

MIZZOU

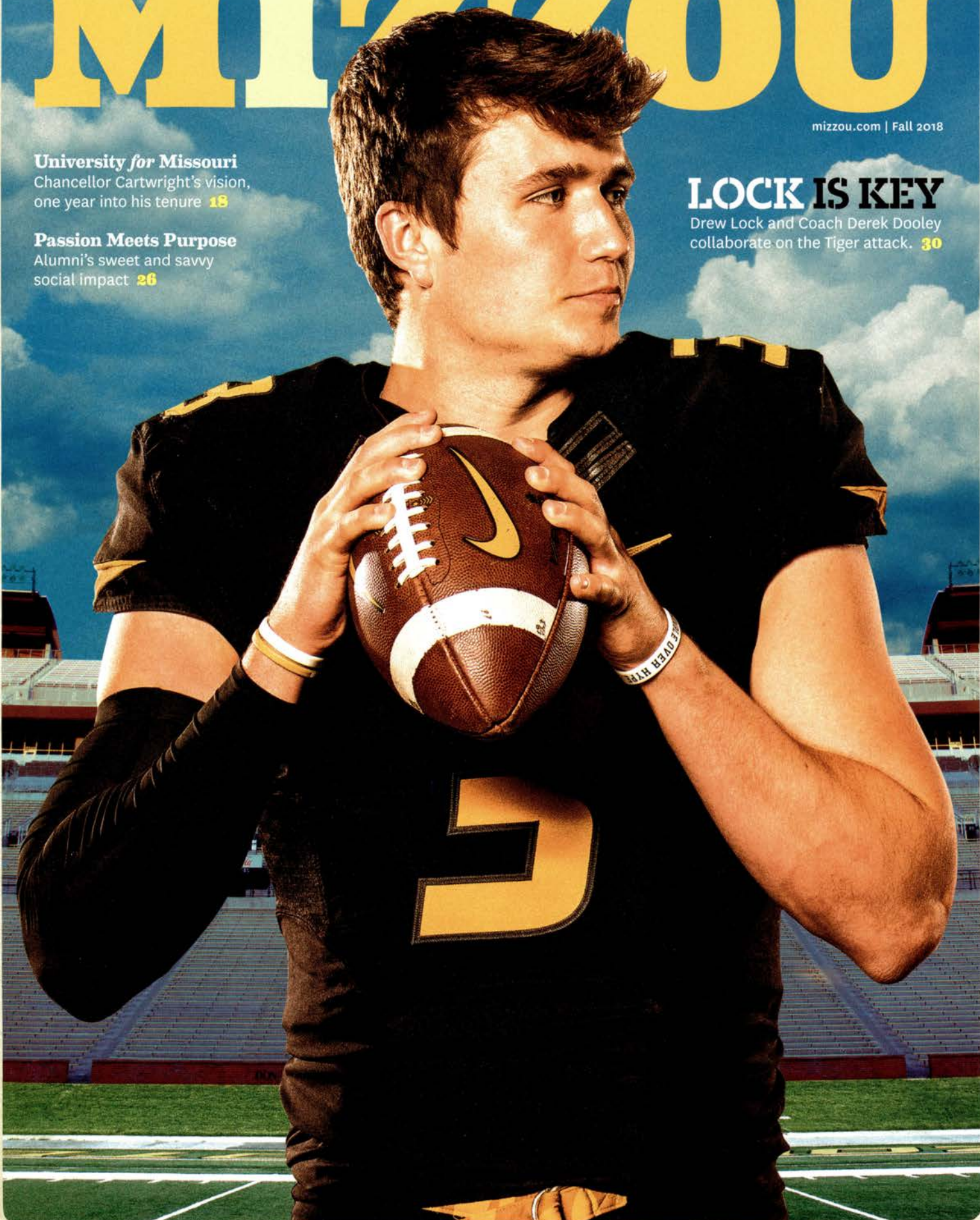
mizzou.com | Fall 2018

University for Missouri
Chancellor Cartwright's vision,
one year into his tenure **18**

Passion Meets Purpose
Alumni's sweet and savvy
social impact **26**

LOCK IS KEY

Drew Lock and Coach Derek Dooley
collaborate on the Tiger attack. **30**





FIRST LOOK

VIEW HALLOO Having called in the foxhounds, Sally Crane Cox presides over the circling pack during a no-quarry demonstration at the Rocky Fork Headley Hunt Benefit Show in Johnstown, Ohio. Josh Bickel, MA '09, Ohio News Photographers Association 2018 Photographer of the Year, captured the image. "I love the power of the still image," says Bickel, who shoots for *The Columbus Dispatch*. "Whether I'm producing a portrait or documenting a subject, my goal is always to make a picture that informs the viewer while respecting the subject. These are not my stories, but I have the honor to share them." In 2009, he edited and designed *St. James: The People of Missouri's "Forest City of the Ozarks,"* a compilation of documentary photo stories from the 60th Missouri Photo Workshop. The workshop celebrates its 70th anniversary in 2019. *More: mophotoworkshop.org*



GOOD NEWS\$

Mizzou gift annuity rates are the highest they have been in years.

How It Works

With a charitable gift annuity, you make a donation using cash, or publicly traded stock, and we pay you a fixed amount for life. With this gift, you can boost your retirement income and feel secure because you receive reliable, predictable payments for as long as you live.

Let us send you a free, no-obligation illustration showing you the increased benefits you can receive from a charitable gift annuity. Your personalized illustration will include your potential income tax charitable deduction and our annual payments to you for life.

Contact The Office of Gift Planning and Regional Advancement at 1-800-970-9977 or 573-882-0272 or giftplanning@missouri.edu to begin.

New Rate Charts (effective July 1, 2018)

One Recipient			Two Recipients		
AGE	NEW RATE	OLD RATE	AGE	NEW RATE	OLD RATE
60	4.7%	4.4%	60/65	4.3%	4.0%
65	5.1%	4.7%	65/70	4.7%	4.4%
70	5.6%	5.1%	70/75	5.2%	4.8%
75	6.2%	5.8%	75/80	5.7%	5.3%
80	7.3%	6.8%	80/85	6.6%	6.1%
85	8.3%	7.8%	85/90	8.0%	7.3%
90+	9.5%	9.0%	90/95+	9.3%	8.8%



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FROM THE PUBLISHER



Fall into Step

In my many years at Mizzou, nothing beats the fall semester. Student move-in day, Tiger Walk, football Saturdays and crisp autumn weather — all these are part of a ritual I never take for granted. I find that, for many alumni, fall is the time of year when Mizzou is most on your mind. The memories tend to rush back just as classes begin. I hope the magazine satisfies your craving for news of campus.

Just over a year ago, Chancellor Alexander Cartwright arrived at the university. The past year has been a busy and productive one. In this issue of MIZZOU magazine, we launch a four-part series on his vision: The “University for Missouri” (See Page 18). The chancellor’s bold and compelling initiatives for hands-on student learning, faculty research and community engagement have caught the attention of stake-

holders across Missouri and nationwide.

As campus leaders bring Chancellor Cartwright’s vision to life, the time is right to review MU’s recent progress in key areas:

- We expect to welcome a freshman class that is 11 percent larger than last fall’s class.
- We celebrated multiple fundraising records as the Our Time to Lead Campaign crossed the \$1 billion mark.
- Thanks to many of you, a record 14,000 alumni volunteered to help Make Mizzou Stronger last year.

Much work remains to be done. Achieving a bold vision requires fortitude and discipline. But the stage is set for a wondrous fall at your alma mater. See you at Homecoming!

— Todd McCubbin, M Ed '95

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Statements of Purpose

The Mizzou Alumni Association proudly supports the best interests and traditions of Missouri’s flagship university and its alumni worldwide.

Lifelong relationships are the foundation of our support.

These relationships are enhanced through advocacy, communication and volunteerism.

MIZZOU magazine reports credible and engaging news about the University of Missouri community to a global audience.

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MORE MIZZOU ONLINE



Red Means Stop: Josh Bickel, MA '09, won a photographer of the year award in 2018 (See Page 1) in part for his images for *The Columbus Dispatch*. Above, students await the green light at the intersection of High and Main streets in New Albany [Ohio] Safety Town. During this summer class, kids pedal toy cars to learn the rules of the road. View more of Bickel's work at tinyurl.com/bickels-best.

Karissa's kick: In Karissa Schweizer's final collegiate race, her signature kick blew away the NCAA Championships 5000-meter field as she finished in 15:41.58. Watch the video at tinyurl.com/karissa-kick.

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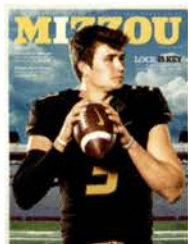
CONTRIBUTORS



Mark Godich, a *Sports Illustrated* editorial veteran, wrote our profile of quarterback Drew Lock (See Page 30). Godich is the author of *Tigers vs. Jayhawks: From the Civil War to the Battle for No. 1*.



Illustrator Aldo Crusher's clients include *The Wall St. Journal*, Uber and HBO Latin America. View his take on the Mizzou's Homecoming parade route on Page 46.



About the cover

Tiger quarterback Drew Lock is a Heisman Trophy candidate. Lock, who led the Tigers to a 7-6 season last year, ranked among the nation's top 10 quarterbacks in passing yards (3,964) and passing efficiency (Page 30). Photo illustration by Blake Dinsdale. Lock photo by L.G. Patterson.

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Josh Bickel, MA '09, is the Ohio News Photographers Association's 2018 Photographer of the Year.

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Association of American Universities members paid \$77 billion in salaries; produced 4,407 patents; and helped launch 635 startup companies in 2016. Those numbers hint at the high-octane economic engine that is higher education, and MU's stats are no exception.

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University for Missouri

Now a year into his tenure as chancellor, Alexander N. Cartwright's vision for Mizzou prioritizes hands-on student learning, community engagement and strategic investments in research. **STORY BY GORDY SAUER**

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Offensive Threat

The rapport between quarterback Drew Lock and new offensive coordinator Derek Dooley shapes the Tiger attack in important ways. Will they be close enough to go far? **STORY BY MARK GODICH, BJ '79**

† Cornices trim the tops of several downtown Columbia buildings along Mizzou's Homecoming parade route (See Page 40). Name the address of all five cornices from top to bottom, and we'll enter you in a drawing for Mizzou-themed prizes. Email entries to mizzou@missouri.edu.



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Passion Meets Purpose

A chocolatier and a child development researcher would seem to have little in common. One left a lucrative career. Another flipped convention in following a different path. Both stumbled on their life's purpose and were brave enough to follow it. **STORY BY ERIK POTTER**

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Homecoming Special Section

Take a then-and-now photo tour of the Homecoming parade route, get to know the accomplished alumni of the 2018 Hall of Fame class, read about the trio of student leaders who plan the festivities, and find a schedule of events.

40

Blare of the Horns

The Mizzou Alumni Association's Homecoming parade strides across campus and through downtown Columbia, where century-old storefronts set a lively scene for this American tradition. **STORY BY DALE SMITH, BJ '88**
PHOTOS BY ROB HILL



Verifiably Viridescent

Today's prospective students scope out several factors, including environmentally sustainable practices, when choosing a college. This year's freshman class, up about 500 students (11 percent) over last year, will live in what aspires to be Miz-zou's greenest environment since cows grazed the campus landscape in the mid-1800s.

Architect Chris Wilson, BS '02, refers to Miz-zou's sustainable design and construction standards as he documents projects for Leadership in Energy and Environmental Design, or LEED, certification. LEED is an internationally recognized green-building rating system. At MU, such facilities minimize resource use in part with low-flow water fixtures, solar hot water heaters, occupancy sensors, and automated controls for lighting and temperature. More dramatic features include Gateway Hall's 8,015-square-foot bioretention area. Its plants and sandy soil not only capture storm water from 35,141 square feet of the building's roof and sidewalks but also store and filter the runoff to boost water quality and

† New LEED-certified residence halls greet a resurgent freshman class, which is expected to grow by 11 percent over fall 2017.

decrease local flooding, Wilson says. In the meantime, the water nourishes the area's native plants.

In 2017, renovation of Miz-zou's oldest residence halls, Johnston and Wolpers, made them Miz-zou's first LEED Platinum-certified structures. A few months earlier, Gateway Hall won Gold certification. In 2018, the MU Softball Stadium became the nation's second LEED Gold softball facility, and the Swallow Hall renovation also earned Gold certification. Bluford and Brooks halls, Miz-zou's newest residence halls, expect certification shortly.

"Operations takes its stewardship role seriously," says Gary Ward, vice chancellor for operations and interim vice chancellor for student affairs. "We are always looking for ways to save money that can be used to improve student success, engagement and outreach."

READ ALL ABOUT IT!

Mizzou researchers headline major media outlets

ST. LOUIS POST-DISPATCH

Climb through a glass ceiling, get pushed off a glass cliff

"If any women in America can overcome gender bias, you'd think it would be the powerful few who run large companies."

The Washington Post
3.6 million-year-old footprints suggest early human ancestors were excellent walkers

"Walking is huge. Walking set the stage for all of those things that come later."

FUTURITY

Horseback riding therapy eases veterans' PTSD

"Participants experienced an 87 percent drop in PTSD scores."

SCIENTIFIC AMERICAN

Ask me first: what self-assessments can tell us about autism

"By recognizing self-report as a valid viewpoint, researchers and clinicians are gaining insight into how people experience autism, rather than relying only on others' accounts and observations."

apartment therapy

Here's what happens to your body when you don't move all weekend

"Even jiggling your leg the whole time you're lounging keeps the blood flowing (though that's super annoying for the other person on the couch)."

DATA

Accelerator Effect

The 62 members of the Association of American Universities, of which MU is part, form a potent economic force. In 2016, AAU members paid **\$77 billion in salaries** to 725,265 employees; produced **4,407 patents**; and helped launch **635 startup companies**. Those numbers are a mere glimpse of the **high-octane economic engine that is higher education**. MU's stats are no exception, according to two new economic impact reports.^{1,2}

\$3.9 billion

MU generated more than **\$3.9 billion in economic impact for Missouri**. This figure includes \$1.6 billion that faculty, staff, students and visitors spend directly on goods and services. Direct spending supports local businesses, which, in turn, employ people to sell goods and provide services. The \$3.9 figure also includes \$2.3 billion in indirect spending. This occurs when businesses that MU pays turn around and spend that income in Missouri, thereby creating demand for even more jobs.

\$1 → \$120

Every \$1 invested in University of Missouri Extension's Business Development Program during the past three years **returned \$120 in economic impact** for its clients, this in the form of increasing sales by more than \$1.19 billion. The program has helped create or retain about 29,000 jobs while attracting nearly \$347 million in capital investments and \$1.17 billion in government contracts.

46,855 jobs

MU supported **28,687** full-time and part-time jobs statewide, while campus spending supported **18,168** indirect jobs.

\$117.4 million

Local and state **revenue MU generates** from direct and indirect/induced tax payments

\$899 million

MU Health Care's Impact on Missouri. The employment impacts of its activities supported over **8,900 jobs** throughout the state. Nearly \$645,000 of in-state and local government revenue generated can be attributed to MU Health Care activities.

66%

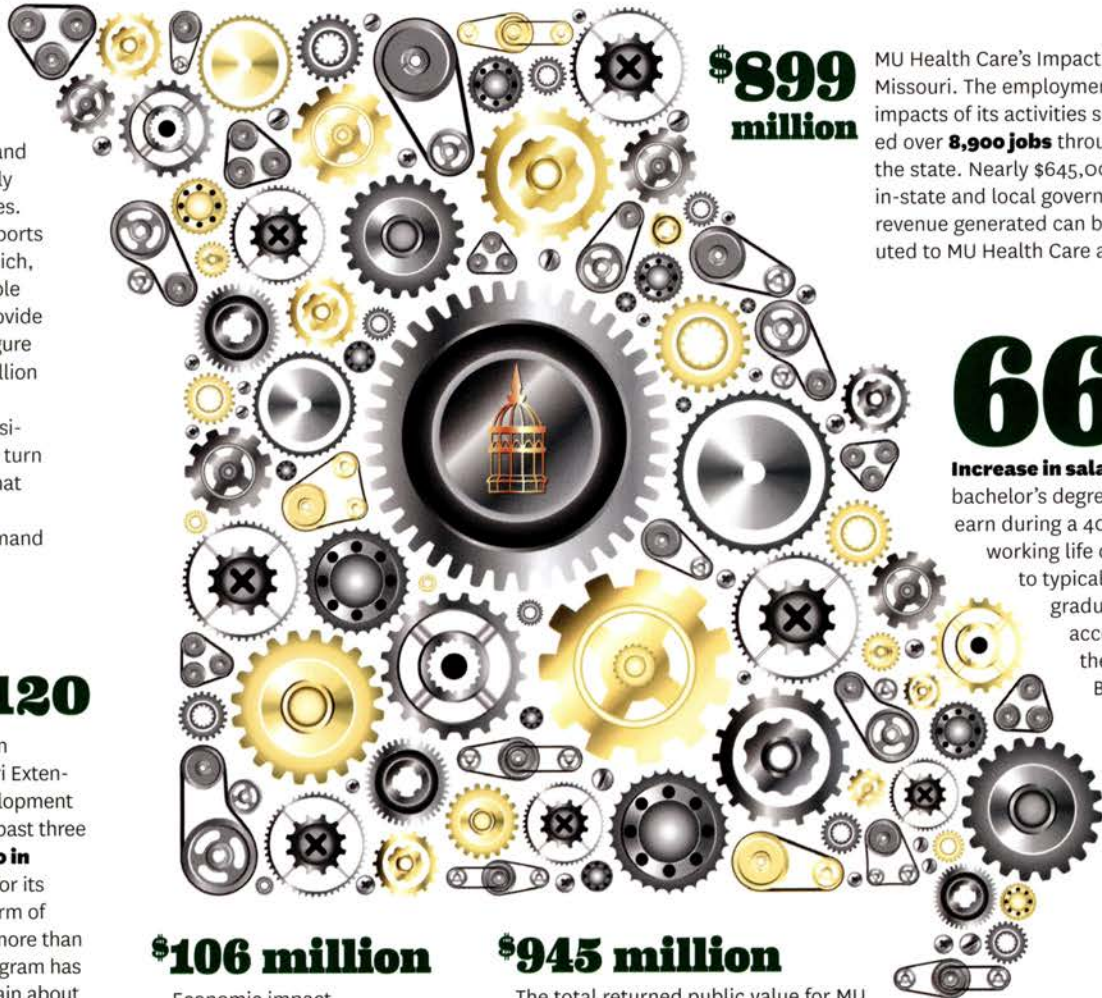
Increase in salary typical bachelor's degree recipients earn during a 40-year working life compared to typical high school graduates, according to the College Board.

\$106 million

Economic impact of **MU Extension** operations within the University of Missouri System

\$945 million

The total returned public value for MU Extension, which operates in all 114 Missouri counties and the city of St. Louis. For every dollar invested in MU Extension, an estimated **\$11** of public value is returned.



Sources:

1. *The Economic and Community Impact of the University of Missouri System, FY17*. Conducted by Tripp Umbach. View the report at umsystem.edu.

2. *A Quantitative and Qualitative Review of the Impacts of University of Missouri Extension*. Conducted by TEconomy Partners. View report at extension.missouri.edu.



The Answer Is!

† Abby Verslues learned leadership and public speaking through her Chi Omega sorority — vital skills for presenting health-careers programs to middle school students. The young scholars can win prizes, and teachers like the program because it helps them counsel students about taking science courses before college.

A covey of Smithton Middle School students perched in the back row of Michele Winters' eighth-grade classroom slump in their chairs. They pay no attention to the brochure Abbey Verslues has just given them.

Verslues, BHS '17, a physical therapy graduate student, stands before the class in Columbia and lays out an array of Mizzou-themed prizes: a shirt, pencils, pompoms. She is about to launch into a gamified quiz called Who Cares for Me? A Health Care Careers Game, which she and other School of Health Professions (SHP) students developed in 2017. Their motivation: When many middle schoolers think of health careers, they imagine only doctors and nurses. If those professions don't incite their curiosity, they might disregard the whole health-care field, including the dozen career paths available through SHP. The brochure limns them all.

Verslues makes the next move by outlining each profession and the kinds of patients they treat. Then, as the quiz phase begins, a student rolls dice to decide which question Verslues will ask. Each query is a scenario corresponding to a career. But which one? The first stumps the class (Spoiler alert: Applied behavior analysts can help children learn not to throw violent tantrums). After a second false start, Verslues gives the class two minutes

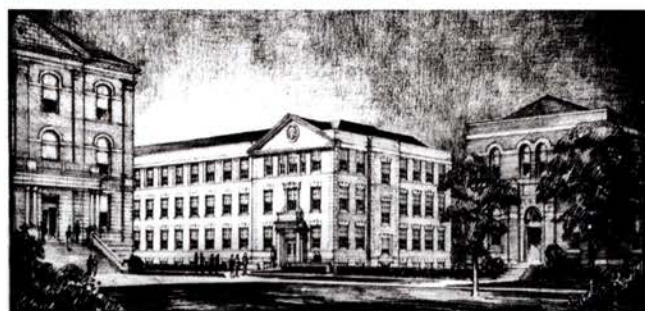
to study the careers brochure.

Suddenly, the slumping students are flipping through the brochure and, when the next question comes, hands shoot up five and six at a time. "I love seeing students get excited," Verslues says. — Erik Potter

SOCIAL OR ANTI-SOCIAL? In a two-year study, Michael Kearney asked a burning question of our digital age: Does spending more time on apps such as Facebook and Snapchat lower the quality of users' in-person interactions? The assistant professor of journalism followed 2,774 randomly chosen participants' social media use from 2009 to 2011. He found no link between social media use and changes in direct social contact. In general, their feelings of social well-being increased. "People are spending increased amounts of time using the internet and other media that may replace the time they could use for speaking face to face," he says, "but that doesn't mean that they are worse off for it."



Music Turns 100, Education 150



← Clockwise, from top left: The Cadet Band, under the direction of Frederick Pannell, performed publicly for the first time in 1886. Lathrop Hall, a refurbished three-story men's dormitory, became the home of the Department of Music in 1924. Construction of Hill Hall, named for A. Ross Hill, dean of the College of Education from 1903 to 1907 and president of the university from 1908 to 1921, was completed in 1952. The University Lab School, an on-campus elementary and high school established to provide classroom experience for teachers in training and a venue for educational experimentation, was re-established in 1904.

