he taught, especially labor law, social legislation and arbitration.

Lloyd Bob Brown, MS '51, PhD '60, professor emeritus in the Department of Electrical Engineering at the McKelvey School of Engineering, died May 25, 2019. He was 94.

Brown came to Washington University after serving in the U.S. Navy during World War II. He first came as a student and earned his master's and doctoral degrees from the university. He worked in industry for several years and then returned to teach in electrical engineering for more than 30 years.

Andrew B. Craig III, emeritus trustee of the university, died May 24, 2019. He was 88.

Craig spent much of his career in banking. He served as president, CEO and chairman of the board of Boatmen's Bancshares, which was acquired by NationsBank and then Bank of America. He was elected to the Washington University Board of Trustees in 1988 and served four terms. He became an emeritus trustee in 2003.

Jessica Nguyen Davidson, MSW '12, died unexpectedly Aug. 5, 2019. She was 33.

After earning her master's degree in social work from the Brown School, Davidson earned certification as a licensed independent clinical social worker. She served as a counselor at the Institute for Health and Recovery in Boston. She also traveled widely, spending three years in Macedonia when she volunteered with the Peace Corps. She also spent time overseas on mission trips in Peru and Thailand.

James (Jim) C. Fetterman, senior lecturer in landscape architecture at the Sam Fox School of Design & Visual Arts, died Jan. 19, 2019. He was 68.

Fetterman taught in the Master of Landscape Architecture program in the Graduate School of Architecture & Urban Design since its inception in 2010. His studios focused on the history and techniques of earthworks and topography.

Peter P. Gaspar, professor emeritus of chemistry in Arts & Sciences, died July 27, 2019. He was 84.

Gaspar began teaching at Washington University in 1963, and he taught and conducted research until his death. Gaspar was a physical-organic chemist and a leader in the field of organosilicon chemistry.

In addition to being a fellow of the Royal Society of Chemistry, of the American Numismatic Society and of the Royal Numismatic Society (Great Britain), Gaspar was also a traveling lecturer for NATO and the French Ministry of Education.

Harold Levin, PhD '56, professor emeritus of earth and planetary sciences in Arts & Sciences, died July 16, 2019. He was 90.

Levin joined the Washington University faculty in 1961. He served as chair of the Department of Earth and Planetary Sciences from 1973 to 1976 and wrote and illustrated numerous textbooks and laboratory studies in geology and paleontology. He was co-author of the popular geology textbook *The Earth Through Time*.

I. Norman Katz, a longtime professor of electrical and systems engineering in the School of Engineering & Applied Science, died Jan. 15, 2019. He was 86.

Katz joined the engineering school in 1967 as an associate professor in the Department of Applied Mathematics and Computer Science. He was chair of the Department of Systems Science and Mathematics from 1987 until 2002 and was co-director of the undergraduate program in systems science and mathematics. In 1983, he received a Distinguished Faculty Award from the university as recognition of his willingness to mentor students.

Katz retired in 2015 after 48 years and became senior professor.

Jerome Levy, AB '54, MD '58, MA '10, a groundbreaking surgeon at Barnes-Jewish Hospital, died June 12, 2019. He was 84.

After earning his undergraduate degree at Washington University, Levy entered the School of Medicine at just 19 years old. He earned his medical degree in 1958 and became the chief resident in surgery at Barnes Hospital. Levy left Barnes to serve in the Vietnam War, and when he returned, he performed one of the first laparoscopic gallbladder removals. He was also one of the first surgeons to perform an immediate breast reconstruction during a mastectomy.

Levy was known for his dedication to lifelong learning, earning a master's degree in liberal arts from University College in 2010 at the age of 75.

Gerald Medoff, MD '62, professor emeritus of medicine and beloved former director of the Division of Infectious Diseases at the School of Medicine, died Jan. 14, 2019, following a long bout with Parkinson's disease. He was 82.

Medoff became director of the Division of Infectious Diseases in 1972 and served in the position for two decades, transforming the division into a nationally renowned clinical and research arm of the university. In 1992, he stepped down as director to become vice chair of clinical affairs in the Department of Medicine. In 2000, he founded the Division of Hospital Medicine with Mark Thoeke, MD, professor of medicine.

