

TODAY



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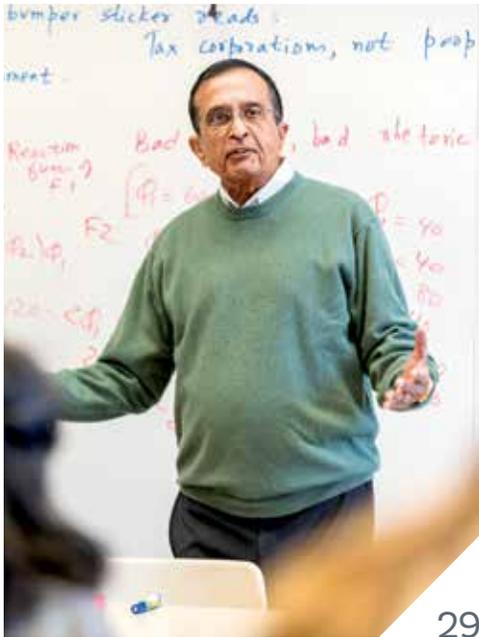
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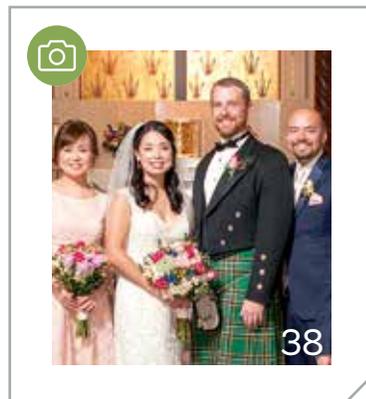
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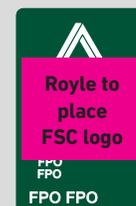
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HOW FREE IS FREE?

BY BRIAN ROSENBERG

An important part of my job is standing before groups of inquisitive people and answering questions. Virtually every time I do so these days, I am asked about the subject of “free speech” (or the ostensible lack thereof) on college campuses.

Rarely do these questions have easy answers. People, I have found, tend not to ask questions that have easy answers, at least when they are querying me.

About the only unassailable observation about so complex a subject is this: the nature of what free speech means on a college or university campus—the extent to which it must be limited, if at all, by other considerations—has not for many years been more vexed or prominent.

Here are some of the points I make when asked about the subject, stripped of the emotion and hyperbole by which it is often enveloped.

(1) The nature of the question is different for public and private college campuses. Most public campuses are subject to the rules that govern public property and are therefore bound to a very expansive understanding of free speech. Private colleges are private property and have more latitude to establish, should they so choose, narrower limits on free speech. Put simply, a person’s free speech rights do not extend to the right to post a sign on the lawn of your home.

(2) For a private college, the central question regarding speech is less constitutional than educational. That is, the fundamental question is not “What is guaranteed by the first amendment?” but “What is most likely to create an environment conducive to teaching and learning?”

The best learning environments are those in which a wide range of views can be expressed, even views that are unpopular. This is both an essential tenet of academic freedom and the best way for all of us to become smarter. Being surrounded only by those with whom one agrees is not conducive to learning (and, as an aside, is one of the many harmful effects of social media).



(3) That said, it is reasonable for a private college to establish community expectations regarding civility, harassment, and discrimination that place limits around forms of speech that are otherwise constitutionally protected. For example, it is not illegal to display a swastika or to hang a noose from a tree. It is reasonable and permissible for a private college to decide that the display of a swastika or the hanging of a noose is a violation of campus policy and subject to disciplinary action. What is crucial in these cases is clarity and consistency: the college must be as clear as possible in its definition of prohibited forms of speech and must be consistent in its application of the rules.

(4) Here is what Macalester’s student and employee handbooks state on this subject: “Macalester College values the

right to free speech and the open exchange of ideas and views in our learning environment....[but] Any act that has the purpose or effect of unreasonably or substantially interfering with an individual’s safety and security by creating an intimidating, hostile, or offensive educational or working environment will not be permitted.” This language is straightforward, though it is difficult to see how any statement could avoid all ambiguity. Words like *unreasonably* and *substantially* will mean different things to different people.