Conducting Tonight: Count Dracula

Michael Budds has taught almost every School of Music graduate of the past 35 years. Yet the Curators' Teaching Professor of Musicology couldn't track down anyone who had a photo from a Halloween concert, circa 1980, when the orchestra conductor, dressed as Count Dracula, arrived on stage in a coffin. But it wasn't for a lack of trying.

In preparing for the school's centennial, Budds contacted over 2,000 alumni in search of anecdotes about lessons, classes and ensembles. He heard from a concertmaster who remembered when Aaron Copland conducted the University Philharmonic and, on one of the few occasions in his career, narrated "A Lincoln Portrait." He learned that, in 1958, MU was one of the first universities to invite women to participate in the marching band. It wasn't due to feminist sympathies — apparently, there were too few men in the band to form an "M" on the football field. These tidbits and much more appear in the official publication commemorating the centennial, available at music.missouri.edu/centennial.

The latest: In April 2018, the school broke ground on Phase I of its new facility, which will include academic and rehearsal spaces, learning labs, a recording suite, offices and a traditional recital hall.

Investing in Education

The University of Missouri was one of the first state universities to establish normal instruction for educators at a collegiate level, and for the past 150 years the College of Education has prepared the succeeding generations of teachers — along with policymakers, educational researchers, guidance counselors, school psychologists, administrators, librarians, user-experience experts, leaders and scholars.

"People assume our only programs are related to the teaching workforce," says Dean Kathryn Chval. "That's an important part of what we do, but they don't recognize the diversity of our five academic units or our many outreach programs." For instance, Adventure Club, ParentLink, Mizzou K-12, and the Hook Center for Educational Leadership and District Renewal are community programs that support the college's mission.

To celebrate the college's history and its foundation for the next 150 years, staff created a timeline that highlights when A. Sterl Artley, author of the famous *Dick and Jane* series, joined MU's faculty; when Norm Gysbers, known today as the "father of school guidance programs," pioneered the practice; and when Associate Professor Tom Kochtanek taught the first online course at the University of Missouri, "Information Science 334, Library Information Systems." View the timeline at education.missouri.edu/150. — Kelsey Allen, BA, BJ '10



† Adam Saunders, BSF '08, MS '10, is spearheading a campaign to construct a 10-acre, multimillion-dollar agricultural park in the city of Columbia. The root of his skills for civic life took hold during his student days volunteering for Sustain Mizzou.

Ag Goes to the City

Every spring for the past decade, Adam Saunders and a team of gardeners have broken ground at the Columbia Center for Urban Agriculture (CCUA), which he co-founded in 2008. As the center's development director, Saunders collaborates with local groups to promote healthy diets, a sustainable environment, and an increased understanding among consumers and the farmers who grow their food. This spring, Saunders, BS, BSF '08, MS '10, also celebrated groundbreaking on the construction of a 10-acre agricultural park in Columbia.

Saunders, who earned degrees in forestry and statistics at MU, got leadership experience while volunteering for Sustain Mizzou, a student group. "My education pushed me to be a better writer, communicator and planner," he says. "I learned all the basic things you need to operate a business or organization in a civic role." Back in 2008, when CCUA had a mere tendril of a budget and an all-

volunteer team, he helped the group establish its 1.3-acre urban farm at 1207 Smith St. The organization now has a half-million-dollar budget and a paid staff of 11. The center grows about 8 tons of food annually for local hunger relief programs, teaches area K-12 students about gardening and healthy eating, and shows income-qualified families how to grow their own food.

For the past two years, Saunders has been extending CCUA's reach by leading the Build This Town campaign for the agricultural park. So far, he has helped raise \$3.6 million for this public-private partnership, enough to construct the park's first stage. When completed, it will feature a covered pavilion for a year-round farmers market and civic events, a multipurpose building with a commercial teaching kitchen, and an urban farm with outdoor classrooms and a nature playground for children.

— Jack Wax, BS Ed '73, MS '76, MA '87

Twitter Buzz About #Mizzou

@Mizzou Softball

✔ new leader in place
✔ plan in place #Mizzou
Softball is ready to roll under new head coach @CoachLarissaA #ShowMe 🍷 🍷 🍷

@HenryRothenberg

It's a all @MizzouAlumni cast on @NC5 in Nashville this evening as @NC5_DanKennedy is filling in for sports alongside myself & @NC5_EmilyLuxen. #MIZ #ZOU #Mizzou #MizzouMade #TVnews



@Knott_Katherine

Yes, I did see a man in a @Mizzou shirt at Stonehenge and did the M-I-Z chant. #winning

@AndrewABC17

#Mizzou distance star @KarissaSchweiz4 is the 2018 Kiwanis Club Don Faurot Sports person of the Year! She's also a 6-time national champion and 10-time All-American.

@jennagrundtner

Was asked to speak to a group of summer welcome students today and I low-key (by low-key I mean very noticeably) choked up talking about how much I love @Mizzou lol senior year I'm not readyyy

@meadowsanders

Pros and cons of summer welcome at @Mizzou so far:
Pros: overall amazing experience, everyone's been incredibly nice and welcoming. Cons: I have to go home for another month before I can actually live here



It's in the Genes

St. Louisan Rachael Hillyer was quick to settle on an academic path — her very own combination of nursing, genetics and research. She appears to have inherited her mother's love of the nursing profession. And at her high school, Cor Jesu Academy, she explored genetics while helping to conduct research at the Donald Danforth Plant Science Center.

Now at MU, she is the Sinclair School of Nursing's first Discovery Fellow, a new program that pairs top Mizzou students with research mentors. Hillyer works with Professor Jane Armer, a member of the Sigma Theta Tau International Nurse Researcher Hall of Fame. "I'm learning so much from the research I'm doing, but I'm learning even more just from being near Professor Armer," Hillyer says. Armer studies lymphedema, or swelling caused by a damaged lymph system, often as a result of cancer treatment. The condition can lead to serious infections and loss of mobility.

As a freshman during the 2017-18 academic year, Hillyer's fellowship included attending breast cancer support groups, talking with research participants about lymphedema, transcribing interviews and creating a poster that presented research results for World Lymphedema Day in March. Hillyer's plans include working as a bedside nurse, but before she graduates, she'd like to study the genetics of lymphedema. "Eventually, I see myself doing more research because I love the independence it brings," she says. "And I love discovering new things."

↑ Engineering student Jacket Dembys orbits a phone running an experimental app around the arm of undergraduate researcher Rachael Hillyer. Dembys measures the circumference of Hillyer's arm bedecked in a patterned sleeve, as lymphedema researcher Jane Armer looks on.



A CUT ABOVE In a USDA prime performance that was trim, muscular and of the highest quality, the Mizzou Meat Judging Team won the 2018 Southeastern Intercollegiate Meat Judging Contest held April 6-7 at Ohio State University and the University of Kentucky. The overall prize arose from a herd of smaller honors, with the squad roping top spots in beef judging and pork judging, second in specifications and reasons, and third in beef grading. Congrats to Ryan Bardot, Tim Davis, Logan Meier, Abbey Rathert, Teagan Schnurbusch and Hadley Williams.

BRIEFLY



This summer, arborists took the safety precaution of removing five of the 20 pin oak trees that have lined Francis Quadrangle since the 1950s. "These trees are important to Mizzou's most historic space," says Pete Millier, who directs the **Mizzou Botanic Garden**. Unfortunately, he says, the trees are nearing the end of their lifespan. Replacements for the first five, and for the rest to be removed later, will hail from the white oak family, which can live 200 years in urban environs. To cover costs of removing old trees and planting new ones, the university launched the Legacy Oaks of the Francis Quadrangle fundraising program. More: 573-884-2355

MU has won a five-year **\$1 million** Howard Hughes Medical Institute grant to boost science engagement among underrepresented ethnic minorities, first-generation college students and working adults with families. The initiative will build relationships with community colleges, historically black colleges and Columbia's public schools, and will train faculty and advisers. It also will seek to retain undergraduates by developing peer mentoring networks; leadership experiences; and programming that reinforces inclusion, diversity and equity.

MU has filled several leadership posts. **Kamrhan Farwell** is the new chief marketing and communication officer for both the University of Missouri System and MU campus. She was assistant vice chancellor for communications at the University of Pittsburgh. **Andrea "Andy" Hayes** is assistant vice chancellor for Civil Rights, Title IX and ADA. **Latha Ramchand** is provost and executive vice chancellor for academic affairs. She was dean of the University of Houston's College of Business. **Sarah Thompson** is dean of the MU Sinclair School of Nursing. She comes from the University of Colorado Denver, where she was associate vice chancellor of health professions and professor in the College of Nursing.

Mizzou will invest \$750,000 to open a bricks-and-mortar **Teaching for Learning Center**, which already has a virtual presence. The center will provide professional development and teaching assistance programs for MU faculty, teachers and instructors. "We already have great teachers providing quality instruction to our students, but we feel strongly that our faculty should have continuous opportunities to grow, innovate and develop themselves professionally," says Jim Spain, vice provost for undergraduate studies.



Framework for Frankness

† Student Marcelese Cooper reads a poem about growing up as a black person in America to faculty and staff at a CitizenshipToo event in the MU Student Center.

When teaching public policy classes, Lael Keiser often deals with controversial subjects, among them, racial discrimination. Such topics arise in many classes, and they make faculty nervous. “They don’t feel confident tackling those issues without offending someone,” says Keiser, who directs the Truman School of Public Affairs.

A new professional education program, CitizenshipToo, is on tap to help. The 90-minute sessions are framed around Mizzou’s core values of respect, responsibility, discovery and excellence. The instruction is for faculty and staff, but the focus on those values is provided by students who perform in Talking Drum, a band that is part of the program.

For instance, African-American band member Doug Blakely, speaking on the value of respect, tells the story of an interview with a professor: The questioner said, in a surprised tone, “You speak very well!” The remark was intended as a compliment. But the student sensed the professor had lower expectations regarding his speech, and possibly more.

A white band member, Isaac Van Dyne, talking about discovery, recounts the day he and a friend were invited to perform in the band at a black church. They had never been to an African-American service and knew no one in the congregation, but they dove in. The service was long, the music fast, and they struggled to keep up.

They were stunned afterward when the pastor asked, “See you again next week?” They played the rest of the summer, improving each week and developing a love for a new style of music.

In surveys, 90 percent of attendees say CitizenshipToo helped them better embody Mizzou’s values. “It reinforced my desire to keep bringing these ideas into the classroom,” says Keiser, who attended a spring 2018 session. “It gives a framework for these discussions. I think it would have been great to have for a long time.” — Erik Potter

CUTS AND INVESTMENTS

Facing a shortfall of nearly \$49 million, MU’s fiscal 2019 budget contains not only cuts but also investments in priorities such as scholarships and research. Cuts, which varied across units, ranged as high as about 12 percent. More than 185 positions were eliminated, including about 30 layoffs. Chancellor Alexander Cartwright expressed appreciation to Missouri legislators for maintaining support for higher education statewide. “You cannot cut your way to excellence,” he says. “We continue to move forward with major investments.” For starters, the new budget includes more than \$100 million in scholarships for undergraduates and support for graduate students, an increase of roughly \$8 million. (Learn more about Cartwright’s priorities on Page 18.)

EDUCATION AS ANTIDOTE

Jennifer Allen sees up close the heavy toll that opioid abuse exacts in Hannibal, Missouri, and Quincy, Illinois, where she practices family medicine. “A lot of people have told me, ‘I’ve lost my wife, my children because of my drug problem. I need help,’ ” says Allen, BA ’87, MD ’94. But when it came to treating this epidemic, she saw herself as “an old-time doc in a new-time world.” She wasn’t the only one. In 2016, Missouri ranked No. 14 nationwide for prescribing opioids, and overdoses from synthetic opioids rose from 183 in 2015 to 441 in 2016. The School of Medicine’s Show-Me ECHO program jumped in to help Allen and others in the same situation. ECHO (Extension for Community Healthcare Outcomes) schedules videoconferencing sessions in which experts in Columbia teach participants across Missouri about the latest opioid treatment techniques and best practices in medicine, pharmacology and psychology. (Previous ECHO programs covered asthma, autism and pain management.) The sessions have paid off for Allen, who not only is better equipped to deal with the opioid crisis but also feels hopeful that she can begin to shift public perceptions about addiction.

MU, Greeks Collaborate on Reform



Fraternities and sororities nationwide do much to foster leadership skills and social connections, yet some also struggle with academic performance, hazing and alcohol abuse. Having recognized the need to transform MU’s Greek system, university leaders commissioned Dyad Strategies to perform

a risk assessment of the group. A 40-member task force of administrators, Greek community members and interested others used Dyad’s report to formulate recommendations for reforms they’ll discuss with fraternities and sororities.

The proposals, released July 31, seek not only to strengthen fraternities and sororities but also to make strides in student learning and safety in key areas: preventing hazing, advancing diversity and inclusion, reducing alcohol and other risks at events, rescheduling some functions to help freshman start strong academically, and permitting freshman to live only in chapter houses that have demonstrated an academically and socially conducive environment.

Task force member Bruce McKinney touts the recommendations as championing a return to traditional values. “The original Greek pitch was that the university is a big place, but we can break that down and surround you with people of character who can mentor you in constructive ways and have fun while you’re doing it.” Fraternities and sororities can constitute “a relevant, value-added and safe supplement” to academics, he says. “If you don’t have that, why do you have Greek life?” *More: fsl.missouri.edu*

TALKING UP COLLEGE



† From left, Payton Covert of the Missouri College Advising Corps counsels students Jenniece Boone and Talynn Simen at Fort Osage High School in Independence, Missouri.

On average, each school counselor in the U.S. serves 482 K–12 public school students. By the time counselors have done the course scheduling, academic testing and personal counseling, little time remains to talk about college. Now, however, 40,436 Missouri high school students in 43 high schools statewide work with the Missouri College Advising Corps (MCAC). This University of Missouri program, now 10 years old, hires recent college graduates to advise low-income, first-generation and underrepresented students on applying to college and covering the costs. Since 2008, MCAC has helped more than 20,000 students enroll in college.

As the program enters its second decade, MCAC placed advisers in five more rural areas this year. In general, program schools see a 4 percentage point increase in their college enrollment rates after three years of having an adviser, but rural schools see a 9 percentage point increase. The program recently joined MU Extension, where it can benefit from MU’s network of county extension centers and collaborate with experts in specialties including financial planning and youth development, says Jerron Johnson, MCAC’s director.

It’s all about creating a positive college-going culture, says Renelle Theard, who spent two years as an adviser at Sikeston High School. “At a small school in a small town, a lot of students look up to juniors and seniors. Once the juniors and seniors started to get to know me and how I could help them, they’d say, ‘It’s OK to ask questions. Go talk to Ms. Theard.’ And soon, not only were students telling their friends about me but also about College Application Week, financial aid and FAFSA events.” — *Kelsey Allen, BA, BJ ’10*



Rx BASEBALL

† Dream job — that's how Brian Mahaffey, MD '93, refers to his role as St. Louis Cardinals team physician.

Brian Mahaffey was a baseball star at Missouri State University, earning first-team all-conference honors three times. But after his junior year, during a summer stint in the Jayhawk League, where college baseball's hottest prospects sharpened their skills, Mahaffey saw — or, more accurately, heard — the future. “When you start hearing pitches instead of seeing them, you start thinking you need to study a little harder,” Mahaffey says with a laugh.

Mahaffey chose a career in medicine, but he didn't give up baseball altogether. He became the head primary care team physician for the St. Louis Cardinals, and in January he was inducted into the Missouri Sports Hall of Fame.

After earning a medical degree from the MU School of Medicine in 1993, Mahaffey stuck around for a residency in family medicine and a sports medicine fellowship.

“There are four things you need to be really good,” says Rex Sharp, Mizzou's associate athletic director for sports medicine. “No. 1, you've got to be accessible. No. 2, you've got to be knowledgeable. No. 3, you need the ability to communicate injury information in a way that athletes can understand. And No. 4, you've got to love sports. Brian was just the epitome of all those things.”

Mahaffey parlayed the experience he gained at

Mizzou into his first dream job, serving as the head team physician for Missouri State athletics. He also practiced at Mercy Hospital Springfield, which partnered with the Springfield Cardinals — the Double-A affiliate of the St. Louis Cardinals.

That led, in 2013, to his second dream job. He leads a team of four primary care physicians who care for the big leaguers. He also coordinates treatment for the more than 200 players throughout the Cardinals system. “I get up every morning and love what I do,” Mahaffey says. “What I learned at Mizzou really helped me to grow in that medical community and have that great foundation.” — *Joe Walljasper, BJ '92*



† A new book by St. Louis Post-Dispatch columnist Benjamin Hochman, BJ '02, offers an episodic history of Cardinal baseball.

HALL OF FAME COACH As a student at the University of Kentucky in the 1980s, Ron Lykins had to fulfill a volunteer requirement to pass a class. He had no car, and the school's wheelchair basketball team practiced nearby, so he offered his services. “I went in thinking, ‘I'll get this done, and so be it,’” says Lykins, who has coached Mizzou's wheelchair basketball team since 2009. “I didn't know it was going to change my life.” In March, the National Wheelchair Basketball Association inducted him into its Hall of Fame. Lykins' coaching credentials include leading the U.S. women's team to Paralympics gold medals in 2004 and 2008 and guiding the U.S. men to gold in the 2016 Games.



Strong Mind for a Strong Body

The stereotypical sport psychologist is the fixer of athletes who suddenly can't complete an easy throw to first base, hit a crosscourt forehand or sink a 3-foot putt. Scotta Morton, the Missouri athletic department's director of mental performance, sees her role differently. She's into construction more than repair. "We want to build these personal resources now so we don't have to fix them later," Morton says. "For the same reason we have a strength-and-conditioning program and a nutrition program, we're here to help them get better."

Morton played basketball at Montana State. Back then, her only brush with sport psychology came when her coach told her to seek help after a night of bad shooting. Mizzou's mental performance program is designed to avoid that scenario.

Morton, who earned a doctorate in sport psychology at MU in 2014, oversees three mental performance coaches who each work with multiple athletic teams. They attend practices and coaches' meetings and sometimes even travel to road games, as Morton does with the women's basketball team. They are ingrained in the athletes' everyday lives.

"When we're done with the shoot-around and getting ready to huddle up, I can say, 'Scotta, my shot's not falling, and I'm really frustrated. Can you give me some pointers?'" says Lauren Aldridge, point guard on the women's basketball team. "As athletes, myself especially, I reach the point where I'm about to jump off a cliff. Scotta is that gentle voice of reason when everything around you is going crazy. She's like, 'You missed some shots in a shoot-around. I don't see what the problem is. Your time is coming.'"

Morton talks to athletes repeatedly about their character and values, driving home the point that last night's box score doesn't define them. "She

deeply cares about the athletes on a personal level and on a sports level," Aldridge says. "She's hands-on from the start about, 'How can I make you a better person. How can I grow you as a young lady who will be in the work force one day?' I just think she has a heart of gold." — Joe Walljasper, BJ '92

↑ Scotta Morton, right, director of mental performance, works with Tiger basketball player Lauren Aldridge.

GRIT AND KICK As she circles the track, Karissa Schweizer's face rarely reveals the strain of elite competition. She makes running long distances in short times look easy. But late in the last race of her college career, her placid demeanor had changed. Running in second place on the final turn of the 5,000-meter run at the NCAA Championships on June 9, Schweizer gritted her teeth and surged into the lead. Then, in a fitting sign-off for a runner known for her finishing kick, she pulled away to win her sixth NCAA title in 15:41.58. She is MU's most decorated Tiger athlete ever. "It means the world to me to have been able to cap off my Mizzou career on top of the podium," Schweizer says.



Scoreboard

1 — Number of Missouri Tigers selected in the NFL draft. The Green Bay Packers picked wide receiver **J'Mon Moore** in the fourth round with the 133rd overall choice. Moore finished his MU career with 2,477 receiving yards and 21 touchdown catches.

6 — Career NCAA titles won by Mizzou track star **Karissa Schweizer**, the most by any athlete in school history. Schweizer claimed three national titles as a senior, winning the 3,000 and 5,000 meters indoors and the 5,000 meters outdoors.

12 — Consecutive NCAA Regional appearances by the **Mizzou softball team**. MU's season ended with a 30-29 record after a regional loss to Oklahoma. After the season, athletic director Jim Sterk announced that Hofstra University's **Larissa Anderson** would replace interim coach Gina Fogue. Anderson led Hofstra to a 41-14 record and an NCAA Regional berth in 2018.

14 — Spot in the first round of the NBA draft where the Denver Nuggets picked Missouri's **Michael Porter Jr.** Before his freshman year, Porter was projected as the potential top overall NBA selection, but a back injury likely lowered his position in the draft.

Mizzou: Our

How did the Mizzou community follow a record-breaking year in giving? **By setting a new record.**

At a special event on July 11 in the rotunda of Jesse Hall, Chancellor Alexander N. Cartwright announced that the University of Missouri raised more than **\$147 million** in cash gifts during fiscal year 2018, **breaking the previous record of \$121 million** set in 2017 by 22 percent. The university's fundraising success pushed the Mizzou: Our Time to Lead campaign total past the \$1 billion mark. The campaign was launched in October 2015 with an overall goal of \$1.3 billion.

"The support of the Mizzou community is remarkable," said Cartwright. "It has been a pleasure to meet MU alumni and friends during my first year here and learn what the university means to them. Their generosity opens doors for student success and helps Mizzou solve the grand challenges facing Missouri through education, research and outreach. We cannot thank our community enough for its support."

Davida Layer, chair of the board for the David B. Lichtenstein Foundation and a member of MU's campaign cabinet, also spoke at the event. "As an alumna, I am just one of thousands of people around the world who are proud of MU's past and excited for its future," she said. "Mizzou is a special place. I've never been prouder to be a Tiger."