Kelley Ann Mullen, senior director of scheduling services and service quality for the School of Medicine's faculty practice, died May 21, 2019. She was 57.

Mullen joined the School of Medicine in 1995 as a nursing and clinical administrator for the Department of Neurosurgery. She moved to the faculty practice in 1998. She is remembered as a deeply kind and dedicated leader and beloved colleague.

Clifford Grant Neill, DDM '46, alum and former professor, died Feb. 15, 2019. He was 97.

After earning his doctorate in dental medicine at the university, Neill went on to work as a dentist in Carbondale, Ill., until he retired in 2007. During his career, Neill was a professor at both the Southern Illinois University School of Dental Medicine and WashU's School of Dental Medicine, even serving for two years as the coordinator of occlusion. The dental school closed in 1991.

Neill served as president of the Dental School Alumni Association in 1985, was a member of the Eliot Society and received a Distinguished Alumni Award in 2005.

Jeanne Duemler Rueter, AB '51, alumna and elementary school teacher, died July 26, 2019. She was 89.

Rueter taught primary school for 31 years. She worked primarily in Indiana, where she moved with her family in 1959. Friends and colleagues remember her as being devoted to the art of teaching and reading aloud to her first graders daily. She earned a master's degree in education from Purdue University Northwest in 1969.

Keshav Sanghani, a member of the Class of 2022, died June 30, 2019. He was 19.

Sanghani was an accomplished student. He spoke four languages and was teaching himself a fifth, Russian, at the time of his death. He was also studying math and economics. His older sister, **Saryu Sanghani**, AB '19, is a faculty assistant in the chemistry department in Arts & Sciences. Together, they loved to explore the Souldard Farmers Market, drink bubble tea in the Delmar Loop and discuss life's difficult questions.

Norman Schofield, the William Taussig Professor of Political Economy in Arts & Sciences, died Oct. 12, 2019. He was 75.

Schofield was a pioneer in the use of mathematical models to better understand the dynamics of electoral competition. He was also a professor of political science and economics and studied elections across the United States and around the world, including in Azerbaijan, England, Georgia, Israel, Russia and Turkey. Throughout his career, Schofield authored more than 150 articles, 10 books and 14 edited volumes.

Dylan Wallace, AB '19, died in an accidental drowning June 28, 2019. He was 22.

While a student, Wallace studied environmental earth science and anthropology in Arts & Sciences and was remembered for being a creative thinker and passionate environmental advocate. He was a TRiO scholar, served as an attendant at the Kemper Art Museum and was a research intern at Chicago Botanic Garden. At the time of his death, he was applying to be a high school environmental science teacher in Chicago.

Please submit full obituaries for consideration to earlyr@wustl.edu.

The following death notices were submitted between January 1, 2019–April 30, 2019. Please contact Development Services at rmccloud@wustl.edu to report an alumni death.

1930–1939

Alma K. Reitz, GR 38; May '19

1940–1949

Ruth (Wehmeyer) Forsman, LA41; May '19
Jane (Wille) Hiestand, LA42; Sept. '19
Donald M. Moore, MD42; Aug. '19
Melvin M. Bloom, BU43; May '19
Jean (Schwartz) Anderson, BU44; June '19
John H. Dokos, EN44, SI45; Aug. '19
Frances J. Rozier, FA45; Aug. '19
Shirley (Pemberton) Rumer, LA45; Sept. '19
Richard E. Baron, EN46; May '19
Howard L. Catterson, EN46; June '19
Mary (Luers) Dolphin, LA46; May '19
Maurice J. Lonsway, LA46, MD50; June '19
Janey (Harting) Park, LA46, GR52; Aug. '19
Shirley (Bierman) Asner, BU47; July '19
Virginia W. Benade-Belveal, LA47; Aug. '19
Corinne Cullen, NU47; May '19
Aileen (Sterchi) Dohm, NU47; July '19
Sarah (Bales) Krainess, NU47; June '19
Juanita (Seibert) McKee, LA47, LW47; Aug. '19
Sally (Bowman) Nuetzel, LA47; June '19
Anne (Travis) O'Connell, LA47; Sept. '19
Edwin G. Shifrin, LW47; July '19
William G. Allen, LA48; Aug. '19
John F. Hallums, LA48; Aug. '19
Samuel W. Hofer, GR48; Sept. '19
Harold A. Moore, GR48; May '19
Edwin C. Edelman, BU49, GB59; May '19
Fred R. Freeman, BU49; Aug. '19
Dolores (Lott) Heller, LA49; July '19
Barbara (Eisenhardt) Weiss, LA49; May '19
Robert Wendt, UC49, GR62; July '19
Charles A. Wilson, BU49; June '19
Elaine (Carp) Wolff, UC49; May '19