(5) In general, speech that poses a direct threat to the safety of an individual or group—“I am going to burn down your house”—is not constitutionally protected. The single most challenging issue for college campuses, and the one that has



sparked the most controversy, is establishing the definition of a “threat to safety.” The simple expression of views with which one disagrees, even passionately, is not by itself a threat to safety sufficient to limit speech. There is, however, a grey area between overt physical threat and mere disagreement within which each campus must consider where and whether to establish limits. A swastika marked on the entryway to a residence hall might not constitute a direct threat to any particular student, but it can be construed as a threat to Jewish students on campus; similarly,

a noose hung from a tree outside a building can be construed as a threat to African American students. Such threats can make it more difficult for students to pursue their studies and may therefore be declared impermissible. While it is true that students on some campuses have gone too far in their definitions of what is threatening, it is also true that some observers have been too dismissive of the potential for expression of such things as overt racism, sexism, or homophobia to interfere with a student's pursuit of an education.

(6) Private colleges have an educational obligation to be expansive in their invitations to and tolerance of outside speakers, but not an obligation to permit anyone to speak, particularly when financial costs are involved. Distinctions should be based not on the views of the speaker, but on the quality and seriousness of the speaker, as judged by reasonable academic standards. A biology department is not obligated to allow a creationist a platform if in its professional view the claims of the speaker do not hold up to rigorous scientific investigation. A political science department is not obligated to provide a platform for a mere provocateur. These distinctions of course involve making informed, qualitative judgments, but that is precisely what the faculty, staff, and students at a college are expected to do every day.

(7) Protests against speakers with whom one disagrees are an acceptable form of expression on a college campus; protests that prevent someone else from speaking are not. Putting aside the obvious ethical problem—by what calculus does one person's right to speak supersede another's?—such protests have proven time and again to be unpersuasive and even counterproductive.

(8) These issues are likely to remain visible and challenging in a time of sharp polarization. Colleges should respond by doing what they do best—teaching—and so courses like U.S. Civil Rights and Civil Liberties, taught this semester in Political Science, and Civil Rights in the United States, taught this semester in American Studies, have never been more important. **M**

Brian Rosenberg is president of Macalester College.

In praise of whiteboards

President Rosenberg writes “Higher education in general and liberal arts education in particular are these days criticized and caricatured in ways that I find deeply frustrating.” He continues: “I offer, in response, whiteboards.” As if students and faculty congregating around whiteboards will, *de jure*, address the deepening cleavage that exists between elite academic institutions and the rest of society.

I am as much a believer as anyone. My senior year I wrote in the *Mac Weekly* advocating that one hour per semester be devoted to discussing how each particular course fits into a broader liberal arts curriculum. Today's academic leaders lament the attacks on higher education, without, it seems, offering pragmatic solutions. In today's highly fractured society, installing more whiteboards just won't suffice. It may in fact worsen the perception that many campuses are out of touch.

A more meaningful response would be for the administration to lead students and faculty in an effort to showcase Macalester as a place where diverse opinions, including conservative right-wing views, are welcome.

Why not invite Kentucky Governor Matt Bevin, who said: “All the people in the world who want to study French literature can do so; they're just not going to be subsidized by the taxpayers like engineers will be, for example.” I disagree with that statement, but a calm, rational debate with the Governor would showcase Macalester's tolerance for pluralistic thinking.

It was twenty years ago that Ted Turner, who just months earlier donated \$1 billion to boost the work of the United Nations, was essentially chased off campus as a graduation speaker and honorary degree recipient when a segment of the Mac community protested the name and mascot of the Atlanta Braves, a team he then owned. Excluding views that differ from the prevailing (or minority) opinion of our community is craven, and I've often wondered if that Ted Turner debacle set the stage for the wave of intel-

lectual intolerance and political correctness that is today so associated with elite colleges and universities.