When pledges are included, the university raised nearly **\$162 million**, the third-highest total in university history and an increase of \$10 million from fiscal 2017. More than 43,000 donors made nearly 77,000 donations, pledges and estate gifts during the fiscal year. This is the fifth year in a row donors have made 20 or more gifts of at least \$1 million to MU.

For example, in September 2017, David and Wendy Novak donated \$21.6 million to create the **Novak Leadership Institute** at the Missouri School of Journalism. Named for David Novak, retired chairman and CEO of Yum! Brands, the institute combines the reputation and resources of the world's first school of journalism with Novak's industry-tested principles of leadership.



Davida Layer

Smaller gifts also contributed significantly to the university's fundraising total. **Mizzou's Columns Society**, which recognizes donors with an annual giving total of \$2,500 or more, reached 3,630 members, the highest membership total in its five-year history. This year's **Mizzou Giving Day** raised 4,065 gifts totaling more than \$13.7 million, surpassing last year's total by more than \$5 million.

"Our success is a testament to the passion of our alumni and friends," said Tom Hiles, vice chancellor for advancement. "We work every day to match donor interests with university priorities. We will make Mizzou stronger and **exceed our \$1.3 billion campaign goal by 2020** thanks to the generosity of our supporters and the hard work of our dedicated staff of advancement professionals."

Time to Lead

CAMPAIGN UPDATE

Top Priorities

The Mizzou: Our Time to Lead campaign seeks to raise \$1.3 billion for the university. The question isn't whether the Mizzou family will meet the goal, but how far we will run past it. To make the best use of this remarkable generosity, the campaign focuses on four priorities:

1 Endowment — Building MU's endowment to compete with other institutions will enhance our ability to attract and retain stellar students and faculty.

\$1.02 billion of \$1.2 billion goal

2 Signature Centers and Institutes — Interdisciplinary centers and institutes will be engines of research growth that attract additional funding and raise our profile in the Association of American Universities (AAU).

\$93.4 million of \$100 million goal

3 Campus Renaissance — New and renovated facilities will propel Mizzou to global leadership in education and research.

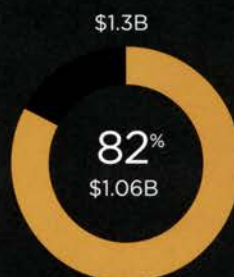
\$177 million of \$250 million goal

4 Student Support — Providing Mizzou students access to world-class learning opportunities, in and out of the classroom, will ensure they thrive on campus and throughout their lives.

Goal to be determined

Taken as a whole, these priorities represent the path to securing Mizzou's standing as one of the nation's elite public universities. Learn more about the Mizzou: Our Time to Lead campaign and the role of philanthropy on campus at giving.missouri.edu.

Overall Campaign Progress



MIZZOU
OUR TIME TO
LEAD

*As of July 1, 2018.

UNIVERSITY — FOR — MISSOURI

■ Chancellor Alexander N. Cartwright's bold vision for Mizzou prioritizes innovative, hands-on student learning; embraces strategic investments in collaborative research and creative initiatives; and grows the university's community engagement to maximize societal impact. Story by Gordy Sauer



CLOCKWISE FROM TOP LEFT: KYLE SPRADLEY; ROB HILL; RACHEL COWARD; JIM YATES; NICHOLAS BENNER; SHANE EPPING; NICHOLAS BENNER

Back in 1839, when 900 Boone County citizens asked the General Assembly to establish the University of Missouri in Columbia, they rallied around a brand of education that would grow into today's mission centered on accessibility, societal impact and excellence. Now in his second year at the university, Chancellor Alexander N. Cartwright is reaffirming that mission.

"We are Missouri's flagship university — a comprehensive, land-grant institution that's a leader in agriculture and science as well as the arts and humanities," Cartwright says. "We are a university that's accessible to the people of the state, extending knowledge out and learning from the communities that invest in us. And we have a responsibility and a passion to do even more."

Cartwright's vision for Mizzou builds on the university's strengths while charting a path to the future that embraces change. Through data-informed decisions and a focus on measurable outcomes — from graduation rates to economic impact, enrollment to employee satisfaction and everything in between — Cartwright is redefining excellence when it comes to addressing three of Missouri's

most critical needs: the economy, education and health care.

The chancellor's platform for growth includes initiatives focused on student success, research, creative works and engagement. It's a challenge Cartwright is ready to tackle.

"The world around us is changing more rapidly than universities are accustomed to," he says. "We are ready at Mizzou to up our game and focus on the future state of higher education. We can make the university a leader in that landscape and a resource for all."

With world-class faculty and staff whose research and teaching impact many, and as the only public institution in Missouri that's a member of the prestigious Association of American Universities (AAU), Mizzou is already a global contributor to knowledge, the economy and solutions to the world's grand challenges. But Cartwright emphasizes that only by becoming a better steward of tax dollars and providing opportunities that reflect today's dynamic needs will the university fulfill its responsibility — one dedicated to the long-term public good.

"Our job is to foster the educational, cultural and research distinction of this great state," Cartwright says. "Universities are about people — students, alumni, faculty, staff and those living in the many communities we impact. Together, we can enable the vision of us not just being the University of Missouri but the University *for* Missouri."

Clockwise from top left: The Raptor Rehabilitation Project heals injured birds; Mizzou's iLab makes the classroom a 3D virtual world; a new graduate poses for the perfect photo; today's KOMU student news anchors become tomorrow's journalists; undergraduate researchers work alongside Zhanyuan Zhang, research professor in the Division of Plant Sciences; graduate student Eimear Arkins has toured Europe and the U.S. performing traditional Irish music; fireworks explode over Memorial Union; Cartwright stands beneath Memorial Union's arch; Academic Hall, pictured before the 1892 fire that destroyed all but the Columns.





■ AMPLIFYING STUDENT EXCELLENCE

Affordability, accessibility and hands-on learning are Cartwright's pillars of student success.



↑ During Micheala Sosby's semesterlong NASA co-op, she took her Mizzou education to universal proportions, helping relay NASA's mission to American households.

Although worlds away from Missouri, outer space is just another part of the job for Mizzou's Micheala Sosby, BJ '16. In spring 2018, she participated in a co-op at NASA through the Crosby MBA program. Combining her undergraduate journalism degree with her graduate business experience, Sosby helped NASA with communication and public relations work. Her hands-on educational venture exemplifies the Missouri Method of learning by doing.

Expanding experiential learning and offering numerous pathways for students to achieve their educational goals is integral to Chancellor Cartwright's vision for student success. Whether in agriculture, medicine, music, journalism, teaching or business, the widespread availability of hands-on learning experiences makes Mizzou more responsive to students, giving them a competitive edge both in the workforce and in advanced studies.

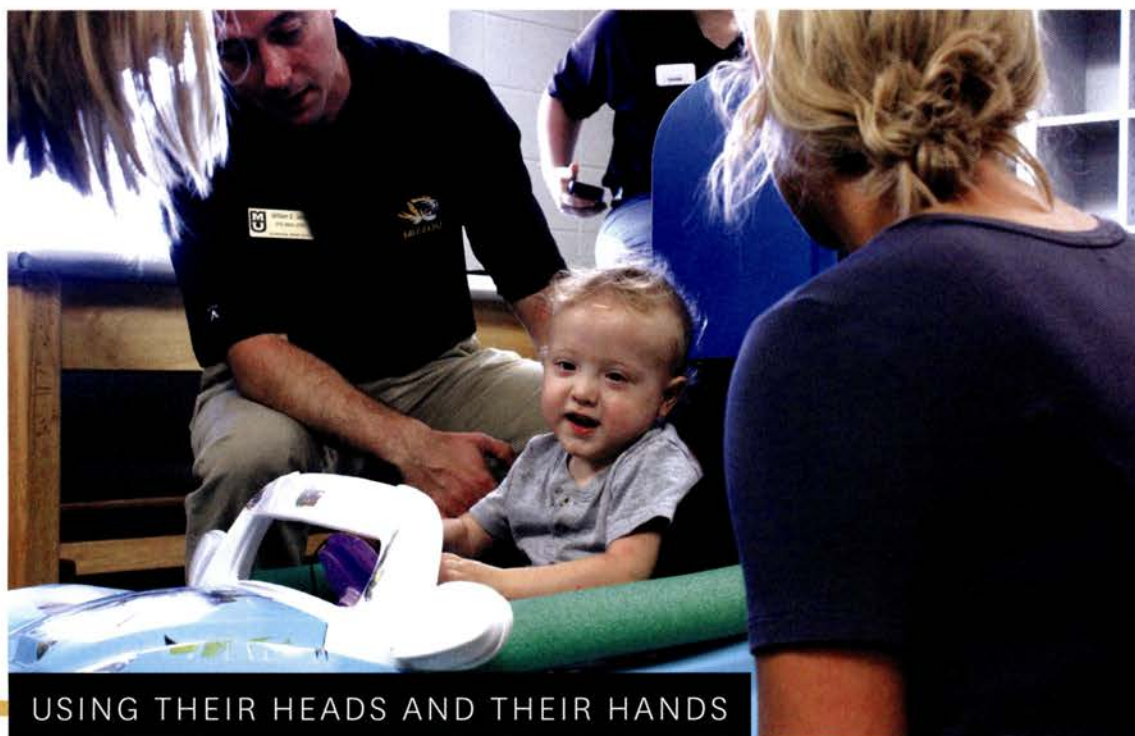
"Our job is to provide students with the best and most dynamic learning opportunities we can," Cartwright says. "The career landscape is changing, and we are creating a multifaceted educational environment that prepares students for that."

Mizzou will create a Teaching for Learning Center to guide its efforts in developing innovative teaching methods. The center will build on and collaborate with MU's Campus Writing

Program, Educational Technologies, and other teaching and curricular initiatives. Among these, Cartwright is creating a one-stop shop for student services, including comprehensive career support to help students take advantage of the extensive opportunities available to them. He's also partnering with the Mizzou Alumni Association to establish the Mizzou Mentoring Program, which will help students build their professional networks.

"We have to prepare each of our students to be adaptable to the jobs of tomorrow — including those that haven't been identified yet," Cartwright says.

Cartwright's plans will supplement steps Mizzou has already taken to ensure Mizzou students excel, such as Freshman Interest Groups, which offer new students a collaborative living and learning community to facilitate their transition to college, and the Peer Undergraduate Mentoring Program, which pairs first- and second-year undergraduates with third- and fourth-year students to enhance academic success. Most importantly, expanding the educational experience and offering flexible paths to learning will increase student retention and graduation rates while lowering costs and other higher education burdens. In this way, students can succeed by focusing on why they are here: their education.



USING THEIR HEADS AND THEIR HANDS

† An interdisciplinary team of Mizzou students from occupational therapy, physical therapy and engineering collaborate with faculty to customize an electrically powered toy car for a child. Through a hands-on learning program called Go, Baby Go!, their goal is to improve the lives of children with limited mobility.



BEYOND THE CLASSROOM

Mizzou is full of exceptional students doing exceptional work. **Ransford Pinto**, a Ghanaian doctoral student in the College of Education, teaches in Mizzou K-12. The program offers students around the world access to online courses for high school credit. After graduation, Pinto wants to take his Mizzou education and experiences back to Ghana. Also pictured is journalism student **Allison Pecorin**, who was named the 25th David Kaplan Fellow and earned a paid internship at the ABC News Washington, D.C., bureau during spring 2018.



MORE THAN A GPA

From college tenures to career placement, Mizzou students are at the top of their class.

1.7 million

Hours Mizzou students served in the community in 2016

4.2 years

Average time to graduate for a Tiger, a figure that beats both national and state averages

20

Percentage of Mizzou undergraduates who study abroad through 275 programs in 48 countries

90.4

Percentage of 2016–2017 Mizzou graduates with bachelor's degrees who found work, continued their education, volunteered with a service organization or enlisted in the military

CUTTING COSTS



Mizzou students borrow 25 percent less than the national average to pay for college, and several of Chancellor Cartwright's new programs and initiatives show his commitment to increasing affordability and reducing debt at graduation:

☀ The **Missouri Land Grant compact** covers tuition and fees for full-time Pell Grant-eligible Missouri residents who qualify for admission.

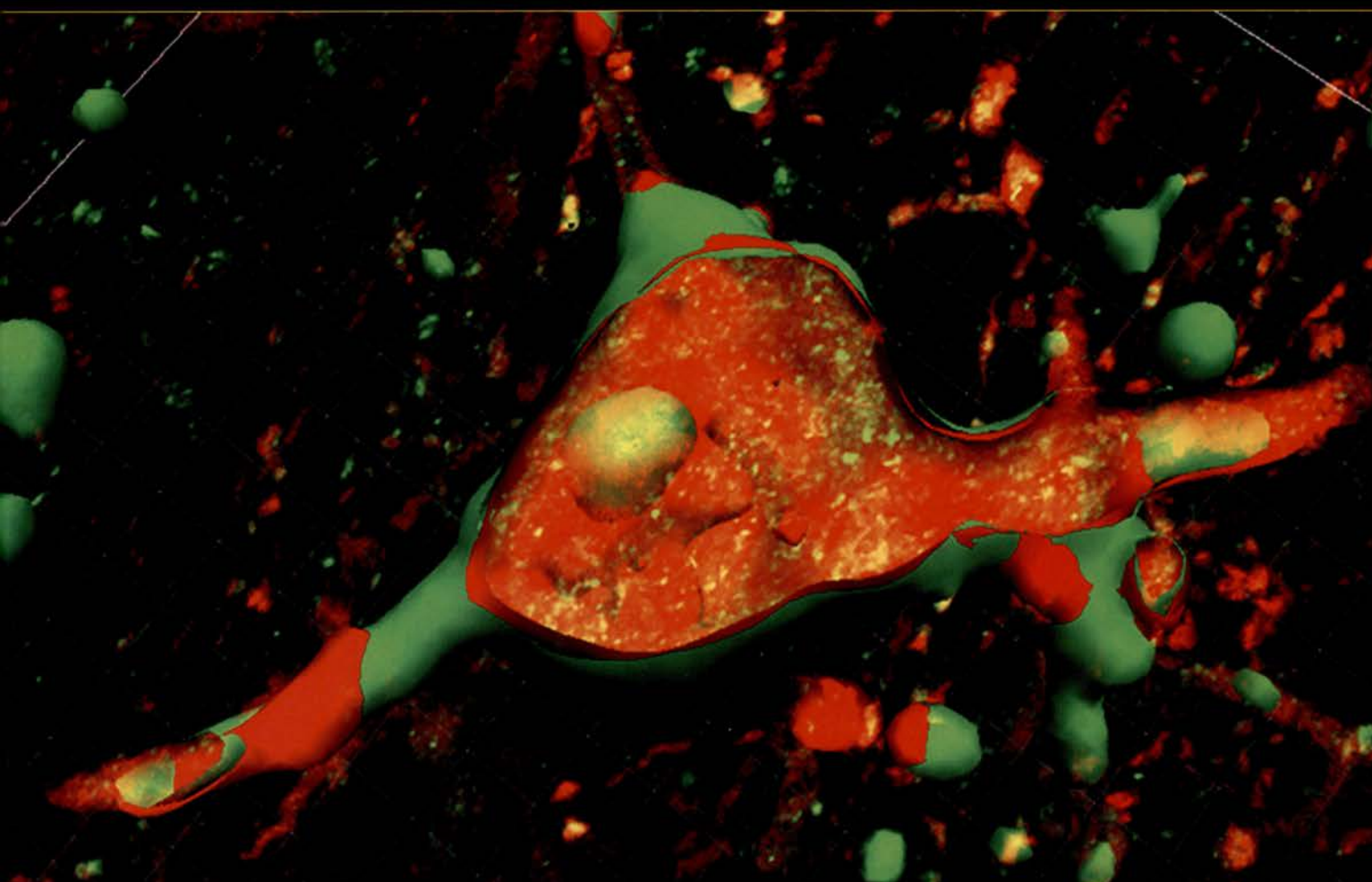
☀ As **Border State Scholars**, qualifying students who live in one of Missouri's eight border states receive tuition discounts.

☀ The **Black & Gold Scholarship** reduces tuition for out-of-state legacy students with ACT scores of 25 or higher.

☀ The **ROTC Scholarship** covers freshman-year room and board for ROTC students who are winners of a national scholarship from the Army, Air Force, Navy or Marines.

☀ **Open Educational Resources** expand access to free or low-cost textbooks and other educational materials campuswide.

☀ A **3.5 percent reduction in room and board** is one of many cost-cutting measures.



■ INVESTING IN DISCOVERY

Strategic investments and increased collaboration will help Mizzou make the life-changing breakthroughs it can.

A

† Equipped with laser technology and capable of super-resolution imaging, Mizzou’s Molecular Cytology Core captures this 3-D rendering of a neuron producing two neurohormones, shown in green and red, to illuminate how brain networks regulate stress and social behavior.

s one of only 62 universities in the AAU and as an institution securing more than \$250 million in research funding this past year, the University of Missouri is poised to solve the world’s pressing problems. To better meet those challenges, Chancellor Cartwright and his team have prepared an accelerated plan to double research expenditures during the next five years. Strategic investments will further cement Mizzou’s contributions to science, technology, arts, humanities, medicine and agriculture. That level of investment will position Mizzou as a global innovator in driving economic growth and discovery.

“With the quality and breadth of our faculty’s research and technologies like our Molecular Cytology Core, we are developing solutions to the world’s grand challenges,” Cartwright says. “Doubling our external research funding will allow us to support pioneering work that contributes so much to society in Missouri and beyond in areas such as human health, food, education and energy.”

For Cartwright, becoming the University *for* Missouri means understanding how the universi-

ty’s research helps others around the world. It also means leveraging Mizzou’s strengths as a comprehensive university to enhance discovery through collaborative efforts. “One of the most powerful ways we can thrive as a university is by creating research opportunities and spaces that bring a broad range of thinkers together,” he says.

In February 2017, Cartwright announced several initiatives to grow research and creative works that will enable Mizzou to attract research funding and promote faculty scholarship on a global scale — all of which help the university broaden its societal impact.

Mizzou has internationally recognized faculty across the arts and sciences who work in top-ranked programs and centers. But for the university to continue to evolve, Cartwright stresses that the people responsible for outstanding scholarship, teaching and economic development need to collaborate more than ever, taking chances and thinking creatively.

“That sounds a lot like Mizzou to me,” Cartwright says.



NEW FACILITIES, NEW POSSIBILITIES

Visible changes are happening at Mizzou, with new projects designed to provide faculty, staff and students the space and resources needed to fulfill their potential. One of MU's — and the University of Missouri System's — most exciting developments in the works is the Translational Precision Medicine Complex. The project, estimated at \$150 million to \$200 million, will align researchers and clinicians in a multidisciplinary setting supported by advanced technology and data-analysis tools. This “bench-to-bedside” model accelerates the development of novel diagnostic tools and treatments, fast-tracking medical applications in clinical settings. Other developments underway or completed include a \$5 million research and training facility for the Thompson Center for Autism and Neurodevelopmental Disorders, a \$30 million Plant Growth Facility and a \$10 million School of Music building.



↑ The Translational Precision Medicine Complex will be a leading center of discovery and a significant public-private partnership that ensures the university and its people are equipped to move research innovations quickly from lab to market.

WORKING (AND THINKING) TOGETHER

New initiatives will bolster success in research and creative works:

- ☀ An Artist in Residence program will bring celebrated artists and creative thinkers to campus to work with students, faculty and staff.
- ☀ The Office for Research Advancement will provide Mizzou's faculty and staff with assistance in pursuing large grants and other support to help them succeed on a global scale.
- ☀ The proposed College of Interdisciplinary and Graduate Studies would provide greater support for collaborative scholarship and research, strengthening recruitment, enrollment and other critical functions that enable graduate students to thrive — whether in the classroom or the lab.
- ☀ An annual Mizzou Innovates competition will engage students, faculty, staff and alumni in conducting research to solve some of Missouri's grand challenges. A symposium will be held following the research projects to present and discuss some of the proposed solutions.



LEADING THE WAY

16

Number of Mizzou faculty members in national academies of inventors, medicine and sciences



James Birchler, Biological Sciences

7,000+

Number of articles published by faculty in the past three years

400+

Number of major national and international awards that faculty have received

500

Number of Mizzou undergraduate students who participate in research each year





■ RESPECTING ITS ROLE, FULFILLING ITS RESPONSIBILITY

Thinking locally increases Mizzou's community engagement and helps broaden its societal impact — in Missouri and across the globe.

C

† Missouri farmers listen to an educational presentation at MU Extension's 2017 Graves-Chapple Research Center Field Day, where topics ranging from herbicide injury to nitrogen application support the growth and success of Missouri's agricultural industry.

hancellor Cartwright believes the university has a duty to give back to the communities it serves through responsible and committed stewardship. To accomplish this, he and Marshall Stewart, vice chancellor of extension and engagement and the University of Missouri System chief engagement officer, focus on helping Mizzou address societal needs by thinking and acting more locally. They have established the All Things Missouri interactive website and formed the Engagement Council, which will use data insights to reach more people with more relevant information and opportunities. They also set up the IMPACT website (engagements.missouri.edu) so that Missourians in every county can find and access the numerous programs MU Extension offers.

"We owe it to Missourians to be good stewards of the priceless resources they invest in us," Cartwright says. "The university has the knowledge and resources capable of serving people around the globe. But the issues facing Missouri's citizens and communities are local. That's why our people and our state-wide network of extension centers tap the knowledge and expertise particular to those local needs,

helping us best serve Missouri and Missourians."

Mizzou has a strong foundation of comprehensive engagement. Continuing education programs, such as training courses for Missouri civil servants, highlight Mizzou's economic contributions to the state. Extension programs, such as the Missouri 4-H Center for Youth Development, and student-driven programs, such as Mizzou Alternative Breaks, which sends over 600 student volunteers a year on service trips across the globe, illustrate the university's reach.

With the All Things Missouri website, the university leverages connections, research and knowledge across Missouri as it recommits to its community-based roots. By collaborating with rural and urban communities on economic development issues and undertaking efforts that reflect the diverse and evolving needs of today's citizens, Mizzou combats some of the state's most pervasive problems, such as rural access to health care.

Although the university's main campus is only 1,262 acres, Cartwright believes Mizzou's reach is limitless — and its impact as hard-working and reliable as the Show-Me State.