1950–1959

Joan K. Dillingham, UC50; June '19
William A. Kindorf, BU50; July '19
Virginia (May) Rosenberg, BU50; May '19
Joseph S. Schubert, EN50; Sept. '19
E. Joyce (Mickle) Treffinger, NU50; July '19
Lloyd R. Brown, SI51, SI60; May '19
Eugene E. Brucker, EN51; May '19
Shirley (Weckler) Callison, LA51; Sept. '19
Mary (Dail) Keil, BU51; Aug. '19
Jim Mellow, UC51; Aug. '19
Philip R. Newmark, BU51, LW58; July '19
Jeanne (Duemler) Rueter, LA51; July '19
Nancy (Skinker) Schlueter, BU51; June '19
Eugen Schoenfeld, LA51, GR63; May '19
Ray W. Shupp, EN51; May '19
Dixon F. Spivy, LW51, MD57; Aug. '19
Robert W. Tucker, LA51; June '19
Dale K. Wilde, EN51; June '19
Sanford J. Zimmerman, BU51; Sept. '19
John L. Denman, MD52; July '19
Betty (Ittel) Marting, FA52; June '19
Charles W. Rea, BU52; Aug. '19
Jack Bennett, GR53; July '19

James N. Hampton, LA53; June '19
Alan C. Kohn, LA53, LW55; Sept. '19
Jerome F. Levy, LA53, MD58, GR10, June '19
Curt C. Lindauer, LA53, LW54; June '19
Lawrence T. Marcagi, BU53; July '19
Mary L. Mendelson-Scripp, OT53, OT84;
July '19
Clarence H. Meyer, LA53; June '19
Ruth (Schultz) Niehaus, BU53; Aug. '19
Shirley T. Paul, BU53; Sept. '19
Marianne (Kessler) Spiegelhalter, LA53;
Aug. '19
Marilyn (Millecker) Stumph, BU53; May '19
Julia M. Watson, LA53; July '19
Thomas J. Creley, EN54, SI56; Aug. '19
James R. Davidsmeyer, DE54; Aug. '19
Joan (Neumann) Johnson, NU54; July '19
Howard L. Kanefield, LA54, LW55; June '19
Clarence Heller, EN55; June '19
Herzl Katz, MD55; Aug. '19
Fred J. Kern, LA55; July '19
Frederick T. Kraus, MD55; Aug. '19
Charles A. Murray, BU55; June '19
James L. Solari, EN55; Sept. '19
Frank Tull, MD55; Aug. '19
Miles C. Whitener, MD55; June '19
Richard N. Aurin, EN56; June '19
Larry W. Bottorff, BU56; Aug. '19
Robert L. Desatnick, GB56; July '19
Howard J. Dewell, GR56; Aug. '19
Georgia (McManus) Johnson, LA56;
May '19
Sally (Hungate) Koenig, LA56; Sept. '19
Harold L. Levin, GR56; July '19
Howard H. Witsma, BU56; Aug. '19
Nancy (Hixson) Yancey, LA56; Aug. '19
Judd R. Cool, BU57; May '19
E. Jeannette (Baskett) Corrigan, GR57;
May '19
Bill Fabianic, EN57; Sept. '19
Robert L. Felt, GR57; July '19
Edward H. Forgotson, MD57; July '19
Marlene (Epstein) Halperin, SW57;
Sept. '19
Robert B. Kern, BU57; May '19
Louise (Levin) Mandel, LA57; Aug. '19
Frances (Greenberg) Rich, LA57; Aug. '19
Homer D. Wright, DE57; Sept. '19
Lewis Bettman, LA58; June '19
Doris (Bieser) Buchmueller, LA58;
Sept. '19
Nicholas G. Byron, LW58; Aug. '19
Henry C. Ellis, GR58; July '19
Valle W. Peistrup, UC58; May '19
Arthur I. Tarchis, LA58; June '19
Allan H. Zerman, LA58, LW60; July '19
Mary (Watson) Bird, LA59; July '19
Milton J. Deitch, MD59; May '19
Roy R. Heimburger, BU59; May '19
Donald G. Holmes, FA59, UC74; Sept. '19
June (Maupin) Kistner, GR59; May '19
Harold J. Nolle, GB59; July '19