Maybe those whiteboards could be used to brainstorm further on this subject. In the meantime, when Kofi Annan returns to campus later this spring for the renaming of the Institute for Global Leadership, how about if he brings Ted Turner along with him? We may just emerge stronger as a community, and the photo op in front of the UN flag would be pretty nifty.

Paul Smyke '85
Lexington, Mass.

What about giving?

It was the season of altruism, between Halloween and Thanksgiving. On our church's electric sign, at a busy intersection in South Minneapolis, we had phrases lit up for all to see:

- Consider the modern tithing: 5% to your spiritual community and 5% to other good causes.
- Where your treasure is, there your heart will be.
- You cannot serve God and wealth.
- Giving money away for the common good is a practice in all of the great religions. It is part of being fully human.

So I was disturbed that the author of “Making the Most of Your Money” (Fall 2017) declares that “financial literacy involves goals and plans for saving, planning, budgeting, investing” but not for giving.

That said, I loved everything else in this issue, especially President Rosenberg's “A Sixty-Year-Old Smiling Public Man.”

Sarah Campbell '82
Minneapolis

Rev. Campbell is Team Lead Minister at Mayflower Community Congregational Church, UCC.

Correction: “Making the Most of Your Money” (Fall 2017) included a calculation error. Investing \$200 per month from age 25 to 65, with an annual return of 6 percent per year, will produce about \$381,500.

1600 GRAND



Sharing Stories Through Poetry

Kiante Miles '20 (Yukon, Oklahoma) believes that poetry can communicate controversial topics in ways that encourage healthy dialogue. So when the computer science major/football player applied for a Live It Fund entrepreneurship grant, he designed a project infused with poetry. By helping high school students share their stories through poetry, Miles hopes to target issues like racism, and bridge a gap between groups that “claim to be so different, but talk about each other in the same way.”

During winter break Miles returned to Mustang High School, his alma mater in Oklahoma, to teach

poetry. The project culminated with the Mac sophomore emceeding an open mic evening, attended by some 30 students, parents, and faculty. Most students had never previously shared their poetry, says Miles, and the connections made with the community were moving and powerful.

Next, Miles plans to take his project to St. Paul high schools. When it's complete, he'll publish the student poems in a book to be titled *Voices in the Wind*, which he hopes will help students realize that their voices matter and are being heard.

Fresh Version of Hell

In the 14th century, Dante Alighieri wrote his *Divine Comedy*, an epic poem perhaps best known for the segment called *Inferno*, which tells of Dante's journey through Hell. The text has been translated dozens of times; now the work has received fresh visual interpretation in a grand 10-foot by 5-foot drawing by artist and professor Megan Vossler.

Intrigued by her reading of Mary Jo Bang's contemporary translation, Vossler was inspired to create *Geothermia*, her own vision of the classic allegory. Her close reading of the text—and 18 months of drawing—resulted in an intricate exploration of the poet's nine circles of Hell.

Not constrained by the concept of circles, Vossler has created a landscape that can be read from left to right, beginning with Limbo, where, Vossler says, "people who weren't terrible, but didn't accomplish anything good either, march endlessly through a grassy field of regret." Each physical landscape provides punishments appropriate to the sins committed. Lust features a tornado-

like windstorm, punishment for those with uncontrolled physical desires. Fraud, with the telling text "Trust me," includes a specific Hell for corrupt politicians, seen sinking into a tarry river.



MAC SOCIAL



Instagram: Mac students at *Black Panther* movie. Visit Mac's social media hub at macalester.edu/macsocial to see more posts—and join in by using the #heymac hashtag when you post on Twitter or Instagram.

DRAWING: COURTESY OF MEGAN VOSSLER

Goodbye, Mr. President

Have you held other student government positions?