A HEALTHY MISSOURI



Individual, family and community health are at the core of MU Extension. Improvements in health care access through the Springfield Clinical Campus and nursing outreach programs directly impact rural Missourians' well-being. Other initiatives in, for example, veterinary medicine and community health and safety allow the state to best serve its citizens. The Fire and Rescue Training Institute helps safeguard every Missouri community, the Law Enforcement Training Institute ensures a protected and equitable environment for all, and continuing veterinary education bolsters the health of Missourians' most loyal companions and valuable commodities. The charge of upholding the health of citizens and communities means thinking beyond a visit to the doctor, and through MU Extension, Mizzou meets that responsibility.



Tama Franklin, BA '87, MD '94, works with MU School of Medicine student Collyn Schafer in her clinic in Springfield, Missouri.

BEEF IT UP

Now celebrating its 20th anniversary as a nationally recognized model for translational research, the Show-Me-Select Replacement Heifer Program gives Missouri beef producers the tools to increase herd production and profitability, generating an economic impact of more than \$150 million.

COMPREHENSIVE ENGAGEMENT

Environmental concerns: From a soil and plant testing laboratory to a Master Gardner program to a project that helps women farmers become better business partners, MU Extension is committed to the fabric of the state and the industry that brings in \$2 billion annually — agriculture.

Educational attainment: Education is at the heart of Mizzou, and learning extends beyond the campus borders to all citizens: 20 percent of Missouri youth participate in a 4-H program. Recent graduates counsel students in high schools statewide through the Missouri College Advising Corps to boost the number of underrepresented individuals who attend and complete college. Missourians and others around the country can even take online courses, such as How to Get an A in Retirement.



Community, economic, business and workforce development: For every dollar Missourians invest in MU Extension, the university creates an \$11 return on investment. This past year, 1.3 million Missourians saw the impact of Mizzou engagement, including a \$200 million boost in sales for Missouri businesses; the creation or retention of 8,000 jobs; and programs such as the Community Arts Program. But the university's impact on communities, businesses and the economy reaches beyond the state: The Mid-America Trade Adjustment Assistance Center helps manufacturers around the Midwest remain competitive against domestic and global imports.

REAL DOLLARS, REAL EFFECTS

2.33 million

Grants, resources or efficiencies acquired by Missouri communities and organizations through MU Extension in FY 2017

11,000

Emergency responders in Missouri trained by MU Extension in FY 2017

1,626

MU-trained physicians practicing in Missouri in 2018

2.1 million

Annual economic impact per physician

80 million

Annual savings across 2,000 Missouri crop producers through MU Extension's Integrated Pest Management Plant Protection for the 21st Century

13.7 million

Dollars raised in March during Mizzou Giving Day

1 billion

Fundraising total to date in the Mizzou: Our Time to Lead campaign

Passion Meets Purpose

A chocolatier and a child development researcher would seem to have little in common. One left a lucrative career to chase a wild dream. Another flipped convention in following a different path. Yet, despite their different stories, they share a common trait. Each stumbled on their purpose in life and were brave enough to follow it. Story by Erik Potter

Studying What Works

VELMA MCBRIDE MURRY

Long before she was a leading professor of human organizational development at Vanderbilt University, Velma McBride Murry was a curious college grad in a Memphis, Tennessee, classroom. Where others saw children stuck in poverty and wondered what went wrong, McBride Murry asked a more startling question.

Speaking to the Spirit

McBride Murry, MS '85, PhD '87, grew up in rural Medon, Tennessee, in the 1950s and '60s. She was taught to respect adults, never to curse and always to look out for younger children. She learned these lessons from her parents, her church and her teachers. She saw it modeled by other children and other parents, most of whom were her cousins, aunts and uncles in the small town her father's ancestors helped establish after slavery. McBride Murry soaked up these rubrics, along with the sense that the adults in her life were vested in her success.

After graduating from the University of Tennessee in Knoxville, she started a youth development program in Memphis. Once a month, she'd work with elementary school teachers and their students. Unlike her upbringing in Medon, here she saw poverty, hunger and children returning home from school to take care of still-younger siblings. She also saw resilience.

McBride Murry had read the academic literature, which is full of studies using the "social deficit model" to explain what goes wrong in impoverished communities. McBride Murry turned that convention on its head and asked, "What is going right?" Despite growing up in challenging situations, most of the children attended school daily. They wanted to learn. They navigated their social world. Where, she wondered, did this drive to succeed arise? She couldn't stop thinking about it. "I'm not sure why that spoke to my spirit," she says. "I just know that it did." The question became the driving force behind the rest of her career.

Gathering the Tools

McBride Murry knew she would need more education to tackle her big question. So, in 1983, she came to Mizzou with her husband, Acie C. Murry Jr., PhD '88, and earned a master's and doctorate in child and family development. Then she set about finding answers.

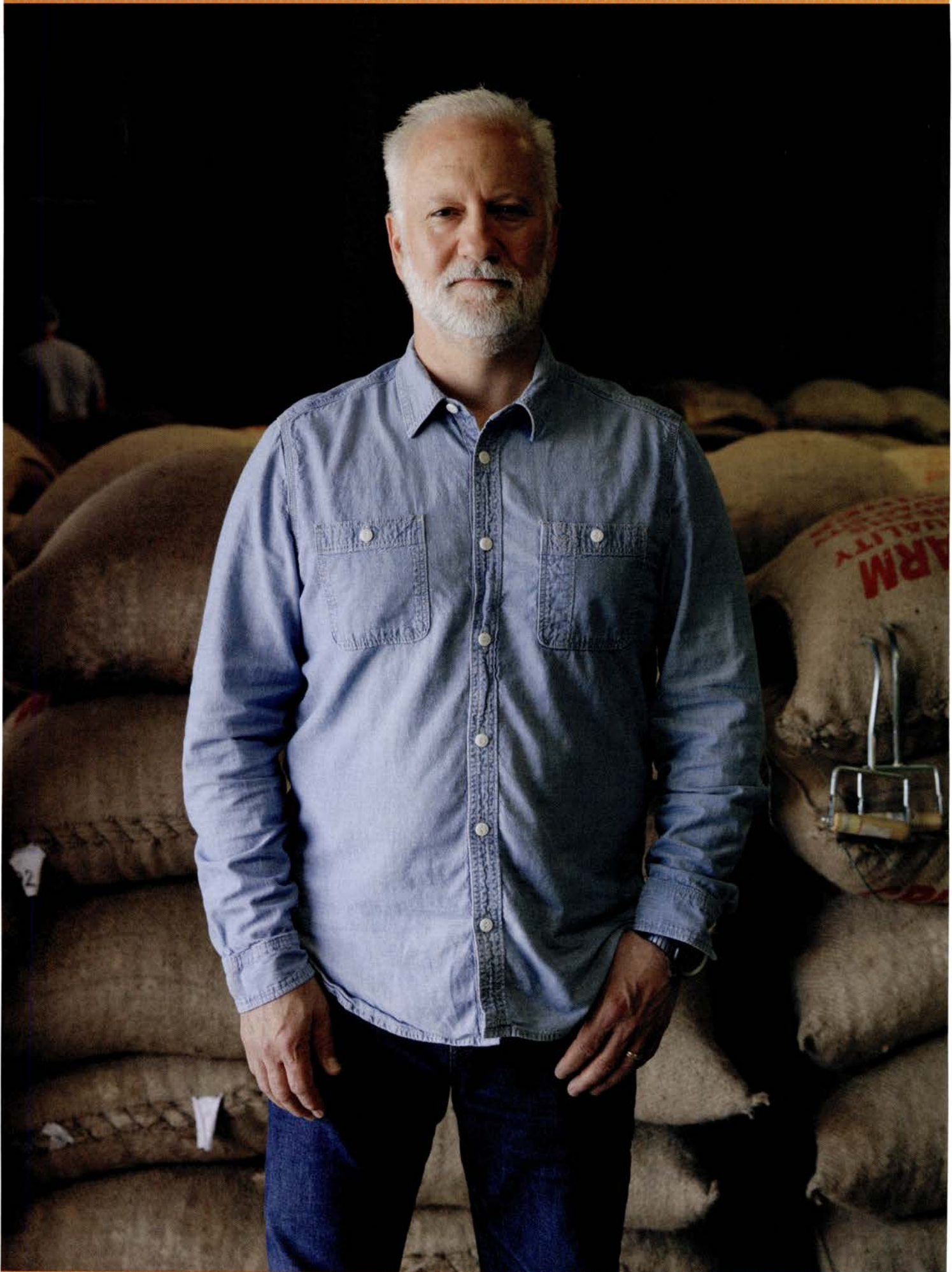
First, McBride Murry launched long-term studies of more than 2,000 families to find themes in how successful families and communities created positive outcomes in children. Then she tested the themes in the real world. In the year 2000, while an associate professor at the University of Georgia, she started following 700 families in rural Georgia. Half of the families were in a control group, which received general educational material. The other half received educational materials from the Strong African American Families program.

The themes promote successful parenting skills for adults and good decision-making among youth. When it comes to child-rearing, the program advises that parents should, 1) build close, supportive relationships with them, 2) teach them to embrace "who they are as a person of color," 3) set clear expectations for behavior, 4) know who they hang out with, and 5) advocate for them. The study's educational materials for children stressed avoiding risky situations and urged developing relationships with academically oriented peers.

Participants who were in middle school when the study started are now in their late 20s. Evidence of the program's value is strong. The study group was more likely to finish high school and either start a career, join the military, or attend college or trade school. She saw almost no teen pregnancy or abuse of alcohol and other substances. "The themes instill in children self-regulative behavior," McBride Murry says. "They have higher self-esteem, self-acceptance and internal protective processes that let them navigate the world in a successful way. There's nothing magic about it."

Now she wants others to adopt the program. "I'd like to embed these programs in primary care settings such that pediatricians have access to them and can recommend them for families." She also wants to embed them in rural churches to offer access through Sunday school. "This is my ultimate dream as I transition to the next stage of my life — I'd like to ride into the sunset and pass the torch."





Sweet Victories

← SHAWN ASKINOSIE

Shawn Askinosie, BA '83, JD '89, began his career as a defense attorney in the 1990s, back when Court TV made television stars out of trial lawyers. He never lost a criminal jury trial and was one of the few attorneys to win a “not guilty” verdict in a death penalty case. Askinosie had a great reputation, a thriving practice and was doing his best work. But, after nearly 20 years of loving his job, he was miserable. So, at the top of his game, he walked away — to start a chocolate company. Sort of.

As a teenager, Askinosie lost his father to cancer. But he followed in his footsteps the way he used the law to serve the wrongfully accused. About 15 years into his legal career, Askinosie started Lost and Found Grief Center, a nonprofit providing grief services to families that have recently lost a loved one. That work, centered on others, freed his mind from what had become an all-consuming question: What will I do next?

When he least expected, the answer hit him.

It came one day in the car — “Why not make chocolate from scratch?” He knew profoundly little about chocolate, not even that cocoa came from a bean. But he liked to grill and bake, and he had a deep admiration for how his grandparents had generously served friends, families and strangers the food they grew on their Missouri farm. He jumped in. Three months later, he was scouting beans in the Amazon rainforest. By 2016, his company had landed on *Forbes*' list of Best Small Companies in America.

It's Not About the Chocolate

Askinosie designed his company to demonstrate, in its every facet, how a for-profit business can do good in the world. He writes about his approach in his book, co-written with daughter Lawren Askinosie, *Meaningful Work: A Quest To Do Great Business, Find Your Calling and Feed Your Soul* (TarcherPerigee, 2017).

Askinosie's company sells chocolate, but it makes community. That's more than pretty corporate poetry. He has built a family-like culture among his 17 employees, who share profits from the business in Springfield, Missouri. It's the same with his suppliers. He shares profits with his cocoa growers, whom he visits annually, totaling 39 trips to Ecuador, Tanzania and the Philippines in the past 11 years. In Tanzania and the Philippines, Askinosie has developed partnerships with local parent-teacher associations to help fight hunger in schools. The associations make products — premium rice in Tanzania, hot chocolate tablets in the Philippines — that Askinosie ships for free to the U.S. with his cocoa beans. He sells the products online and returns all the profits, which the associations have used to provide half a million meals to students.

The chocolatemaker also welcomes young people from his Springfield neighborhood and teaches them about chocolate and business. And every summer, he takes a group of local high school students and one college student — for free if they can't afford it — to Tanzania.



↑ On a July 2017 visit to cocoa-growing partners in Mababu, Tanzania, Askinosie works alongside villagers harvesting cocoa, fermenting and drying beans, and testing moisture content. Askinosie is shown above with Mama Mpoki, who also appears on the label at left.

What It's All About

On the first student trip to Tanzania in 2010, Askinosie and his young guests flew into the port city Dar es Salaam, then boarded a bus for a 24-hour drive to a village about half the size of a city block. They had come to inspect a shipment of cocoa beans Askinosie had agreed to buy. During the previous week, the students had studied Tanzanian language and culture. They also got a crash course in the profit-sharing business model of Askinosie Chocolate and how to make small-batch chocolate. Now they were in the country to see what else they could learn.

The students — driven, high-achieving — arrived thinking they'd help the villagers realize a lifestyle more like their own. Their intentions were good. But Askinosie hoped the experience would “transform their hearts” so they would come to see villagers not as “others” in need of help but as friends with whom they would build connections. While waiting for their visit's first formal meeting to begin, he stood with the students and villagers outside a mud-brick building. Spontaneously, the groups started sharing songs, with the village children singing in Swahili and their American visitors singing back in English. “The song that stands out to me is ‘Hokey Pokey,’ ” Askinosie says. “We did the little dance moves with them, and I remember thinking, ‘This is what it's all about.’ I recognized that moment as an affirmation.”

Such journeys are the highlight of Askinosie's work, and he returns regularly with his students. The trips are brief, and he sometimes wonders if their effects will last. But Askinosie is hopeful. “One of our students wrote me a note when we got back. She said, ‘I realize I need Tanzania more than Tanzania needs me.’ When I read that, I said to myself, ‘She understands.’ ” **M**



OFFENSIVE THREAT

The rapport between Tiger quarterback **Drew Lock** and new offensive coordinator Derek Dooley will do much to shape the season. Will they be close enough to go far?

➤ MARK GODICH, BJ '79



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**TIGER
FOOTBALL
2018**

MIZZOU MAGAZINE ◦ FALL 2018

DREW LOCK

is sitting in a windowless meeting room in the Mizzou Athletics Training Complex. It is the last Thursday of April, which means it is also the first day of the NFL draft, which means it would be perfectly understandable if the mind of an **All-SEC quarterback with a bazooka for a right arm** were wandering 600 miles to the southwest in Arlington, Texas. It is a quarterback-rich draft, a lottery loaded with potential franchise cornerstones. Heck, Lock very well could be one of those guys.

Just not this year.

"IT'S THE LOYALTY I HAVE TO THIS UNIVERSITY and this state," he says matter-of-factly of the decision he made in January to return for his senior season.

So on this day he will finish homework, maybe sneak out to the range with teammates and hit some golf balls. He will fire off congratulatory texts to friends and former Tigers on their newfound fame. He will not watch the draft, not even on a night when four quarterbacks will be snapped up in the first 10 selections.

"I'm going to live in what I'm doing right now," Lock says. "I'm going to focus on the path I'm taking and stay that course."

The plan is coming together. The ebullient kid with the stylish locks is on the road to graduation, on schedule to earn a degree in sport management in December. It's a major that, given the position he plays and the work it demands, seems appropriate. On Saturdays in the fall, he is a game manager, his every throw dissected, his every decision scrutinized. It's been like that for three seasons now, Lock learning on the fly as a freshman while enduring an absolute beating, showing flashes of star power as a sophomore, lighting up the SEC with a conference-record 44 touchdown

passes as a junior. Nobody would have blinked had he declared for the draft, considering the riches that awaited and facing the prospect of working with a new offensive coordinator for the third time in four seasons. But the tone of his voice says he's excited to be back, undeniably confident he made the right decision. The way Lock sees it, he has some unfinished business.

"I wanted to do something all of us seniors, all of the guys on this team are going to remember," he says. *"Wow, I was part of that. I was part of something special."*

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PART OF THE LURE IN COMING BACK is that, when he steps onto Faurot Field (and perhaps even into a huddle!) for the season opener against Tennessee-Martin on Sept. 1, Lock will see the faces of a slew of familiar and talented teammates. Mizzou led the SEC in total offense and scoring last season, and with all but one starter returning, there's every reason to believe this unit will be, well, special. The line, anchored by right tackle Paul Adams, returns intact. All-America candidate Albert Okwuegbunam, who caught 11 touchdown passes last year as a redshirt freshman, is among a trio of big targets at tight end. Although leading receiver J'Mon Moore is now with the Green Bay Packers, the Tigers have depth and deep threats on the outside. And the ground game will be fueled by Larry Rountree and Damarea Crockett, a pair of physical, punishing backs.

Enter Derek Dooley, the man tasked with making things go. Mizzou's new offensive coordinator and quarterbacks coach grew up around football. His father, Vince, was the legendary coach at Georgia. Derek, 50, was the coach at Louisiana Tech and Tennessee before spending the past five seasons as the wide receivers coach of the Dallas Cowboys. A lawyer in a previous life, he is entering his 23rd year in the profession, but (in case you



† Dooley has maintained a low profile as he has put his touches on what is expected to be a high-powered offense.



† On track to graduate in December, Lock is also getting an early education on how an NFL offensive system operates.

haven't heard) calling plays and schooling quarterbacks have never been in his job description. He can light up a room with his storytelling, he has a quick wit, and he never seems to be at a loss for words. Yet when asked about his lack of experience for the new role, Dooley pleads no contest.

"There's nothing I can say that's going to convince people who think this is a bad hire that it's a good hire," he says. "I have to do what I'm capable of and rely on my experience in all these different roles and put the players in the best position they can be to be successful. It's pointless to try and say anything."

Dooley punctuates the last sentence with a chuckle, before adding, "You know what I mean?" He gets it — the reaction unrelenting to his being entrusted with an explosive offense and a potential first-round draft pick. In the end, his success will hinge largely on how well he and his offensive staff teach, instructing players not just on doing things but on doing them the *right* way. To illustrate, he riffs on a seemingly simple pass pattern:

"You can run a 12-yard curl route and you know how to do it, but how do you do it well? How do you do it versus press [coverage]? How do you do it versus off [coverage]? How do you finish the catch when the guy is driving off of you? All of those little things are the difference in having a successful offense and not having one.

"These guys have picked up what to do easily. And they should. Now it's a question of how you do it well. It takes a lot of reps and a lot of film study

and a lot of walk-throughs and a lot of teaching. It just takes time."

For his part, Dooley goes about his business, studying film, getting to know his personnel, installing and tweaking his system, inundating his quarterbacks with information. (So immersed in his work and not wanting to draw attention to himself, Dooley declined requests to sit for a photo for this story.) His offense will feature some things he incorporated with the Volunteers and the Cowboys, but he's not scrapping everything the Tigers ran last season. Given the success they enjoyed, he acknowledges that would be foolish.

"People want to create this myth that we're putting in all this [new] stuff," Dooley says. "We're really not. It's just different than what they've been used to."

Here's what will be markedly different: The offense won't play at the same breakneck pace that Mizzou fans became accustomed to over the past two seasons. In terms of time of possession, last year the Tigers ranked 128th of the 129 teams that played in the Football Bowl Subdivision. The quick-strike scoring drives were nice, but too many games featured Missouri on the short end of a lopsided clock, particularly against better opponents. The 30-second three-and-out is being retired from the offense.

"We're still going to push the ball and control the tempo but not always go as fast as they did," says Dooley. "We're still going to spread 'em out, but we'll also have an ability to pack it down a little bit if we want to. I think the biggest thing is having a little more flexibility and versatility."