1960-1969

Joyce (Rogers) Burton, LA60; May '19
George L. Hickenlooper, GR60; July '19
Myron A. Marty, GR60; July '19
Thomas J. Ruoff, SW60; June '19
William C. Shores, EN60; June '19
Joseph A. Sisson, MD60; Aug. '19
Robert L. Vickery, AR60; Aug. '19
Michael J. Vrlenich, EN60; June '19
George H. Bell, UC61; Aug. '19

James J. Callahan, TI61, TI63; May '19
Harvey W. Friedman, EN61; Sept. '19
Richard R. Meckfessel, LA61, GR63;
June '19
Thomas J. Rauzi, UC61; Aug. '19
Perry L. Wilkins, GR61; June '19
Janice L. Willms, MD61; May '19
Linda (Satz) Barton, LA62; Aug. '19
Alphonse E. Dowling, UC62; June '19
J. Ben Guire, UC62; Aug. '19
Kenneth L. Kline, UC62; Sept. '19
Helen R. Kuentler, GR62; May '19
Harry D. Neufeld, SW62; July '19
Alice Nouhan, NU62; Aug. '19
Ja Song, GB62, GB67; Aug. '19
Gerald Wool, MD62; May '19
Gerhard W. Cibis, LA63, MD68; Sept. '19
Jacqueline M. Hudson, GR63; May '19
Stanton J. Levinson, LA63; Aug. '19
Leonard E. Raiffie, BU63; July '19
Richard L. Swaine, SW63, SW71; Sept. '19
Joseph P. Winkelmann, UC63; Aug. '19
Allen H. Blake, BU64, GB65; July '19
William P. Heinbecker, EN64, SI67; Aug. '19
Patrick M. Kennedy, FA64; July '19
Richard Ledbetter, GR64; July '19
Adam C. Mahaffy, UC64; Sept. '19
Bernard E. Schrautemeier, GR64; May '19
Samuel A. Caldwell, UC65; May '19
Rick B. Dalton, EN65; June '19
Maury C. Eggers, GR65; July '19
Helen J. Lichius, UC65; May '19
Carl J. Spies, GR65; June '19
Robert L. Steinkamp, UC65; June '19
Donna (Lett) Villarreal, FA65; July '19
Cassie (Weinberg) Buerki, LA66; June '19
Jerry L. Higginbotham, GR66; Aug. '19
Joel A. Honigbaum, UC66; Sept. '19
H. Anthony Tarrasch, DE66; June '19
William B. Horner, MD67; June '19
Joella (Jordan) Utley, MD67; July '19
Enrique Vélez-García, HS67; Sept. '18
Emerson Weddle, EN67; July '19
Louis I. Wexberg, LA67, GR68; Aug. '19
Kent R. Wilton, GB67; Aug. '19
W.K. Oliver, GD68; Aug. '19
Jean M. Ritchie, GN68; Aug. '19
Herbert L. Coleman, GB69; Sept. '19
Maynard L. Jones, UC69; Aug. '19
Junius R. Judson, LA69, GA 73; July '19
Robert W. Sindel, LA69, MD75, HS77,
June '19

1970-1979

Donald L. Borthick, TI70; Aug. '19
John O. Eichling, GR70; July '19
Steven D. Korenblat, LA70, LW82; May '19
Kenneth D. Delp, DE71; Sept. '19
Roger Pleis, UC72; Aug. '19
Paul T. Coleman, DE73; June '19
Richard Grisham, HA73; May '19
Frank W. Miles, UC73, UC73; Sept. '19
Camille R. Neubauer, GR73; Aug. '19
Cleta R. Pouppart, GR73, GR82; Aug. '19
Steve M. Pu, LA73; June '19
Audrey (Wolff) Chanen, SW74; June '19
Marc Lipton, LA74; Nov. 18
Thomas F. Maher, LA74, PMBA86; Aug. '19
Linda (Bixby) Peterson, MD74; July '19
Wayne R. Schaetzel, UC74; June '19
James E. Spence, EN74; July '19
Timothy P. Willis, GB74; June '19
Randall S. Bueter, LA75; Aug. '19