My sophomore year I chaired the Student Organizations Committee, where I helped students start their own organizations. That gave me a lot of satisfaction and fulfillment—I remember so many instances where students came to me with this vague idea for an org that they wanted to create, and then six weeks later I was attending an event their org was hosting.

What were your presidential priorities?

Improving accessibility to health and wellness resources outside of office hours. We also worked on the graduate school admission test bill, which provides students with graduate school registration fees. About 50 students have already been notified that they have received a grant.

What do you wish people knew about MCSG?

MCSG has a lot of potential and resources when it comes to questions of, how do I make my voice heard or how do I take this plan forward? Students often forget MCSG is there to facilitate those ideas.



Macalester College Student Government President
Suveer Daswani '18
(Mumbai, India)

1600
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BURST OF CREATIVITY

Last February, 11 student teams competed for the \$1,000 prize in Macalester's first-ever MacroBurst contest, a 24-hour artistic competition. The winning team, Winnie and the People (above), wrote and illustrated a children's book called *A Bedtime Story for College Students*.



PHOTOS: DAVID J. TURNER

TENURE, PLAID, AND PIPERS

When the sound of bagpipes reverberates through the halls, it's a sure sign that someone has received tenure. This year Macal-ester granted tenure status to (from top): Lesley Lavery, Political Science; Michael McGaghie, Music; and Kari Shepherdson-Scott, Art History. All three arrived at the college in 2012.



Dr. Erin Vogel



Eating Like Apes

"One of the things humans have in common with orangutans is that when we are placed in an energy-rich environment, we both get fat," says Dr. Erin Vogel. In the wild, orangutans use their stored fat during times of scarcity, but for humans, this ability is a deficit. Vogel gave the David W. McCurdy Distinguished Lecture in Anthropology at the college in March. Her research with orangutans in Borneo, Indonesia, seeks to provide more clues into the worldwide obesity epidemic.

1600
GRAND



PING-PONG: THE CLUB

One would think that with an alumnus like **Kofi Annan '61**—Macalester's most famous ping-pong champion—the college would have long had a ping-pong group. But strangely, there wasn't one until two years ago. **Ryan Perez '20** (Chicago), the club's cofounder and co-chair, says the group meets most weeks at tables around campus for friendly games, mini-tournaments, and camaraderie.



ATHLETICS

BACK ON THE FIELD

The softball season kicked off on Feb. 23, the earliest opening in several years. Still, it was a long time coming for second-base player **Katja McKiernan '18** (Los Angeles), who was sidelined early last season when she was badly injured while sliding into base. With the help of a rehab program created by college athletic trainers, McKiernan, an applied math and statistics major, was more than ready to return to softball this spring. In fact, by fall she was ready to play her other sport—soccer.

As a two-sport athlete, McKiernan did not find it easy to study overseas, but she took advantage of a shorter opportunity to engage with the wider world when she traveled to South Africa in January with her softball teammates. In Cape Town, the women hosted softball clinics for local children. They also played a few local teams and learned about the area's history, natural beauty, and severe water shortage.

STARTUP GURU

Longtime Silicon Valley business developer **Roya Ansari '83** is working hard, having fun, and giving back to Macalester.



Roya Ansari hates to shop. So, like many of us, she took to ordering clothes online. The problem is, Ansari is petite—just 5 foot 3 inches and 120 pounds—so when the lovely knee-length skirt she ordered arrived, its hem usually was grazing the floor.

This conundrum gave her the idea for her first direct-to-consumer company: Trendage, a fashion app that allows users to build their own lifelike bodies (height, weight, hairstyle, etc.) and “try clothes on” their online avatars. A slide of the thumb allows customers to mix and match clothes among brands, but to do so on their own realistically shaped bodies.

“We wanted to make it entertaining, fun, and engaging,” she says. “The user’s attention span is short and you have to create a compelling experience online. We’ve found a great partner in Facebook and just launched globally on the Facebook Messenger platform, along with a limited group of gaming companies.”