It's no secret the offensive coordinator and quarterback are joined at the hip, and there's an added sense of urgency in a transition year. Lock worked for a season with Josh Henson and for two years under Josh Heupel, which means he is learning his third offense and third "language" since setting foot on campus in the summer of 2015. However, a single meeting in January with the newly hired Dooley helped cement his decision to return. "I think I can speak for all of the quarterbacks when I say this has been one of

2018 MISSOURI FOOTBALL SCHEDULE

Sept. 1: UT-MARTIN

Sept. 8: WYOMING

Sept. 15: at Purdue

Sept. 22: GEORGIA

Oct. 6: at South Carolina

Oct. 13: at Alabama

Oct. 20: MEMPHIS (Homecoming)

Oct. 27: KENTUCKY

Nov. 3: at Florida

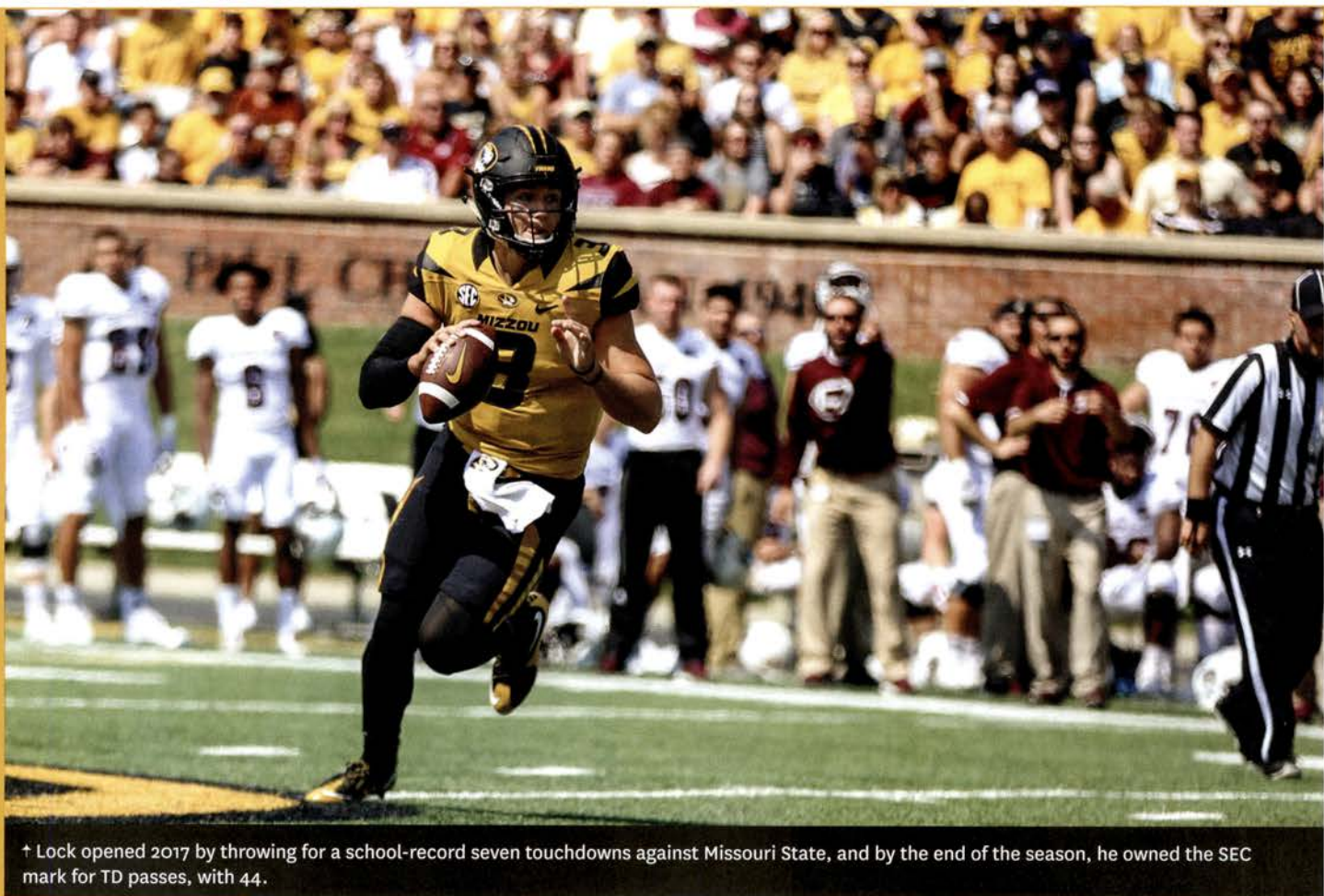
Nov. 10: VANDERBILT

Nov. 17: at Tennessee

Nov. 23: ARKANSAS

"It's the loyalty I have to this university and this state," he says matter-of-factly of the decision he made in January to return for his senior season.

— Drew Lock



† Lock opened 2017 by throwing for a school-record seven touchdowns against Missouri State, and by the end of the season, he owned the SEC mark for TD passes, with 44.

“There are very few offenses in the SEC I would consider to be high-octane. If it becomes a score-athon, which team would you favor other than Missouri?”

— ESPN analyst
Greg McElroy

our favorite springs,” Lock says. “I’ve had a blast with Coach Dooley. He brings a different energy than most coaches. He cracks some jokes where you can get some giggles in, but he knows exactly when he needs to turn it back and get serious.”

Dooley was already duly impressed with Lock’s talent — “He’s got NFL size and an NFL arm” — and he’s been just as thrilled with how his quarterback has bought into learning the new system, soaking it all in and asking for more. “We put in more than I ever dreamed we would before spring,” Dooley says. “That was simply a function of the investment he put in, learning it and executing it on the practice field. As long as he kept understanding it and executing it, I was going to keep pushing him. If he hadn’t been able to pick it up so quickly, we wouldn’t have put so much in.”

Lock, whose father, Andy, and grandfather Jerry played for the Tigers, notes his development has been accelerated and enhanced because he has had to learn the systems and languages of three outstanding coaches. He mentions the array of personnel groupings the offense will roll out, the expanded tree routes his receivers will be running, that he’s being tutored by a coach with an NFL background. He’s excited about the possibilities. And why wouldn’t he be? He’s getting an NFL indoctrination

while he gears up for his final college season.

“I can just tell you I’ve learned a lot,” Lock says. “It’s been super fun. [Dooley] makes it fun for me. He’ll draw up a play and show us clips from Dallas as to why they ran the sweep, why they ran it against the Giants or why they’re running it against Green Bay to where you can correlate what he’s talking about with big-time ball, with Jason Witten running routes, [Cole] Beasley running routes and Dez [Bryant] running routes. Tony’s [Romo] throwing the ball; Dak’s [Prescott] throwing the ball. Having such a high-level example of what you need to be producing every day at practice is really cool to set a high standard for yourself.”

Arm strength has never been an issue, and in 2017 Lock showed a marked improvement in delivering the deep ball. Now he’s striving to perfect the intermediate throws, to work the middle of the field and to find holes in the zone. Not to be overlooked is the decision-making that comes with the position, an aspect quarterbacks must master to succeed. Mizzou Coach Barry Odom has said on more than one occasion that Lock needs to play better than he did a season ago. Better as in eliminating the occasional reckless throw. The Tigers, you see, led the SEC in another key statistic last season — and not in a good way.

Their 25 turnovers were three more than any other team in the conference. For the dozens of darts that Lock delivered, there was the occasional misguided missile. They are the kind of throws that can kill momentum, if not the opportunity to win.

In this regard, Lock is not alone. As an analyst at the SEC Network and ESPN, Greg McElroy has witnessed the scene time and again across the college football landscape. He also happens to know a thing or two about playing quarterback, having guided Alabama to the national championship at the end of the 2009 season. Before college, he succeeded some guy named Chase Daniel as a state-title-winning quarterback at Carroll Senior High School in Southlake, Texas. McElroy is a big fan of Lock's game and believes he was wise to return. Now he's curious to see how high he can take his game.

"That's one area where he can improve — understanding where to cut your losses," McElroy says. "Understand, too, that you are not Superman. As much as we all want to be Tom Brady, there are windows we can't throw it through."

It is a mindset that has already been ingrained in Lock. *Smart ball*, he calls it. "Taking care of the ball, burning a throw if I have to, not forcing it," he says. "Get to the next play. It's OK to punt."

Even for a senior who has started 33 games, it is a never-ending process. Yes, Lock has a creative playmaking ability, and he has shown repeatedly he can make plays under duress to bail out the offense. The trick comes in learning how to manage a game — from start to finish: negotiate negative plays, handle red-zone and four-minute and two-minute situations.

"On every play, he's got answers across the board on what to do when things break down," Dooley says. "Every situation brings a different sort of risk assessment. There are times when you make aggressive throws. But it also depends on the situation. That's not something you learn in a one-class session. It's something you talk about over and over, learning how to go through a game as a quarterback to put your team in the best position to win. I think he's embracing that."

In that regard, the coordinator and the QB already seem to be speaking the same language. It's a development that doesn't surprise McElroy. "You spend so much time with your offensive coordinator and quarterback coach that you start finishing each other's sentences," he says.

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HOW THIS TEAM STARTS ITS SEASON might well determine where it finishes. McElroy believes it is imperative to get out of the gate fast, that the Ti-

gers can ill afford to stumble early as they did a season ago, when they opened 1–5 before reeling off six straight wins and earning a bid to the Texas Bowl. A Sept. 15 trip to Purdue will be difficult, and then comes the meat of the schedule: a home game against Georgia followed by visits to South Carolina and Alabama on consecutive Saturdays. And for all the firepower on offense, there are questions on the other side of the ball, particularly in the secondary. The least of those concerns are up front, as D-Line Zou is as deep as it's been in several years. Like Lock, Terry Beckner, another All-America candidate, could have left for the NFL. But he too has some unfinished business.

During bowl preparations last December, Odom brought Beckner in front of the team and announced the defensive tackle had decided to return. "Terry wants to be part of something special," Lock recalls Odom saying, at which point all eyes shifted in the direction of a certain quarterback.

McElroy can see some real promise in these Tigers. He goes so far as to say, "I like 'em a lot." Make no mistake: He views Alabama, Georgia and Auburn as being a cut above the rest in the SEC. But beyond that, he expects a free-for-all as a half-dozen or so teams jockey for position behind the heavyweights. He believes Missouri has the potential to be that fourth team, and although many are tabbing South Carolina as the sleeper in the East, he can envision the Tigers in that spot.

"There are very few offenses in the SEC I would consider to be high-octane," says McElroy. "If it becomes a score-athon, which team would you favor other than Missouri?" He is quick to add, "There are games they're going to have to win that more resemble a Big 12 style than an SEC style, and that's fine. That's different. And I like that they're a little different."

For Lock and Dooley, it is a win-win opportunity. Already rated by some experts as the top quarterback in the 2019 draft, Lock has a chance to further enhance his standing. If the Tigers are winning, odds are it will be because the two guys who are joined at the hip are excelling in their roles.

That could make for something special.

About the author: Mark Godich is a 1979 graduate of the Missouri School of Journalism and the author of Tigers vs. Jayhawks: From the Civil War to the Battle for No. 1 (Ascend Books, 2013). He was a senior editor at Sports Illustrated for 22 years, managing the NFL, college football and golf beats at various times. M



"I wanted to do something all of us seniors, all of the guys on this team are going to remember," he says. "Wow, I was part of that. I was part of something special."

— Drew Lock

On Their Shoulder Pads

Going back to his days as an assistant under Don James at Washington in the 1980s, Gary Pinkel always had an eye for **quarterback talent**. Never was that intuition more on display than during his 15-year run at Missouri, where he won 118 games, took the program to No. 1 in the country and twice came within a victory of playing for the national championship. Four quarterbacks. Three states. Drew Lock is following in the footsteps of a quartet of prolific quarterbacks. — **MARK GODICH**

16 Brad Smith 2002-05

Storyline: Committed to Toledo, Smith made a change of plans when Pinkel took the Missouri job in late 2000. After a redshirt year, Smith started all 48 games over the next four seasons and rewrote the Mizzou record book, electrifying fans with his speed, elusiveness and effortless stride.

Stat corner: Smith is the only quarterback in FBS history to pass for 8,000 yards and run for 4,000. He was also the first quarterback to pass for 2,000 yards and rush for 1,000 in a season — and did it twice.

Finest hour: He had games in which he ripped off more passing and rushing yards, but Smith's seminal performance came on the night of Oct. 12, 2003. He passed for 180 yards, rushed for 123 yards and three touchdowns, and scored on a 47-yard reception off a double pass in a 41-24 win over Nebraska. The victory snapped a 24-game losing streak to the Cornhuskers and reversed the fortunes of Mizzou football under Pinkel.

10 Chase Daniel 2005-08

Storyline: Saying a commitment was a commitment, Daniel rebuffed an 11th-hour overture from his home-state Texas Longhorns, and after a season of serving as Smith's understudy, he dazzled for three seasons. While throwing for 33 touchdowns against only 11 interceptions as a junior in 2007, he was named the Big 12 Offensive Player of the Year and finished fourth in the Heisman Trophy race.

Stat corner: After passing for 4,306 yards and completing 68.2 percent of his attempts in '07, both school records, Daniel went one better as a senior, with 4,335 yards and a 72.9 percent completion rate.

Finest hour: With the No. 1 ranking and a spot in the Big 12 title game on the line, Daniel led the Tigers to a 36-28 victory over rival Kansas on Nov. 24, 2007, at Arrowhead Stadium. On a bitterly cold night, he was flawless, completing 40 of 49 passes for 361 yards and three touchdowns.

11 Blaine Gabbert 2008-10

Storyline: The St. Louis product committed to Nebraska but had a change of heart after coach Bill Callahan was fired. A five-star recruit who was rated the top pro-style quarterback in the country, Gabbert played as a freshman behind Daniel and Chase Patton, then started for two seasons before leaving for the NFL. He was selected with the 10th pick in the 2011 draft by the Jacksonville Jaguars.

Stat corner: In his two seasons as a starter, Gabbert passed for 6,822 yards and 40 touchdowns. He holds the school record for lowest percentage of passes intercepted in a career.

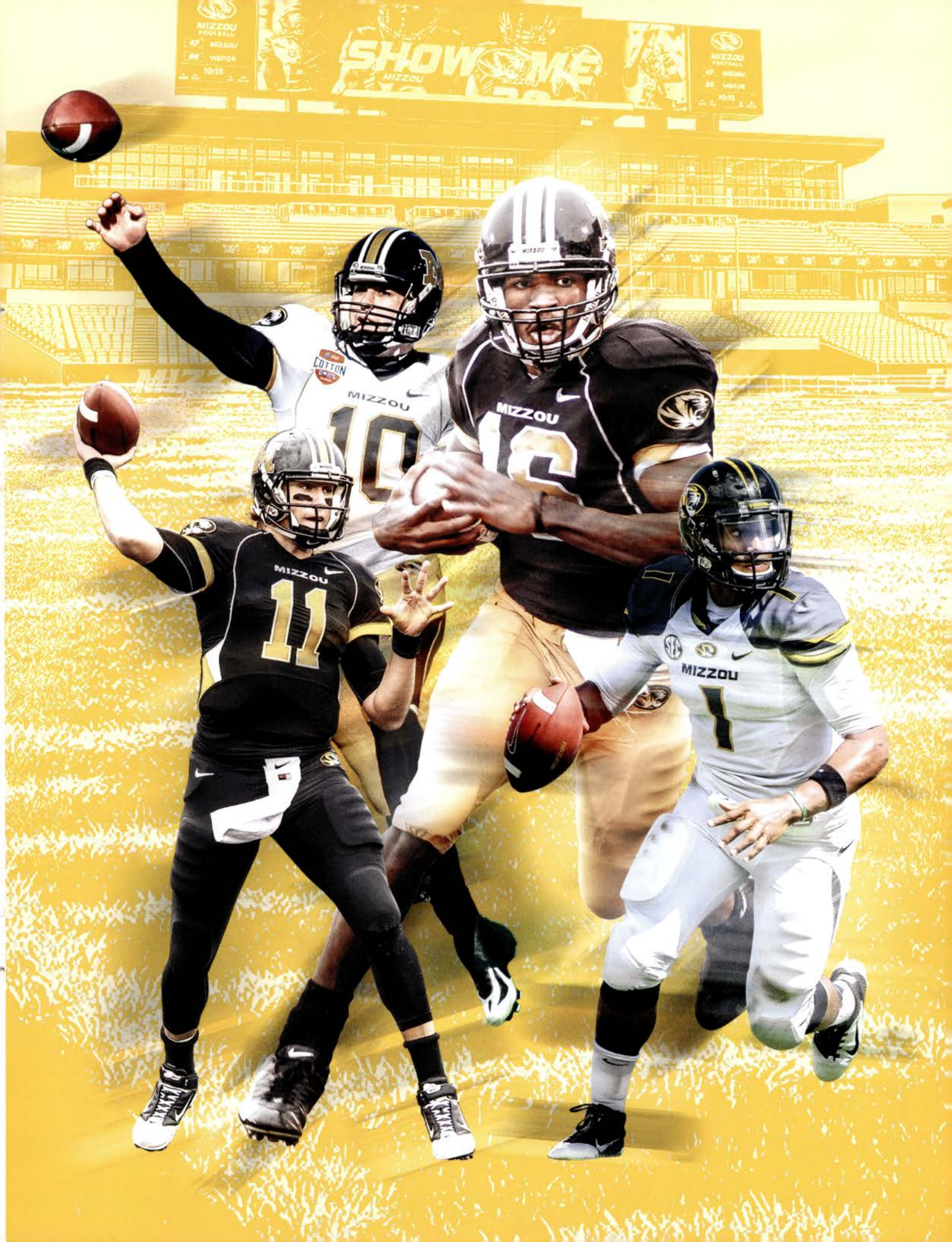
Finest hour: No. 1 Oklahoma came to town on Oct. 23, 2010, and was greeted by Ghan McGaffie's 86-yard TD return of the opening kickoff. The teams traded punches until Gabbert put the Tigers ahead for good early in the fourth quarter with a 38-yard touchdown pass to Jerrell Jackson. Gabbert finished 30 of 42 for 308 yards in a 36-27 victory.

1 James Franklin 2010-13

Storyline: Although a decorated four-star recruit, Franklin arrived in Columbia from Denton, Texas, without much fanfare in 2010. Then, despite missing seven games over his last two seasons, he had one of the most efficient careers in program history. Franklin is arguably the most underappreciated quarterback to wear a Mizzou uniform.

Stat corner: At the time, the 3,846 yards of total offense that Franklin piled up as a sophomore trailed only the numbers that Daniel put up in each of his three seasons as a starter. Franklin ranks fourth on the career list, behind Daniel, Smith and Lock.

Finest hour: Henry Josey's 57-yard touchdown run against Texas A&M put the Tigers in the 2013 SEC championship game, but befitting his career, Franklin was the unassuming star who rallied his team three times. In his last game at Faurot Field, he passed for 233 yards and two TDs and ran for 80 yards in a 28-21 victory.



GAME ON, TIGER STRONG

For more than a century, Mizzou's Homecoming traditions have been favorites of alumni and students alike. Below, meet the three Tigers who lead the Mizzou Alumni Association's 37-student Homecoming Steering Committee. The team spends months planning events that culminate with the Homecoming parade and more on Oct. 20.



● Grace Corley, 21

Leawood, Kansas

Major: Strategic communication, with minors in business and Spanish

Self-description: Energized, reliable, ambitious

Involved in Homecoming because: I am a fifth-generation Mizzou student, and I love the traditions of this great university. I have been attending Homecoming since I was little, and I wanted to be on the flip side of an event that brings back so many alumni to reminisce about old memories and create new ones.

Homecoming means to me: Family, friends, and black and gold 'til the end

Proudest of: Being on the 2017 Homecoming Blood Drive Committee. I was not too fond of blood before that, but now you can't keep me away. We collected 3,640 units of blood and saved 10,920 lives.

Biggest surprise about college life: Laundry does not do itself.

Can't live without: Coffee!

Have always wanted to: Ski the Swiss Alps

A casual friend would never guess: I have been scuba diving off eight Caribbean islands.

Glad I did it but wouldn't do it again: High school

Most important quality in a friend: Someone who can always laugh and have fun, even in the most intense and stressful situations

Dream job: Account executive in a large advertising firm

Favorite game: Monopoly. I grew up playing tournaments with my siblings and neighbors.

▲ Trent Wideman, 21

Farmington, Missouri

Major: Industrial and manufacturing systems engineering

Favorite class: Computer Science 1050. I came in with no coding experience and left able to code simple casino games.

Involved in Homecoming because: My parents

have been bringing my sister and me to Homecoming since I was a kid. I remember seeing my first campus decoration, and it was love at first sight.

Most challenging thing about being a director:

Balancing Homecoming with school and social life. I wish I could just major in Homecoming.

What the Homecoming theme means to me:

"Game On, Tiger Strong" reflects the mood on campus. Enrollment is up, athletics are strong and students are happy.

Biggest surprise about college life: Let's just say my first exam in Chemistry 1320 was a wake-up call.

Ultimate dinner companion: My girlfriend, Kenzie!

Splurge: Movie tickets

Deal breaker in a friendship or romance: If they aren't a Tigers fan, I'm out.

First lottery purchase: Fishing boat

Superhero I'd like to be: Iron Man. Not only does he have a suit, but he's also a genius.

Favorite quote: "Very little is needed to make a happy life; it is all within yourself, in your way of thinking."— Marcus Aurelius

Favorite TV show: *The Office*

■ Jenna Cederblad, 21

Lombard, Illinois

Majors: Health science, political science

Favorite class: Politics and Hollywood. I walked away from that class with a greater appreciation for actors and directors who took a stand and used their voice to change the world.

Three-word self-description: Where's my charger?

Involved in Homecoming because: Homecoming 2016 was a defining moment. I stood arm in arm with close friends from my dorm as we belted out the "Missouri Waltz." After a rocky start to my freshman year, I walked into that game a student and walked out a lifetime Tiger.

Favorite Homecoming ritual: That moment after the parade when all the alumni start heading toward the field from their tailgates

Can't live without: My camera! When I'm holding it, I feel like the world is in the palm of my hands.

A casual friend would never guess: I was a figure skater for 15 years.

Most important quality in a partner: Being unapologetically "you" is an attractive quality in a significant other and in a friend.

First lottery purchase: A plane ticket to Greece

Favorite game: Cards. After holiday dinners, we sit at a long table and spend the night playing sevens and euchre.

Perfect day: Family, friends, the beach, good food and fun adventure

Favorite TV shows: *New Girl* and *House of Cards*

BLACK & GOLD SEASON NEVER ENDS



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THE MIZZOU STORE
OFFICIAL TIGER EQUIPMENTS SINCE 1890



TIGER TEAM STORE
The Official Store of Mizzou Athletics

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Mizzou Arena | Faurot Field
themizzoustore.com





The Mizzou Alumni Association's Homecoming parade strides across campus and downtown Columbia, where century-old storefronts set a lively scene for this great American tradition.

STORY BY DALE SMITH, BJ '88 * PHOTOS BY ROB HILL

Blare of the Horns





HADEN BUILDING • 901 E. Broadway • Built c. 1921

Ever since Homecoming's beginnings in 1911, the parade has been a keystone of the festivities, along with a raucous pep rally and bone-crunching football game. Thousands of parade-goers — Mizzou alumni and friends alike — line campus and city streets fronted by historic façades. Deb Sheals, BS HES '82, MA '93, a historic preservation consultant, has helped guide the architectural renaissance not only of Columbia's downtown but also similar areas in towns across eight states. Sheals, a Columbia native, bemoans the sprawling and "malling" of America. Instead, she promotes investment in good historic structures. Century-old buildings tend to be well-made, renovating them is greener than building new, and filling them keeps cities compact and vibrant, she says. "Plus, they hold a slew of memories." Big-box stores are ubiquitous, "But nowhere else in the whole world is there a Tiger Hotel and a Memorial Union. Cultivating that sense of place is what it's all about. It's why I love what I do."

From top, this classical revival building sheathed in white terra cotta first housed the Boone County Trust Company. • Details of downtown structures • The Municipal Building, looking much as it did when new, retains original or early leaded glass above the front doors.