Elliot G. Glassman, LA75; Sept. '19
Lawrence D. Hafner, DE75; July '19
James A. Givens, UC76; Sept. '19
David S. Andrew, GR77; June '19
John M. Brzozowski, UC77; Aug. '19
Ronald W. Peterson, UC77; Aug. '19
Joan (Pryor) Barth, GR78; May '19
Michael W. Combs, GR78; Aug. '19
Edward O. Gotway, SI78; June '19
Joan (Olsen) Hashimi, SW78; May '19
Jacqueline W. Tucker, GR79; June '19

1980-1989

Frank L. McElroy, LW80; May '19
Timothy R. Thornton, LW80; June '19
Ari A. Budnick, LA81; Aug. '19
Teresa (Benjamin) Fox, LA81; Sept. '19
Bernadette T. McLaughlin, GR81; July '19
Michael W. Raridon, LW81; May '19
Ann L. Travis, SW81; June '19
Gilbert R. Hart, DE82; July '19
Michael C. Molleston, LA82, MD86, May '19
Sondra (Farmer) Naegler, GD82; July '19
Margaret J. Harris, HA83; June '19
Kathleen A. Huelsing, GR84; June '19
Roger A. Noel, GR84; July '19
Fred T. Taussig, EMBA85; June '19
Gregory R. Weiher, GR85; Sept. '19
Cheonil Kim, GA86; June '19
Edward J. Smith, LW86; Aug. '19

1990-1999

Michael P. Mannion, GL91; May '19
Henry P. Willimon, GB91, LW91, GL94,
May '19
Dorothy J. Cherry, SW93; Aug. '19
John D. Keen, LA94; June '19
Peter N. Lee, LA95; July '19
Dana M. Carter, FA97; July '19
Robert J. Kestelik, LW97; Aug. '19
Bobby J. Murdock, GR97; July '19

2000-2009

Thomas M. White, PMBA04; May '19

2010-2019

Steven L. Marco, BU10; June '19
Jessica N. Davidson, SW12; Aug. '19
Dylan D. Wallace, LA19, LA19; June '19

2020-2029

Keshav D. Sanghani, LA22, LA22; June '19

My name: *Sandra M. Moore AB '76 JD '79*

Childhood Dream: *To become a lawyer and represent low-income people.*

Favorite WU memory: *Wednesday Assembly Series - Everyone on campus was in a unified listening mode, and we met amazing national and world leaders.*

Favorite Honor: *Distinguished Law Alum - I'm incredibly proud that my law school valued my contributions to the legal community and society in general.*

Soundtrack: *Aretha Franklin's Greatest Hits*

I support WU through a planned gift because: *Without the education and opportunity my WashU education provided me, I would not have the life I live. I was first-generation college and set the example of college success for my family.*

Like Sandra M. Moore, AB '76, JD '79, consider supporting Washington University through an estate gift, life income plan or other planned gift.

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Cheers, circa 1950

Cheerleading dates to Great Britain in the 1860s, and the sports activity entered the U.S. in the 1880s. Although women currently dominate the field, cheerleading was begun by men. In the 1950s, cheerleading was going strong at Washington University. At right, three young female students clearly embrace the activity and look exuberant doing it, donning school sweaters, culottes, bobby socks, saddle shoes and penny loafers.



Photo: Washington University Archives





Olympic recognition

On Sept. 21, 2019, Washington University celebrated the renaming of Francis Field to Francis Olympic Field at the halftime of a Bears football game. The International Olympic Committee approved the new name to commemorate Francis Field as the site of the 1904 Olympics. A year prior, in September 2018, the university dedicated an Olympic rings sculpture, called "Spectacular," near Francis Field, and invited St. Louis Olympians, including Jackie Joyner-Kersey, to celebrate WashU's place in Olympic history.

Photo: Danny Reise