Ansari, a Silicon Valley veteran, has spent most of her career on the business-to-business side. Both of her previous startups were acquired within five days. The first was Mozaik Multimedia, founded in 2007, a pioneer in providing interactive content across any digital screen, which was acquired by Rambus. Her second was a supply chain software and services company called SiliconExpert Technologies, which she began in 2000 during the dot-com bust.

When SiliconExpert was acquired in 2012 by Arrow Electronics, it had more than 400 employees and 1,000 global customers. Once the sale was complete, Ansari opted to leave and start Trendage with a team she had worked with for over 10 years. “Chemistry and working with a team you know is one of the most important elements in creating and building a business,” she says. “We knew each other’s synergies, strengths, and weaknesses.”

Ansari, a true entrepreneur, adds, “I like working with small teams, creating, building something, and making it grow. Startups are a lot of work. You have to put in a lot of sweat and have immense stamina—but I love it.”

Ansari started Trendage with angel investors, mostly family and friends. She is now working to raise money from institutional venture capitalists. Those potential investors have some impressive statistics to consider: Trendage has over a million registered users, and is growing by 12 percent a month. “But it’s the team,” says Ansari, “that is the number one element behind any creation, with passion running a close second. Without people and passion the product will not succeed.”

Ansari is finding talent not just in the Silicon Valley, where Trendage is based, but also in Brazil, Egypt, India, and other countries where skilled programmers, app developers, and data professionals can be found. “It’s interesting to find such impressive talent across the globe,” she says. “I’ve enjoyed working with teams from different cultures.”

Cross-cultural communication is second nature to Ansari, who grew up in Iran and later attended boarding school in Switzerland. “That’s where my understanding of multiculturalism really started,” she says. “In our dorm’s dining area, we’d be at a dinner table for eight, each one of us from a different country.”

Her comfort with diverse cultures is what led Ansari to choose Macalester, even then a globally aware college. She started in 1979, the year of the Iranian revolution. Because her father had been a member of Iran’s overthrown government, he moved his family to Richmond, Virginia, starting their lives over again. Ansari was 17, her brother 12. With the loss of their life in Iran, her father told them that only four things truly mattered: pride, faith, gut instinct, and education. “He told us if you have these four you will always be moving up in life.”

The education piece was key, of course, and Ansari cannot say enough good things about the one she received at Mac. “Those were the best years of my life,” she says. “I met so many people and made many friends that I’m still in touch with today. The education I received and the impact it made on me—Mac is a jewel.”

Determined to give back to the college in any way she can, Ansari has three times served as a Macathon innovation contest judge and hosts MacConnect students in her California home each January, introducing them to other alumni and area parents working in the tech business. “Sitting with people who have built successful careers and are sharing their experiences and openly offering help” is an amazing opportunity, Ansari says, adding with a laugh, “Now kids from other colleges are asking to come!”

Ansari is especially eager to help young women in the tech field, who still don’t enjoy the same network of support that men do. She was particularly impressed with the three young women, each a second-generation American, who led the 2016 Macathon team Polyglot—a language learning platform for endangered and underrepresented languages. Ansari helped them build their presentation and held frequent Skype meetings with them to guide and foster their progress.

“I feel obligated to help young women, especially those coming into the technology sector, so they do not have to face the same challenges I did,” says Ansari. “I want to share with them the lessons I’ve learned.”

One of those lessons, acquired early on, is the importance of sheer grit. When Ansari graduated from Macalester, her father wanted her to attend law school. She begged for a year off. He offered her a one-way ticket to San Francisco and told her that if she found a job within a month, she could stay the year. Two weeks into her stay, she overheard two women talking about a job opening for a tech company marketing assistant. After finding out where the company was located, she ran 12 blocks to its headquarters and told the receptionist she was there to apply for the job. She was hired on the spot.

A few weeks later she asked her manager why he had hired her, an unknown from off the street. He mentioned honesty and assertiveness, but mostly he said he was impressed that she’d made such a herculean effort.