MUNICIPAL BUILDING • 600 E. Broadway • Built 1932

c. 1940



VIRGINIA BUILDING • 111 S. Ninth St. • Built 1911

2018



c. 1940



MILLER BUILDING • 800 E. Broadway • Built 1910

2018

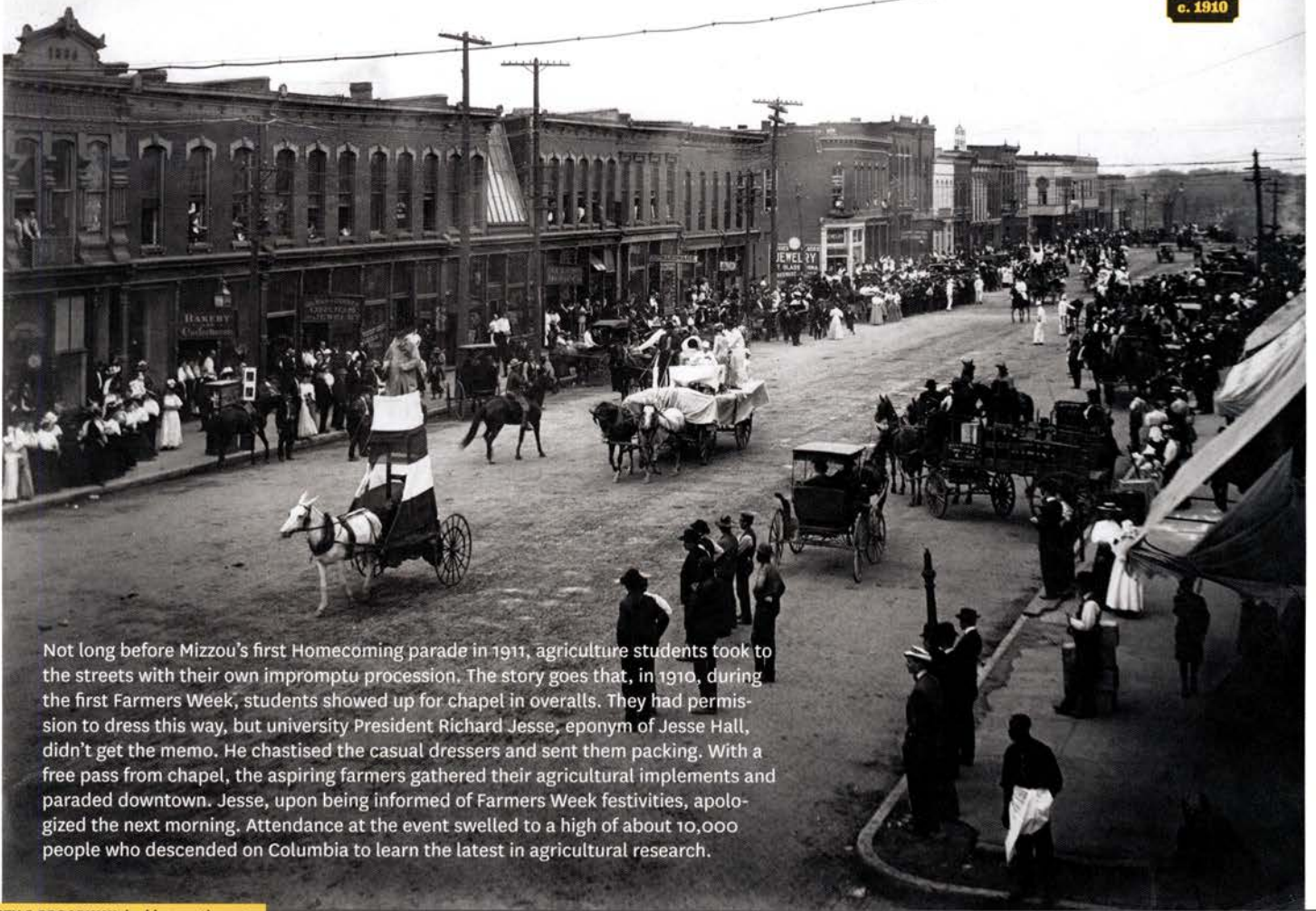


In 1928, the Virginia Building, above, contained one of Missouri's first Montgomery Ward stores in an urban area. A 1960s remodeling wrapped the structure in metal siding, drastically altering its look until a 2001 restoration. The renovation not only unraveled the siding but also reinstated architectural details, including its exterior cornice and interior metal ceilings. As one of the first big renovations of its kind downtown in decades, this project renewed interest in CoMo's historic structures.

The Miller Building, at left, is a deep, narrow three-story beaux arts structure built by shoe merchant C.B. Miller, whose first shop was at 823 E. Broadway. Miller was a well-known local figure, who directed Boone County National Bank, served on the school board, and participated in the Elks and Rotary clubs. In 1903, he married Helen Singleton Conley, whose father, entrepreneur Sanford F. Conley, built the brick house about 100 yards west of the Reynolds Alumni Center. It now contains university offices and event space.



c. 1910



Not long before Mizzou's first Homecoming parade in 1911, agriculture students took to the streets with their own impromptu procession. The story goes that, in 1910, during the first Farmers Week, students showed up for chapel in overalls. They had permission to dress this way, but university President Richard Jesse, eponym of Jesse Hall, didn't get the memo. He chastised the casual dressers and sent them packing. With a free pass from chapel, the aspiring farmers gathered their agricultural implements and paraded downtown. Jesse, upon being informed of Farmers Week festivities, apologized the next morning. Attendance at the event swelled to a high of about 10,000 people who descended on Columbia to learn the latest in agricultural research.

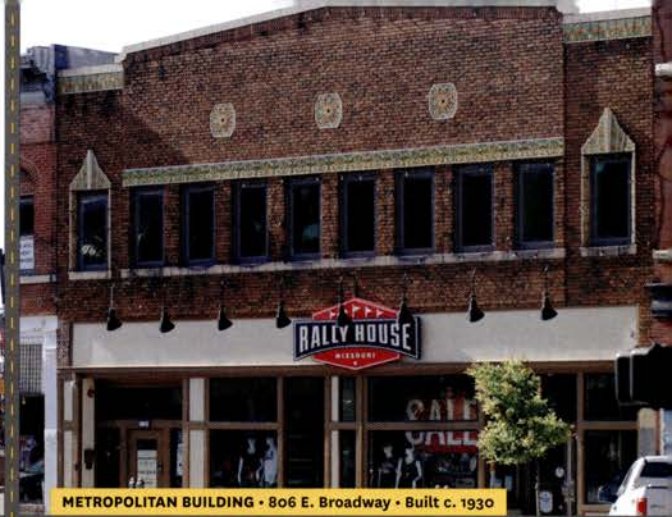
10TH & BROADWAY, looking southwest

2018





BARTH BUILDING • 827 E. Broadway • Built c. 1909



METROPOLITAN BUILDING • 806 E. Broadway • Built c. 1930



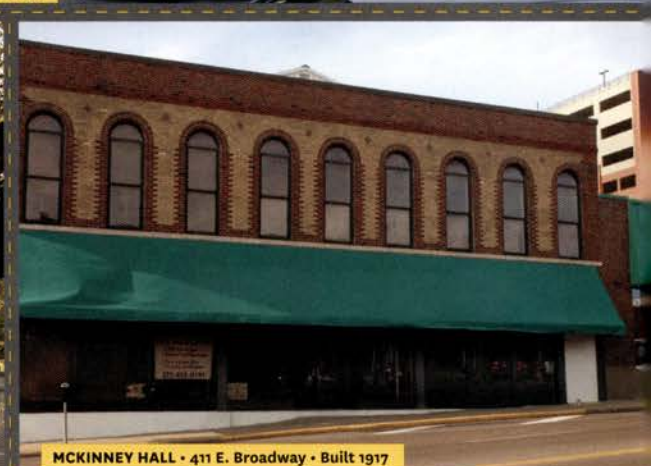
BOOCHES • 110 S. Ninth St. • Built c. 1916



HALL THEATRE • 102 S. Ninth St. • Built c. 1916



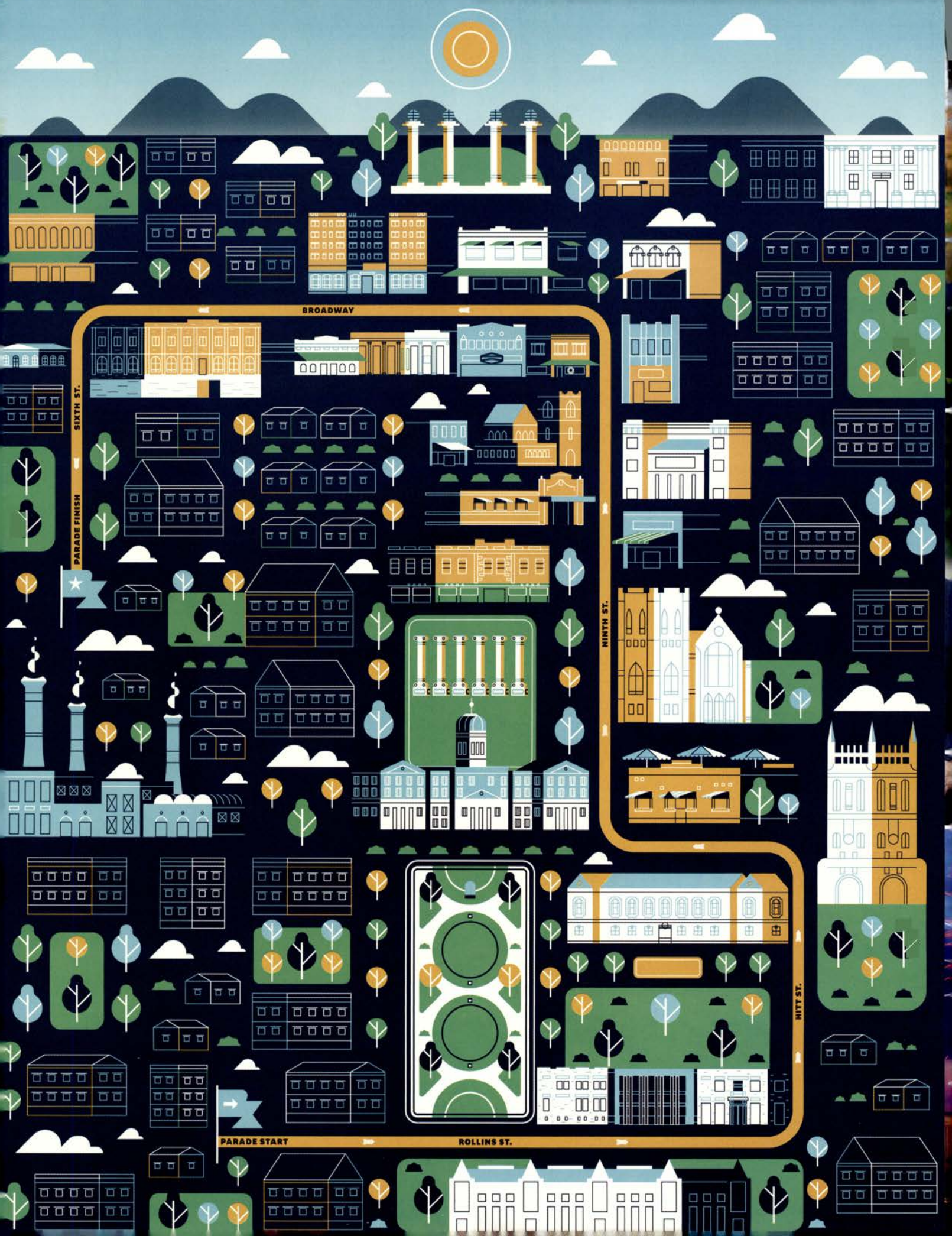
DANIEL BOONE TAVERN • 701 E. Broadway • Built 1917



MCKINNEY HALL • 411 E. Broadway • Built 1917

Clockwise from top left, Jewish haberdasher Victor Barth had been in business in Columbia for more than 20 years when he built this beaux arts commercial structure, whose cornice design appears to have been inspired by architect Louis Sullivan, Frank Lloyd Wright's first employer. One of just two art deco structures in downtown Columbia, the Metropolitan's façade features colorful, abstract terra cotta ornamentation glazed in green, gold, orange and blue with tan trim. The Hall Theater, once a classic movie palace, is one of the largest styled buildings remaining downtown. In the early 20th century, the McKinney Hall stage boasted a who's who of African-American musicians, including Louis Armstrong, Count Basie, Ella Fitzgerald and Billie Holiday. Originally a swank craftsman-style hotel that hosted luminaries such as Eleanor Roosevelt and Harry S Truman, the Daniel Boone Tavern has housed city and county government offices since the late 1970s. With its original storefront and early interior finishes still in place, Booches is one of downtown's most intact historic buildings.





BROADWAY

SIXTH ST.

PARADE FINISH

NINTH ST.

HITT ST.

PARADE START

ROLLINS ST.

Homecoming Events

Visit mizzou.com/homecoming for details and updates.

Oct. 7

5K

Time and location TBA

Visit mizzou.com/homecoming for details.

Stroll Off

8 p.m., Jesse Auditorium
National Panhellenic Council organizations face off to see who can stroll and step the best.

Oct. 8-11

Blood Drive

11 a.m.-7 p.m.,
Hearnes Center

Donate blood to one of the largest college-based blood drives in the nation, or visit mizzou.com/homecoming to find a partnering location.



Spirit Rally

8:30 p.m.,
Traditions Plaza

Rev up for the big game with Truman the Tiger, Mizzou Spirit Squads and Marching Mizzou.

Oct. 15-17



Talent Show

6:30 p.m., Jesse Hall

Mizzou's got talent! Check out student singers, dancers and comics. Can't make it to the show? Watch live at mizzou.com/homecoming.

Oct. 20

Parade

Time TBA, Campus and
Downtown Columbia

Get pumped up and show your Tiger pride as the parade tramps through campus and downtown Columbia. The parade features floats, bands from across the state and candy for the kids.

Oct. 19

LGBTQ Happy Hour

4-7 p.m., Top Ten Wines

Mizzou's LGBTQ Resource Center holds its second annual Homecoming Happy Hour to welcome friends and alumni (must be 21 or older). Reconnect, celebrate and learn how to get involved.



Football Game

Time TBA,
Memorial Stadium

Cheer on your Mizzou Tigers as they take on the Memphis Tigers. Stick around during halftime to find out who becomes the 2018 Homecoming King and Queen.

Campus Decorations

6-9 p.m., Greek Town

Cruise Greek Town to see fraternities' and sororities' themed decorations.

I



a Parade

ILLUSTRATION BY ALDO CRUSHER

If you delight in parades and their attendant swag — candy, kids' books, mini footballs and more — arrive early and stake out a prime spot along the route on campus or downtown.

*pa·rade (pəˈrād) n. 1. the exuberant and ostentatious ambling of happy traffic, as in Mizzou's Homecoming parade 2. marching, merry- and music-making throng 3. gleeful gridlock



Call to the Hall

A trio of terrific Tigers enters the Mizzou Hall of Fame Oct. 19. The honor recognizes alumni who have exhibited excellence in their field.

† Members of the Mizzou Hall of Fame Class of 2018 are, from left, the late Sam Walton, BA '40, LLD '84; Debbye Turner Bell, DVM '91; and William Trogon, BA '61, MA '62, PhD '73, BJ '78, LHD '11.

#**MizzouMade** is more than just a hashtag – it's a seal of approval. Each year, the University of Missouri produces thousands of graduates whose professional and personal lives embody the university's core values of respect, responsibility, discovery and excellence.

With more than 300,000 alumni worldwide, the Mizzou Hall of Fame faces the unenviable task of winnowing a bottomless pool of candidates down to three inductees each year. Created in 2016, the Mizzou Hall of Fame honors high-achieving alumni who exhibit excellence in their chosen field. Hall of Fame inductees are recognized during Homecoming weekend and serve as grand marshals for the Homecoming parade.

This year's Hall of Fame luncheon takes place Oct. 19 in the Reynolds Alumni Center. Meet the Mizzou Hall of Fame Class of 2018:

Sam Walton, BA '40, LLD '84

Entrepreneur and founder of Walmart and Sam's Club

"[My University of Missouri education] has been most beneficial to me in my approach to business and whatever success I have enjoyed."

In a 1989 interview, Walton extolled the opportunities higher education offers to "develop leadership qualities, if you take advantage." Beyond delivering newspapers and waiting tables, Walton took part in numerous campus organizations, including QEBH, Beta Theta Phi, the *Savitar* and more. "I always worked hard, so they'd make me president," Walton said. Walton's enterprising and industrious spirit led him to launch the first Wal-Mart Discount City store in Rogers, Arkansas, in 1962. By the time of his passing in 1992, Walmart had grown to employ 371,000 people. Today, Walmart has 2.3 million employees in more than 11,000 stores worldwide.

Debbie Turner Bell, DVM '91

Journalist and Miss America 1990

"I did take a year off [from veterinary school] to be Miss America. But when that was over, I came right back to finish what I'd started."

Born in Hawaii and raised in Arkansas, Turner Bell followed her lifelong love of animals to the MU College of Veterinary Medicine. Her standing as a Mizzou student also allowed her to enter Miss America preliminary pageants in Missouri. After winning Miss Missouri in 1989, she won Miss America in 1990, which provided scholarship support for her to complete her degree in 1991. Turner Bell's career has spanned broadcast journalism, motivational speaking and ministry while also promoting responsible pet ownership and proper veterinary care for pets.

William Trogdon, BA '61, MA '62, PhD '73,

BJ '78, LHD '11

New York Times best-selling author

"Never mind that Mark Twain had stood on the steps of Jesse Hall. History was at The Shack. We may not have learned history there, but we surely felt it."

Although Trogdon arrived on campus in 1957 already on academic probation, he soon demonstrated the talent, wit and work ethic that eventually earned him five MU degrees. In 1978, Trogdon, who writes under the pseudonym William Least Heat-Moon, embarked upon a cross-country journey that he documented in his first *New York Times* bestseller, *Blue Highways*. He has gone on to publish not only nonfiction works including *PrairieErth* and *River-Horse* but also a novel, *Celestial Mechanics*. The University of Missouri Press published Trogdon's book *Writing Blue Highways* in 2014.

CLASS OF 2017

Andrew Cherng, MS '72 – Co-founder, co-chair, co-CEO, Panda Restaurant Group

Peggy Cherng, MS '71, PhD '74 – Co-founder, co-chair, co-CEO, Panda Restaurant Group

Norm Stewart, BS Ed '56, M Ed '60 – Mizzou basketball legend and member of the Collegiate Basketball Hall of Fame

CLASS OF 2016

Linda Godwin, MS '76, PhD '80 – Retired astronaut and professor of physics and astronomy at MU.

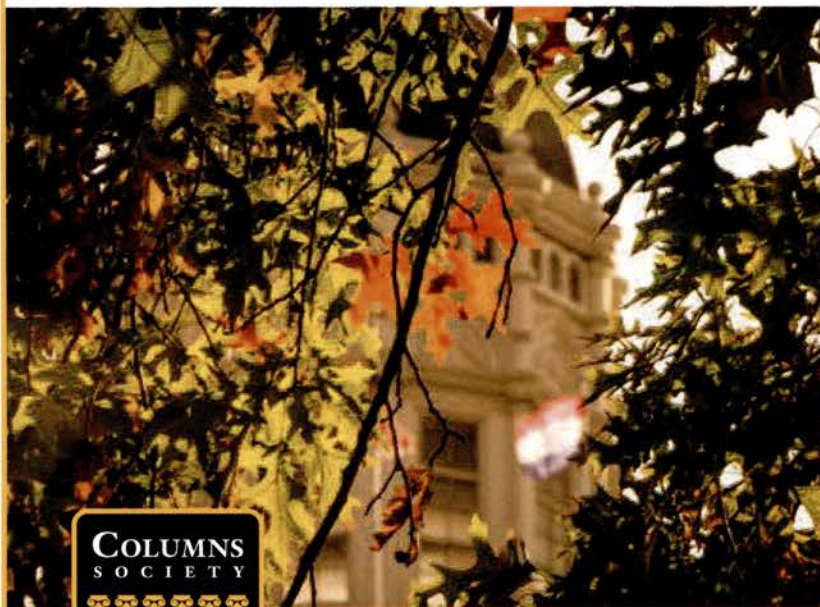
David Novak, BJ '74 – Co-founder and retired chairman and CEO of Yum! Brands; founder and CEO of OGO

Kellen Winslow, BES '87 – Member of the College Football Hall of Fame and the Pro Football Hall of Fame

M-I-Z! We Thank You!

Year after year, Columns Society members make Mizzou stronger by opening doors for student success and helping solve the grand challenges facing Missouri through education, research and outreach. In 2017-18, the Columns Society helped MU reach several milestones:

- 3,630 Columns Society members, our **highest total ever**
- More than \$147 million in cash, **breaking the previous record** by 22 percent
- Nearly \$162 million given overall, pushing the Mizzou: Our Time to Lead campaign **past the billion-dollar mark**



The Columns Society recognizes donors whose annual support plays a critical role in MU's success. Learn more at giving.missouri.edu/columns-society or call 1-877-GIFT-2-MU.



A People's Leader

New alumni association president brings expertise in human resources and community development

† The Mizzou Alumni Association's new volunteer leader, Andrea Allison-Putman, BS BA '85, plans her year at the helm as one of building loyalty and emotional connections to the university.

When Andrea Allison-Putman, BS BA '85, goes to her job as chief people officer for the YMCA of Greater Kansas City, she develops strategies for engaging communities to support the Y's mission. As the Mizzou Alumni Association's new volunteer president for 2018–2019, Allison-Putman is going to do the same for Mizzou.

"How do we ensure all who attended Mizzou and graduated from Mizzou and the parents of our students are engaged? We have to have all the voices at the table," she says. "And I'm talking about all the dimensions of diversity that make Mizzou so strong: veterans, new grads, the LGBTQ community, various ethnic and racial identities, international alumni, and our senior alumni."

Allison-Putman's drive to build emotional connection and loyalty to the university dates to the early 1990s, when she started to deal with inclusion by engaging with the Black Alumni group.

In about 2006, she took part in a focus group discussion of how Mizzou could better serve alumni. "Being included in a dialogue about the future excited me," she says. And in 2016 she supported the grassroots effort to revive the Mizzou Black Alumni Network. Her family roots at MU run deep, too. More than 15 of her family members are Tigers, including her husband, Andre Putman, and their children, Cierra Putman, BJ '08; Minnie Allison, BS '11; and Andre Putman II, who is on track to graduate in December.