It’s the kind of effort she is still putting forth today, with impressive results—both for her own businesses and for the Mac students she mentors. **M**

Lynette Lamb is a Minneapolis writer and editor.

FAR FROM HOME

For the Chang sisters, Macalester was an exciting but challenging mid-century respite from the political upheavals of their native China.

BY ELIZABETH FOY LARSEN

The first thing **Caroline Chang Lu '56** saw when she arrived on the Macalester campus in 1952 was the United Nations flag. She'd learned about the international organization as a high school student in Taiwan. Now she was alone on the other side of the world in St. Paul, trying to understand not only English but also the academic and social customs of American college students.

That flag reminded Caroline that she was indeed welcome at Macalester, her perspective valued on a campus that has long celebrated internationalism. Macalester was one of the first colleges in the country to fly the U.N. flag, which first appeared on campus in 1950. "The U.N. flag symbolically announced to the world our commitment to internationalism," says Aaron Colhapp, director of international student programs.



Caroline Chang Lu '56

"Internationalism isn't something that is simply taught in the classroom or read in a book; we need to meet one another, interact with one another, learn from one another and help one another."

Since Caroline's arrival on campus, thousands of international students—including her younger sisters **Yvonne Chang '63** and **Serena Chang Tsui '63**—have found an American academic home at Macalester. And their influence on the college has been profound. "International students bring different perspectives and approaches to solving problems and living life outside the classroom," says Colhapp. "Collectively, international and domestic students challenge each other to move beyond what they know, think on a deeper level, and not be comfortable with an ethnocentric view."



“International students bring different perspectives and approaches to solving problems and living life outside the classroom.”

—AARON COLHAPP, director of international student programs

Members of French club having a coffee break with Yvonne Chang '63 in foreground.

The Chang sisters' path to Macalester was rooted in political upheaval. Their father, a Harvard-trained lawyer, served on China's supreme court. When Japan invaded China in 1937, the family moved with the government from Nanking to the country's interior, in an area so remote there were no options for a formal education. "I didn't go to grade school because the countryside didn't have schools," Caroline says.

When Mao Zedong took over mainland China in 1949, the Changs fled to Taiwan, where Caroline restarted her education and finished high school at 21. Because at that time only graduate students were given visas, she wouldn't have been allowed to attend college in the United States if not for the fact that she and her twin brother had been born in Cambridge, Massachusetts—the family moved back to China when they were one month old—and therefore she was a U.S. citizen.

Her parents chose Macalester because it was small enough that they assumed Caroline would receive support as she gained fluency in English. They also liked that it was internationally

focused and that a cousin was studying nearby at the University of Minnesota.

Caroline loved the independence she experienced at Macalester. "Growing up in China, you are always a child, especially if you are a girl," she says. But her college years were in many ways vastly different from those of her American classmates. In addition to struggling with the language, she was overwhelmed by all she didn't know about her new country.

"Everything was different," Caroline says. "In my history class I didn't know if New Hampshire was a city or a state or a river." Her transition wasn't helped by the fact that she lived in the off-campus home of a retired nurse, where she received room and board in exchange for doing housework. "She was always correcting my English," Caroline remembers of her landlord. While she admits that other students didn't last long as housekeepers, due to their boss's exacting standards, she managed to stay for four years.

Caroline majored in education, and went on to work as an elementary school teacher in upstate New York



Yvonne Chang '63



The Inter-Varsity Christian Fellowship with Caroline Chang Lu '56 at back row, center.

PHOTOS: COURTESY OF MACALESTER COLLEGE ARCHIVES



The Off-Campus Women's Board with Yvonne Chang '63 at top left.

and Minneapolis. Later, she stayed at home to raise son, Kevin, with her husband, internationally acclaimed urban planner Weiming Lu, whom she had met by the time Serena and Yvonne arrived at Macalester in 1959.