During her presidential term, Allison-Putman is prepared to ask tough and sometimes uncomfortable questions and to make smart, hard choices. Ultimately, she believes, that work will enable Tigers to build a stronger community together. "The fact that we've gone through challenges hasn't deterred or scared me off," she says. "If anything, it's made me more committed to being part of the solution." — *Kelsey Allen, BA, BJ '10*

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MIZZOU  ALUMNI
ASSOCIATION TM

Making Mizzou Stronger

Events

September

7, Paula Poundstone concertseries.
missouri.edu

15, Tiger Tailgate at Purdue
www.mizzou.com/2018/TailgatePurdue

20-22, Leaders Weekend
mizzou.com

21-23, Family Weekend
parents.missouri.edu

22, Football Tigers at home vs. Georgia
mutigers.com

28-30, Roots N Blues N BBQ Festival, Stephens Lake Park
rootsnbluesnbbq.com

October

11, Here Come the Mummies, The Blue Note
thebluenote.com

13, Tiger Tailgate at Alabama
www.mizzou.com/2018/TailgateBama

20, Homecoming
mizzou.com

November

1-9, Tourin' Tigers, Greece
mizzou.com

9, Faculty-Alumni Awards
mizzou.com

17-18, Fall Into Art, with 55 Missouri artists, Parkade Center
fallintoart.org

Class Notes

1960

★ **Robert Priddy, BJ '63,** of Jefferson City, Mo., former news director for MissouriNet, was inducted into the Missouri Broadcasters Association's Hall of Fame in 2018.

1970

★★ **Howard Marshall, BA '70,** of Columbia received

the Popular Culture Association's Ray and Pat Browne Award and the Missouri Conference on History Book Award for his book *Fiddler's Dream: Old-Time, Swing and Bluegrass Fiddling in Twentieth-Century Missouri* (University of Missouri Press, 2017).

Bev Matthews, BS Ag '71, of West Point, Ind., was appointed to the National

Spasmodic Dysphonia Association board of directors.

★ **Kent Ford, BJ '74,** of Columbia was inducted into the Missouri Press Association Newspaper Hall of Fame.

Jim Gregory, BA '77, of Arroyo Grande, Calif., published his fourth book, *Central Coast Aviators in World War II* (The

History Press, 2018).

Jeff Cohen, BJ '79, of Canton, Ga., is chief marketing officer of Seller Labs LLC.

1980

Steve Long, BS BA '81, of Kansas City, Mo., is vice president of purchasing at Hostess Brands Inc.

Garry Melton, BS Ag '81, of Mexico, Mo., is vice president and commercial/ag lender at the Callaway Bank.

James H. Drescher, JD '82, of Franklin, Tenn., wrote *Glasby's Fortune* (Deadeye Press, 2017).

Gary Wimberly, BA '83, of St. Louis was appointed to the board of directors of Perficient Inc.

Kevin Grandison, BS ChE '84, of Cincinnati directs research and development at Procter & Gamble.

★★ **Wade Lambert, BJ '84,** of New York City was named senior news editor of the *Wall Street Journal*.

John Murphy, BS BA '85, of Overland Park, Kan., is vice president of TouchNet Information Systems Inc.

Stefanie Worth, BJ '85, of Detroit is executive director of Mosaic Youth Theatre.

★ **Adam Orvos, BS BA '86,** of Dallas is chief financial officer for Neiman Marcus Group.

★★ **Lisa Schlichtman, BJ '86,** of Steamboat Springs, Colo., editor of *Steamboat Pilot & Today*, is president of the Colorado Press Association.

Kelvin Simmons, BA '86, of Kansas City, Mo., is a cofounder of Nexus Group.

Kevin Fox, BS CiE '87, of

MIZZOU FOOTBALL

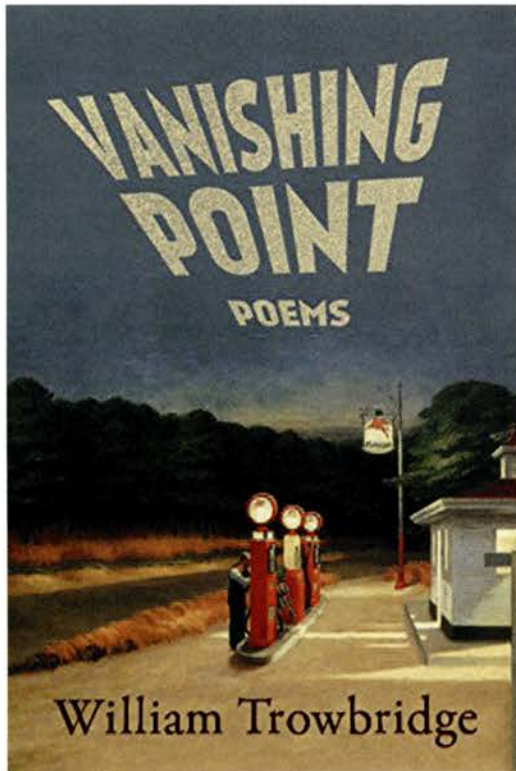
SOUTH ENDZONE 2019

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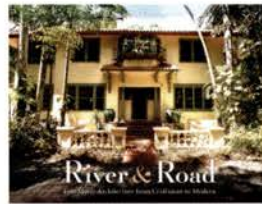
ALUMNI BOOKSHELF

Mizzou Alumni Writers Rack Up New Titles

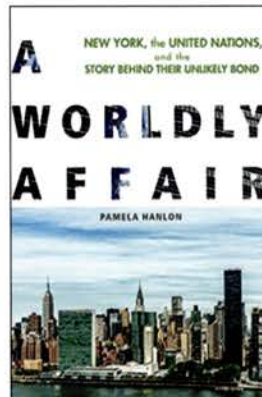
Authors hailing from departments across campus keep the printed word prominent. Spanning genres from history to fiction, this new crop of volumes comes out of academic and popular presses. To be considered for coverage, mail a copy of your book published in 2018 or scheduled for 2019 to Dale Smith, MIZZOU magazine, 109 Reynolds Alumni Center, Columbia, Missouri, 65211.



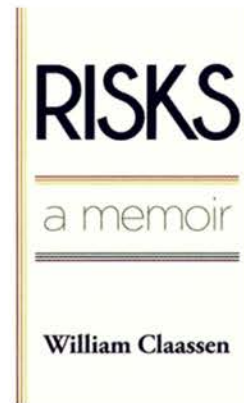
Vanishing Point: Poems by William Trowbridge, BA '63, MA '65 (Red Hen Press, 2017). Trowbridge served as Missouri's poet laureate from 2012 to 2016. He has published six full collections of poetry, and his poems have appeared in more than 30 anthologies and textbooks. His awards include an Academy of American Poets Prize and a Pushcart Prize.



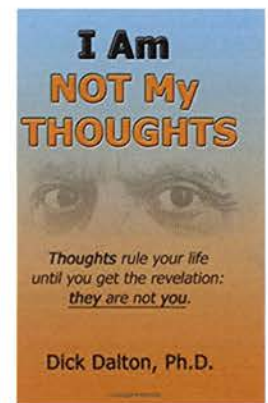
River and Road: Fort Myers Architecture from Craftsman to Modern by Pamela Miner, MA '88 (University Press of Florida, 2017)



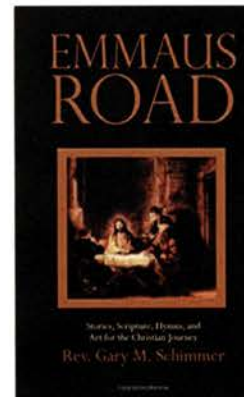
A Worldly Affair: New York, the United Nations, and the Story Behind Their Unlikely Bond by Pamela Hanlon, BJ '68 (Empire State Editions, 2017)



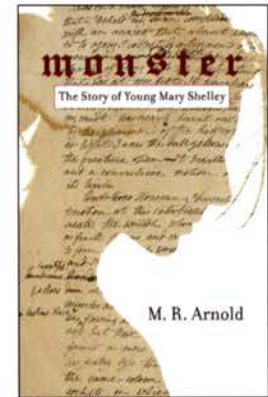
Risks: A Memoir by William Claassen, MA '93 (Cornel & Williams, 2017)



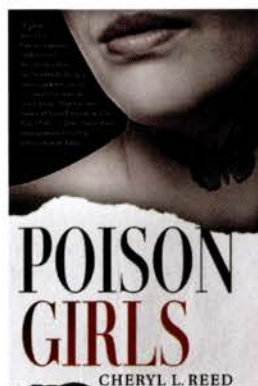
I Am Not My Thoughts by Dick Dalton, BS Ed '74, M Ed '77, EdD '80 (Dick Dalton, 2017)



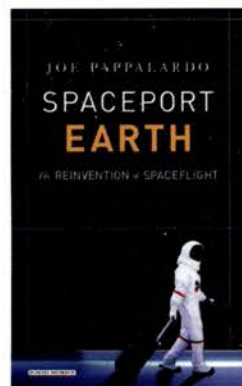
Emmaus Road: Stories, Scripture, Hymns, and Art for the Christian Journey, by the Rev. Gary M. Schimmer, BA '74 (WestBow Press, 2017)



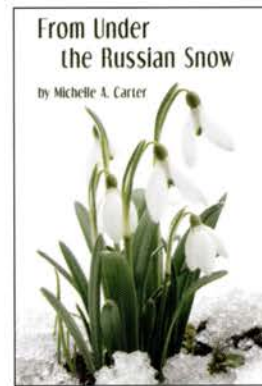
Monster: The Story of Young Mary Shelley by M.R. Arnold, MA '88 (Mango, 2017)



Poison Girls by Cheryl L. Reed, BJ '89 (Diversion Books, 2017)



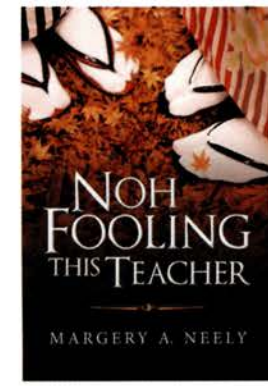
Spaceport Earth: The Reinvention of Spaceflight by Joe Pappalardo, BA '95 (The Overlook Press, 2017)



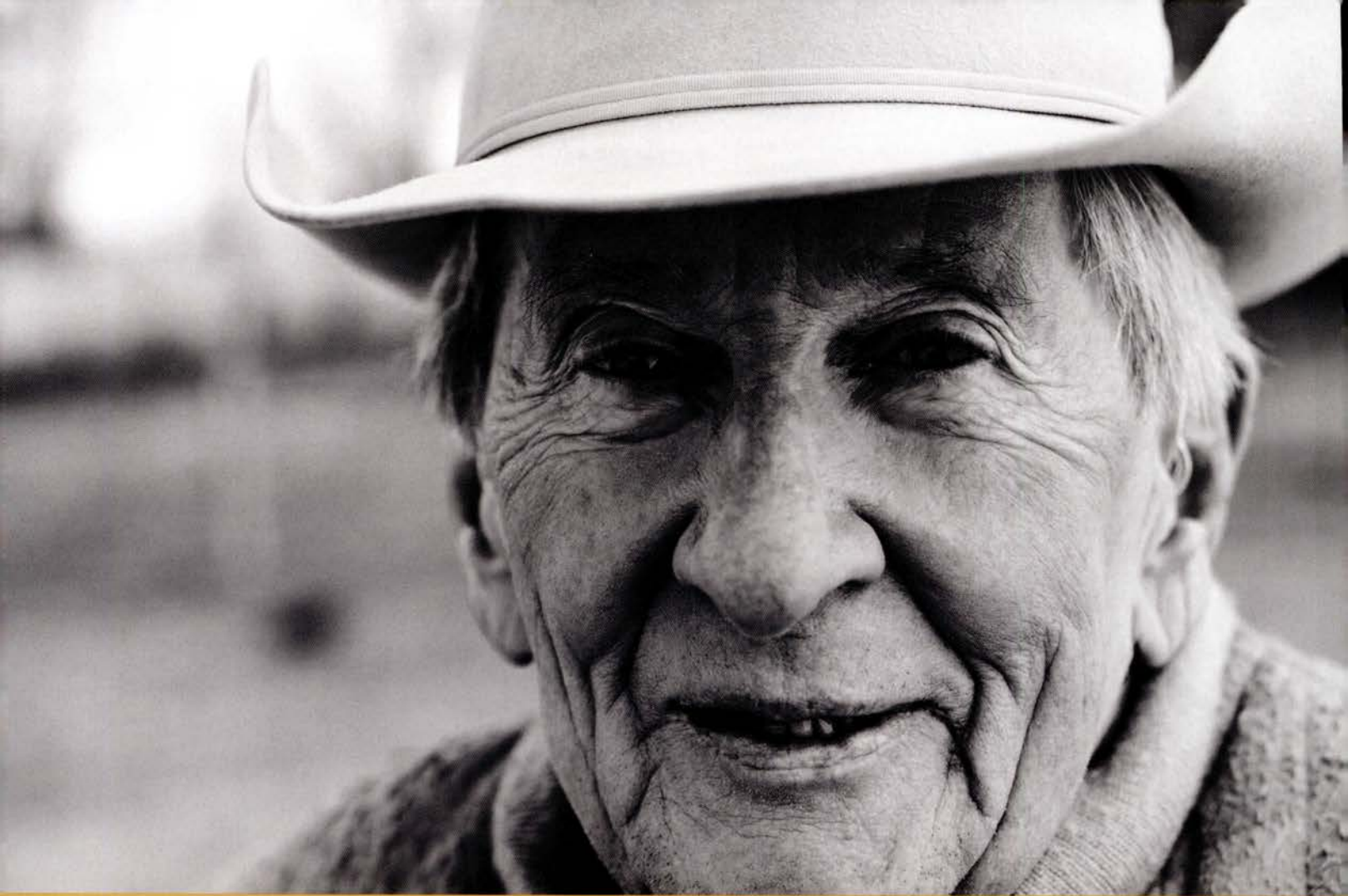
From Under the Russian Snow by Michelle A. Carter, BJ '66 (Bedazzled Ink Publishing, 2017)



Ghost Star: A Sci-fi Adventure by Roger Eschbacher, BA '81 (Kindle Press, 2018)



Noh Fooling This Teacher by Margery A. Neely, M Ed '68, PhD '71 (AuthorHouse, 2017)



IT'S WHEN WE SAID **YES, WE COULD REDUCE
HIS RISK OF STROKE BY AS MUCH AS 39%.**

**PROOF THAT DEFYING THE ODDS
CAN ACTUALLY IMPROVE THEM.**

In a moment, YES changes everything. Like when a patient with atrial fibrillation discovers we can lower his risk of stroke by a staggering amount. That's the difference of an academic health center. A difference made by our own Dr. Greg Flaker, whose research led to a breakthrough alternative to a blood thinner in use since the 1940s. Times change and, because of YES - so do standards.



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REMEMBERING

Broussard, La., is CEO of WHC Energy Services.

Brent Giles, BS BA '89, of Kansas City, Mo., is CEO of BankLiberty.

John Lawrence, PhD '89, of Ames, Iowa, is vice president of extension and outreach programs for Iowa State University.

Maureen Murphy, MA '89, of La Plata, Md., is the fifth president of the College of Southern Maryland.

1990

★★ **Tom Botts, BS BA '91**, of New York City was appointed chief commercial officer of UpLift.

★★ **Bradley Montgomery, BS BA '91**, of Brentwood, Tenn., is area vice president at State Farm Insurance.

Melissa Cast-Brede, MA '92, of Omaha, Neb., an associate professor at the University of Nebraska Omaha (UNO), received a 2018 UNO Alumni Outstanding Teaching Award from the University of Nebraska Omaha Alumni Association.

Mitch Lazar, BJ '92, of Denver is vice president of strategic partnerships for Two Roads Hospitality.

Jason Gage, MPA '93, of Springfield, Mo., is the city manager of Springfield.

Jana Hawley, PhD '93, is dean of the College of Merchandising, Hospitality & Tourism at the University of North Texas.

★★ **David Rankin, BS Acc '94**, of Leawood, Kan., is senior vice president of Seaboard Corp.

★★ **Nicki Webber Moore, BS Ed '96, MA '98, PhD '02**, of Chapel Hill, N.C., is vice president and director of athletics for Colgate University.

Anand Eswaran, MS '97, of Seattle is corporate vice president of Microsoft Enterprise.

★★ **Joyce Cacho, PhD '99**, of Washington, D.C., is on the board of directors of Sunrise Banks.

2000

★ **Adam Silverman, BJ '00**, of Colchester, Vt., is public information officer for the Vermont State Police.

Jessica Risker, BA '01, of Chicago wrote and released the album *I See You Among the Stars* (Western Vinyl, 2018).

Alison Berry, BS BA '02, of St. Louis is a partner at HLK.

Timothy Garrison, MPA '02, JD '03, of Springfield, Mo., is U.S. attorney for the Western District of Missouri.

Kevin Heneghan, BS BA '02, of Lake St. Louis, Mo., is president and CEO of New Frontier Bank.

★ **Justin Glisan, BS '05, MS '07**, of Des Moines, Iowa, is Iowa's state climatologist.

★ **Jennifer Antelman, MS '07**, of Daly City, Calif., is senior project manager at Sony Interactive Entertainment.

Brad Johnson, MPA '07, of Lakeland, Fla., is assistant county administrator for Sarasota County, Florida.

Peter D'Amour, BGS '08, M Ed '14, of Blacksburg, Va., is head softball coach at Virginia Tech.

C. Wade Foster, BS IE '09, of Sunnyvale, Calif., and **Bryan Helmig, BS BA '09**, of Mountain View, Calif., co-founded Zapier.



A FINAL BOW

America lost some of its artistry on June 10, when *America's Got Talent* winner Neal E. Boyd, BA '01, died at age 42 in his mother's Sikeston, Missouri, home. Millions will remember how, in 2008, the singer delivered an impassioned performance of the beloved tenor aria, "Nessun Dorma." Ann Harrell, his voice teacher at MU, still remembers watching him wow the audience with his live rendition of Puccini's classic in front of 12.55 million TV viewers to clinch the contest.

But she relishes another of Boyd's victories even more: the 2000 Music Teachers National Association's Young Artist Voice Competition, the country's most prestigious college music contest. "I remember going there with him and sitting in the room as he sang," says Harrell, who retired from MU in 2016. "It was a small room with three judges. There was a lot of pressure. You're really close to the judges, which is not an easy task when you're singing for 30 minutes. He just sang his heart out. For me, that was the most dramatic and satisfying moment."

Boyd went on to perform at Carnegie Hall in New York; headline a show in Las Vegas; debut the role of York in *Corps of Discovery*, a musical drama about the Lewis and Clark expedition; and release an album, *My American Dream*.

"He had an exceptionally beautiful instrument," Harrell says. "It was a very, very pleasing sound that could lend itself to a range of not only types of music but also ranges of emotion. He could sing something simple and dear, but he could also sing bigger operatic arias with great presence and with the drama one needs to be able to pull something like that off." — *Kelsey Allen, BA, BJ '10*



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2010

Christopher Limbaugh, JD '10, of Jefferson City, Mo., is general counsel for Gov. Mike Parsons.

Teryn Schaefer, BJ '10, of Jacksonville, Fla., participated in the 11th World Invitational Father & Daughter Golf Tournament in Waterville, County Kerry, Ireland.

★ **Jordan Carlisle, BA, BS BA '13**, of Little Rock, Ark., is vice president of economic development for the Greater Bentonville Area Chamber of Commerce.

Emilie Stigliani, MA '13, of Burlington, Vt., is digital director of the *Burlington Free Press*.

Hanna Battah, BJ '15, of Dallas is weekend morning anchor of KDFW Dallas and solo anchor of Good Day Saturday and Good Day Sunday.

Fridah Mubichi, PhD '17, of St. Louis is an evaluation and research specialist at ARCHS (Area Resources for Community and Human Services).

Lauren Lanter, BS '18, of Kansas City, Mo., was an intern at the Baseball Hall of Fame in Cooperstown, New York.

Births

★ **Matthew Melton, BA '01**, and ★ **Kylene Richardson, BA '02**, of Columbia announce the birth of Knox Christian June 14, 2018.

Faculty Deaths

Raymond Semlitsch of Columbia June 10, 2018, at 64. He was a Curators' Professor in the Division of Biological Sciences.

Deaths

★ **Katherine Head, BS Ed, MA '43**, of Palmyra, Mo., March 15, 2018, at 97. She was a member of Delta

Gamma and taught public speaking and English at various colleges.

Vincent L. Scott, BS ChE '43, of Freeport, Texas, Nov. 16, 2017, at 97. He worked for Dow Chemical Co. for 40 years.

Lee Menssen, BS Ed '46, of Duluth, Minn., April 17, 2018, at 94.

★ **Robert Landes, BA '50**, of Belleville, Ill., May 7, 2018, at 88. He was a minister with the Presbyterian Church USA and a social worker for the Illinois Department of Public Aid.

★★ **James Stover, BS BA '50**, of New Braunfels, Texas, Feb. 7, 2018, at 90. He was a member of Pi Kappa Alpha and a drum major for Marching Mizzou.

★★ **Carl J. Gessler, BS BA '51**, of Hot Springs, Ark., May 15, 2018, at 88. He was a member of Kappa Sigma and a U.S. Army Korean War veteran.

★ **Joe Raymond Cox, Med '51**, of Springfield, Mo., May 18, 2018, at 97.

★ **Wayne D. Smith, BS Ag '51, M Ed '52, DVM '56**, of Green Castle, Mo., May 28, 2018, at 90. He worked for the Missouri Angus Association.

★ **T.J. Vogelweid, DVM '51**, of Moberly, Mo., May 26, 2018, at 99. He was a member of Phi Kappa Theta and served in the U.S. Army.

★★ **Roy Beavers, BS BA '52, MA '70**, of Lebanon, Mo., April 21, 2018, at 88. He was a member of Kappa Sigma and a U.S. Navy veteran of the Korean and Vietnam wars.

★ **James Harlow Jr., BA '52**, of Holly, Mich., March 20, 2017, at 86. He was



Going Beyond Aid

Every day Sarah Roffler drove to work at a nonprofit ministry in Texas, she'd pass the headquarters of Mercy Ships, an international faith-based organization that works to make health care more accessible. Mercy Ships and its floating hospitals work with local partners to strengthen health care systems and to provide free treatments and training programs.

When Roffler, BSN '08, moved to Africa in 2004 to work as a missionary, she volunteered on one of the hospital ships, helping out with tours while the ship was docked.

Seeing international and local health care professionals collaborating, going beyond aid and becoming part of a broader approach for systemic development, ignited a fire in Roffler. Although she already had a bachelor's degree in communication from Oral Roberts University, she moved back to the U.S. to pursue an accelerated Bachelor of Science degree in nursing from Mizzou.

"I spent a lot of time in and out of hospitals as a child," says Roffler, who grew up in Manhattan, Kansas, and had three surgeries by the time she was 17. "Being a nurse is something I was created to do. It took a long time to discover that, but it's who I am."

After delivering a commencement address at the Sinclair School of Nursing's ceremony, Roffler moved back to Texas where she works as a nurse in the operating room at Baylor University Medical Center in Dallas. In October 2017, she boarded a hospital ship operated by Mercy Ships again — only this time, she assisted local and international surgeons with complex maxillofacial operations and ophthalmic care in Cameroon for two weeks.

"When people say, 'Wow, you must feel great about that,' I don't know how to explain that that doesn't enter my mind," Roffler says. She sees it as an opportunity to serve others and enable the local health care system. "If I can help, how can I not do that?" — *Kelsey Allen, BA, BJ '10*

† Sarah Roffler, BSN '08, volunteered in the operating room on the world's largest private hospital ship assisting local and international surgeons with complex maxillofacial operations.



The Picture of Success

Sam F. Hamra has all the hallmarks of success. He has buildings named after him. He's served on several boards. He's earned lifetime achievement awards in business and philanthropy. And then there's his Wall of Fame — or, rather, Walls — in his homes and at Hamra Enterprises, the multimillion-dollar company he founded in 1975 and still chairs at age 86. On them hang pictures of Hamra, BS BA '54, JD '59, with celebrities and dignitaries. Many are, like Hamra, self-made men, including Walmart founder Sam Walton, Wendy's founder Dave Thomas and actor Danny Thomas.

Born in the Missouri Bootheel town of Steele, Hamra inherited his enterprising spirit from his father, a Lebanese immigrant with an eighth-grade education who opened a store catering to the region's cotton pickers. As an undergrad, Hamra worked as many as three jobs and, as a Kappa Sigma fraternity member, delivered and sold homemade sandwiches to sorority houses and girls' dormitories during late-night study hours. "It was a moneymaker and a pleasure. We met quite a few young ladies that way," says the man who'd go on to meet Elizabeth Taylor and Kathleen Turner, both on his Wall of Fame.

After earning his degrees from Mizzou and an honorable discharge from the U.S. Army, Hamra built a successful law practice in Springfield, Missouri. In 1975, his purchase of a Wendy's franchise marked the start of Hamra Enterprises, which now owns and operates 156 restaurants, two hotels and real estate in four states. A persuasive letter writer, Hamra got Bob Hope (another Wall of Famer) to attend the ribbon cutting for his third Wendy's.

Hamra became active in political fundraising in Missouri for the campaigns of Jimmy Carter,

Bill Clinton and Barack Obama, who share Wall of Fame space with Ted Kennedy, Colin Powell and Donald Trump.

"He's got so darn many of those photos in his office and recreation room, but let me tell you about Sam," says Tom Schultz, BJ '56, Hamra's fraternity brother and longtime friend. "Although he's done very well for himself, he's never forgotten his roots, including his time at the university."

Asked to name some of the more prominent people on his wall, Hamra launches into a long list before pausing to say, half-jokingly, "I don't want to leave anyone out."

Not leaving anyone out has been part of his life's work. In 1976, he founded Legal Services of Southern Missouri to provide legal counsel and representation to those who can't afford it. The organization's building carries his name. Among his many gifts to MU is a scholarship fund to encourage African-Americans to attend law school. Hamra and his wife of 62 years, June, MA '59, also established research and building funds for the School of Law and the new School of Music, respectively. (Two of the four Hamra children earned law degrees at MU.)

In 2017, Hamra Enterprises was named Philanthropic Business of the Year by the *Springfield Business Journal*. Hamra's Wall(s) of Fame notwithstanding, he'll be the first to tell you the true measure of success is not who you know. Danny Thomas, who sponsored Hamra as a St. Jude Children's Research Hospital board member and who occupies a place of honor on Hamra's wall and in his heart, spoke the words that Hamra lives by: "Success has nothing to do with what you gain in life or accomplish for yourself. It is what you do for others." — Dawn Klingensmith, BA, BJ '97

Precious Stones

The Mizzou Alumni Association's Columns program rewards high-achieving chapters in part by funding scholarships they give to local MU students. At the top of the heap are Capstone chapters, which complete the most activities — anything from hosting watch parties to contacting legislators in support of MU's best interests. For 2017–2018, the association recognized 32 of these accomplished groups, which hail anywhere from Missouri counties to cities nationwide:

- Adair County**
- Atlanta**
- Audrain County**
- Bates County**
- Boone County**
- Buchanan County**
- Callaway County**
- Chicago**
- Cole County**
- Dallas-Fort Worth**
- Franklin County**
- Great River** (Hannibal, Missouri-Quincy, Illinois)
- Greater Ozarks** (Springfield, Missouri)
- Heartland** (Southeast Missouri)
- Houston**
- Indiana Mizzou Crew**
- Kansas City**
- Lincoln County**
- Los Angeles-Orange County**
- New York City**
- Northeast Florida** (Jacksonville)
- Ozarks Black and Gold** (West Plains, Missouri)
- Parkland Area** (Farmington, Missouri)
- Rocky Mountain Tigers** (Denver)
- Saint Louis**
- San Diego**
- Southwest Missouri** (Joplin)
- Tigers of the Corn** (Omaha, Nebraska)
- Tornado Alley Tigers** (Wichita, Kansas)
- Triangle Tigers** (Raleigh-Durham, North Carolina)
- Valley of the Sun** (Phoenix)
- Washington, D.C.**

BY THE NUMBERS

Member Mashup

Mizzou Alumni Association members are a varied bunch. Here are just a handful of categories making up the **total membership of 34,066**:

Missourians:
19,719

Oldest: 103
Youngest: 18

Annual members: 21,777
Life members: 12,289

Greeks:



9,860

Farthest country of residence:



Australia

Students: 2,561

LIFE MEMBER STUDENTS: 58



Former Marching Mizzou:

869

MIZZOU BLACK ALUMNI NETWORK: 1,009

Legacy

(parent or grandparent graduated from MU):



8,236

Seniors

(age 65 and older):

6,463

Friends (nongraduates): 1,934

Donors:

24,299



Recent graduates

(up to 3 years postgraduation):



4,083

a U.S. Army Korean War veteran and worked at Consumers Power for 30 years.

★★ **Thomas Campbell, BJ '53**, of Houston April 18, 2018, at 87. He was a member of Kappa Tau Alpha, served in the U.S. Navy, and worked in corporate communications and public relations.

★ **Sidney Powell Jr., BS Ag '53, MS '54**, of Columbia May 20, 2018, at 87. He was a member of Alpha Gamma Rho and a U.S. Army veteran.

★ **Robert Byler Jr., MA '54**, of Venice, Fla., April 28, 2018, at 87. He was a signal corps film photographer for the U.S. Army.

★ **J. Eugene Sally, BS BA '55**, of La Jolla, Calif., March 16, 2018, at 86. He served in the National Guard during the Korean War, was a state representative in the Missouri House of Representatives from 1958 to 1962, and was a 1972 delegate to the Democratic National Convention.

★★ **James Clark Have-**

nor, BA '56, of Lawrence, Kan., May 1, 2018, at 84. He served in the U.S. Army and completed a 30-year career with the Social Security Administration.

Daniele Di Piazza, MA '57, PhD '66, of Madison, Wis., July 12, 2017, at 86.

★★ **James Franklin Hughes, BS Ag '57**, of Auxvasse, Mo., May 16, 2018, at 82. He served in the U.S. Army, worked in ag sales for MFA and ran Hughes Brothers Sales.

Auttis Mullins, PhD '57, of Jerome, Idaho, March 26, 2018, at 93. He was U.S. Navy World War II veteran.

★★ **Veldon Holaday, BS EE '58**, of Yarmouth, Maine, May 7, 2018, at 86.

★ **Tom Cushman, BJ '59**, of San Diego July 12, 2018, at 83. He was a sports-writer in Colorado Springs, Colorado; Philadelphia; and San Diego.

★ **Clifford L. Greenwalt, BS CiE '60**, of Springfield, Ill., May 17, 2018, at 85. He was a U.S. Air Force Korean



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Garden Symposium

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Mizzou Botanic Garden website: gardens.missouri.edu or call 573-882-6896.

TAKING UP THE QUILL

The Jefferson Club board of trustees honored six MU alumni with Jefferson Club Golden Quill Alumni Excellence Awards. Their names were added to the Jesse Hall Notable Alumni Wall, which was dedicated in May 2006. The class of 2018, below, joins the likes of U.S. Rep. Martha Wright Griffiths, BA '34; Emmy Award-winning investigative journalist Lisa Myers, BJ '73; astronaut Richard "Dick" Richards, BS Che '69; Nobel laureate Frederick C. Robbins, BA '36, BS Med '38; and playwright Tennessee Williams, Arts '32.



Eliot F. Battle, M Ed '60, the first African-American teacher at Hickman High School in Columbia



Pam Nicholson, BS HES '81, president and CEO of Enterprise Holdings Inc.



Muriel Williams Battle, M Ed '76, EdD '82, the first African-American principal in Columbia Public Schools



Donald W. Reynolds, BJ '27, founder of Donrey Media Group (now Stephens Media)



F. Robert Naka, BS EE '45, inventor of stealth technology



Max Scherzer, Bus '06, the Cy Young Award-winning pitcher for the Washington Nationals

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War veteran and a registered professional engineer in Missouri and Illinois.

★★ **Neal McCullough, BA '60, MA '61**, of Richmond, Mo., May 29, 2018, at 79. He investigated and prosecuted corporate tax fraud for the IRS for 31 years.

★★ **Billy E. Hooper, BS Ag, DVM '61**, of West Lafayette, Ind., June 6, 2018, at 86. He developed the first District of Columbia office of the Association of American Veterinary Medical Colleges and served as its first executive director.

★ **Harvey Levine, BA '61**, of Rancho Santa Margarita, Calif., Sept. 9, 2017, at 78.

Sara Beth Canaday, BS Ed '62, of Ithaca, N.Y., April 27, 2018, at 77. She was a member of Alpha Phi and worked for the Cornell University Real Estate Department.

David Dustin, MA '62, of Richmond, Va., Nov. 11, 2017, at 80. He worked for Morgan Stanley.

★★ **Earl F. Hilton, BA '62**,

of Richmond, Va., Oct. 12, 2017, at 80. He was a member of Kappa Alpha Order, served in the Missouri National Guard and worked as a product manager for Owens-Illinois.

★★ **Clayton Hasser, BJ '63**, of Kansas City, Kan., May 31, 2018, at 77. She was publisher and vice president of publications for the American Academy of Family Physicians.

★ **Kenneth Kombrink, BA '63, JD '68**, of Bloomington, Ill., March 25, 2018, at 72. He was a Sigma Chi member, a U.S. Army veteran, and a Tiger quarterback in 1966 and 1967.

★ **David Wilhite, JD '66**, of Lebanon, Mo., April 26, 2018, at 81. He was a partner at the Donnelly, Baldwin and Wilhite Law Firm.

★★ **Jane Sautter, BS Ed '67**, of Huntsville, Ala., Aug. 3, 2010, at 65.

★★ **Tricia Volkert, BS Ed '67, M Ed '68**, of Columbia May 8, 2018, at 73. She was a volunteer

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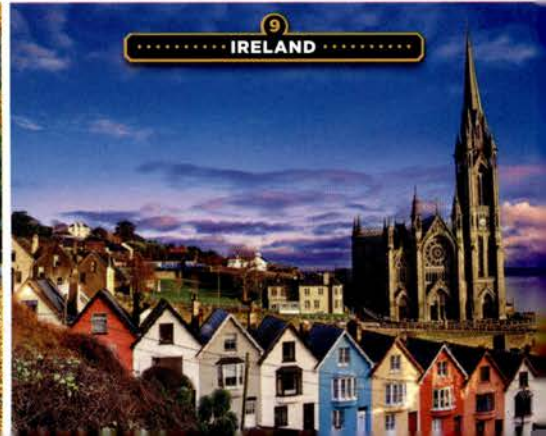
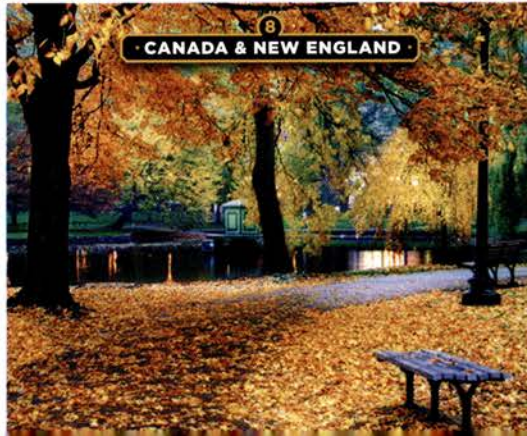
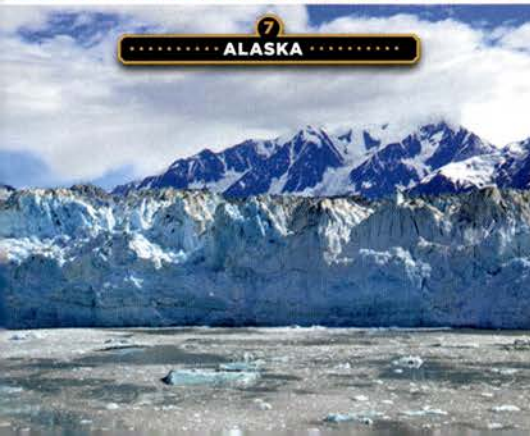
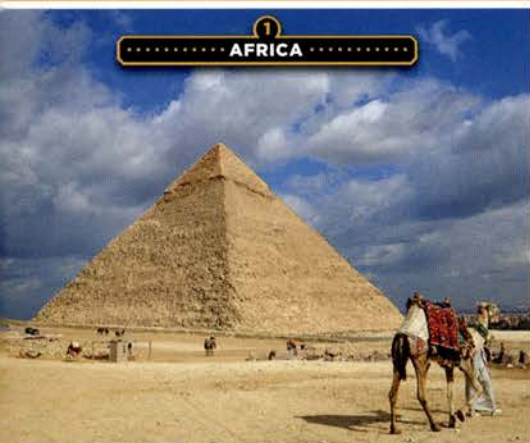
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★ **Michael Farley, BS Ag '68**, of St. Louis May 28, 2018, at 71.

★★ **Paul E. Langan, EdD '70**, of Marion, Ill., Feb. 15, 2018, at 87.

★ **Anthony Go, MS '72**, of Simi Valley, Calif., Dec. 6, 2017, at 73.

★★ **David Swallow, BS Che '72**, of Houston May 30, 2018, at 68. He founded ChemOrganics, a specialty chemical manufacturing company.

★ **Richard Edwards, MS '73**, of Tucson, Ariz., Jan. 20, 2018, at 77. He served in the U.S. Air Force as a first lieutenant.

★ **Robert Marquis, BS Ag '73, DVM '78**, of Glade Park, Colo., May 11, 2018, at 67. He worked as a veterinar-

ian and established Tiara Rado Animal Hospital in Grand Junction, Colorado, in 1983.

★★ **Donald J. Fries, BS BA '75**, of St. Louis July 31, 2017, at 64.

★★ **Merna Hoft, MS '75**, of Columbia May 19, 2018, at 90. She taught in the Columbia Public Schools and worked as a travel agent.

Brent Briscoe, BA '84, of Riverside, Calif., Oct. 18, 2017, at 56. He was a screenwriter and character actor who appeared in films including *Sling Blade* and *The Green Mile*.

★ **Kelly Lewis, BS Acc '84**, of Scottsdale, Ariz., May 18, 2018, at 55. He was a member of Tau Kappa Epsilon and served as the deputy general counsel for GoDaddy from 2007 to 2011.

★ **Kristine Boccardi, BS Ed '91**, of St. Louis May 4, 2018, at 48. She was a member of Chi Omega and taught kindergarten at Hagemann Elementary School.

★★ **Kathy Craghead, M Ed '91**, of Mexico, Mo., May 23, 2018, at 64. She taught English at various Missouri high schools and retired from Mexico High School after 24 years.

★★ **Janna Hechler Fick, BS Ed '94, M Ed '97**, of Columbia May 12, 2018, at 46. She was a member of Kappa Kappa Gamma and taught several subjects at Hickman High School.

★ **Neal E. Boyd, BA '01**, of St. Louis June 10, 2018, at 42. He won *America's Got Talent* in 2008. See Page 55 for a story about Boyd.

★ **Bridget Harrison, BA, BS '05**, of Wichita, Kan., at 35.

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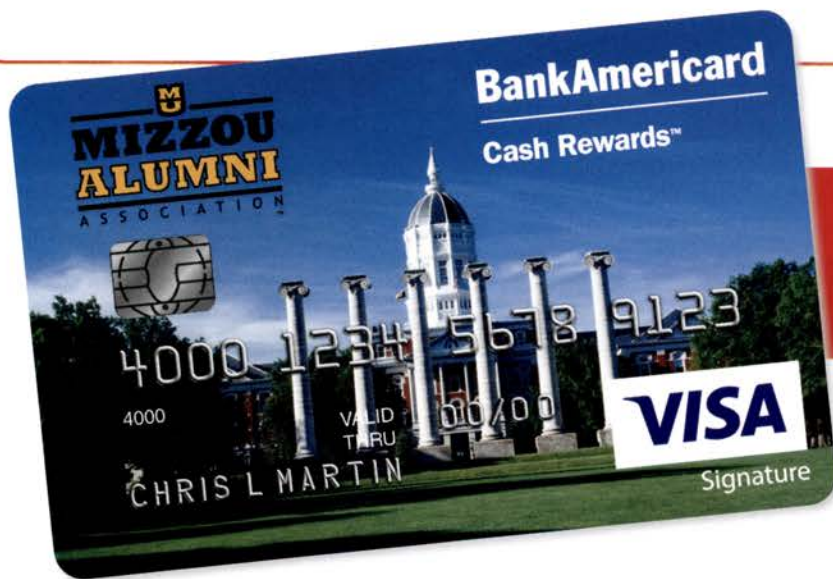
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Megan's Rally

While laboring through the 5,000-meter run at the SEC Indoor Track and Field Championships on Feb. 25, 2018, Megan Cunningham caught larger-than-life glimpses of herself leading the pack. She knew that what she was seeing on the video board in Texas A&M's stadium was what her father, Joe, was watching on the SEC Network back home in St. Louis.

"You get to that point where you're starting to feel sorry for yourself a little bit," Cunningham says. "I told myself, 'You know, you're getting close to the end, and they're probably coming back from commercial because they always cut out in the middle of the 5K. You're going to be on that screen, and your dad is going to be watching.'"

On July 10, 2015, father and daughter were passengers in a truck driven by Megan's mother, Denise, on their way to a camping trip in Wyoming. Near Salina, Kansas, the camper they were towing started to fishtail. When Denise applied the brakes, the camper swung out wide, yanking the truck perpendicular to the road. It rolled five times. For Cunningham, everything went black.

She woke up in Salina Regional Health Center in traction. She had multiple skull fractures and a broken neck. Joe had similar injuries. Cunningham's fractures were in her T1 and C7 vertebrae and the C8 spinal nerve at the base of the neck. Joe's were a bit higher, the C5 through C7 vertebrae. Cunningham could wiggle her fingers and toes. Her father was paralyzed.

When Marc Burns, Missouri's cross-country head coach, heard about Cunningham's injuries, he headed to Salina and visited her in the hospital. "We were just hoping she would be able to walk again, be a mom and things like that. You don't even think about whether she'll be a runner again."

Growing up in Eureka, Missouri, Cunningham never seemed destined to be a star runner. She ran her first race as a fourth-grader only because it meant she could miss a day of a school. As a senior at Eureka High School, she placed a respectable but unexceptional 11th at the state cross-country meet. Division I coaches were not following her career. So, she made a move, calling Mizzou's coaches asking if she could join the team as a walk-on.

Her belief that she had more to offer than anyone else realized served her well again after the accident. Cunningham returned to Mizzou in August 2015 wearing a neck brace and able to do nothing more strenuous than walk across campus. Four months later, she was cleared for nonimpact activities. In



† In 2015, Megan Cunningham lay in a hospital bed with a broken neck. This spring, she ran for an SEC championship.

January 2016, she got the go-ahead to jog.

Although severe headaches and other lingering effects of her injuries sometimes prevented Cunningham from training, she steadily improved. During her senior indoor and outdoor track seasons in 2018, she posted better distance times than any woman in the SEC other than teammate Karissa Schweizer.

"I surprised myself every day constantly improving," Cunningham says. "I just took little steps, and gradually over time, I'd look back and say, 'Wow, I have no idea how I possibly made up this much ground.'"




At the SEC Indoor Championships, Cunningham led almost the entire race. With her mom in the stands and her father there in spirit, Cunningham powered through to win with a time of 15 minutes, 56 seconds. That was 25 seconds faster than her closest competitor. After the race, she called her dad, who was in tears.

Since then, Cunningham has kept putting one foot in front of the other. She won the 10,000 meters at the SEC Outdoor Championships, graduated with a degree in biology and is preparing for her first year at Eastern Virginia Medical School.

"It's been an incredible journey, and I've had so much support behind me throughout the process," she says. "I wasn't winning for myself. I was winning for everybody who helped me come back along the way." — Joe Walljasper, BJ '92

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