Like their sister, Serena and Yvonne lived and worked in private homes in exchange for room and board. And also like their sister, they had their educations interrupted by war. Serena, the middle sister, says that she and Yvonne attended 10 different schools in China, Japan, and Taiwan before arriving in Minnesota.

At Macalester, the sisters found academic stability. Serena majored in history and went on to a career in library science. She and her husband, Lutheran minister Stephen Tsui, moved among Minnesota, Hong Kong, and Taiwan before returning to the Twin Cities for good in 1998. Yvonne majored in French and moved to New York City, where she worked for the United Nations for 35 years in personnel administration.

Both of the younger Changs, like older sister Caroline, recall their Macalester experience as a time of intense transitions and everyday adaptations: Yvonne

remembers slipping on the ice when she went outside to collect the newspaper, as well as being required to wear skirts to a tea hosted by Margaret Doty, dean of women from 1924 to 1960. "There were no slacks allowed," she says. "I didn't grow up with that culture."

Still, they remember their Macalester education fondly. "Macalester was so welcoming," says Yvonne. "As international students, we were treated like treasures."

Today, after decades of moving and working in other states and countries, all three sisters have returned to the Twin Cities to spend their retirements together. There are still cultural barriers—Yvonne says she continues to struggle with differentiating various Scandinavian surnames, for example.

But there are rewards, too, especially after lives filled with such dramatic upheavals. "War ruins your plans," says Serena. "Our lives were always turned upside down. We've gone through so much. It's great to be back in Minnesota." **M**



Serena Chang Tsui '63

Elizabeth Foy Larsen is a Minneapolis freelance writer and editor.

CAPTURING CITIZENSHIP

What does global citizenship really look like? That was the charge to students studying abroad in the annual photo contest held by the Kofi Annan Institute for Global Citizenship (formerly the Institute for Global Citizenship). The contest invited students to submit photos reflecting their own interpretation of, and involvement with, global citizenship at the local, national, or international level. Entries streamed in from locations around the planet. Here are just a few of our favorites.



← MONGOLIA

Photo by Bekka Ord '18

Hometown: Juneau, Alaska

Major: Art

Mongolia is a land of extremes, from the common -40°C in the winter to 40°C in the Gobi Desert in the summer—all life in Mongolia shows immense resilience in order to simply survive. Wanting to meet the Mongols who live on the brink of this extremity and given the opportunity, I made my way into Western Mongolia and into Altai Tavan Bogd National Park where the lives of Mongolians closely resemble their ancestors dating back thousands of years. Here is where I met the Eagle Hunter. While between us we could only communicate hellos, I got a glimpse into a culture and set of traditions completely different from my own and was able to observe the tremendous respect that he showed for his golden eagle and Mongolian culture.



INDIA

Photo by Wensday Berman '18

Hometown: Portsmouth, N.H.

Major: Anthropology

This picture of Pavani represents laughter as a form of agency and resistance to the religious, cultural, and governmental power structures that work to marginalize low-caste Hindu women. Pavani spoke of her village's need for maternal and child health support, and despite the lack of health services, continues caring for herself and her children in the best ways she can. Pavani's smile hides years of hard labor, marginalization, and social and governmental neglect, but it also presents her strength, wisdom, and humanness that endure and resist these structures.



(Opposite page: clockwise)

← AUSTRALIA

Photo by Jared Abelson '19
Hometown: Herndon, Va.
Major: Political Science

Going abroad gave me a new perspective on nature and the unique qualities of each location I visited. This picture personifies the true beauty we are trying to preserve in the world. We fight for change in policy to reduce global warming effects so animals like this turtle survive and the rest of the landscape of the Great Barrier Reef remains in its state as a true wonder of the natural world.

← TANZANIA

Photo by Michael Murphy '19
Hometown: Osceola, Wis.
Major: Geology

We went to Nungwi to visit the sea turtle conservation center and learned about the local fishermen who are leading the conservation effort.

← NAMIBIA

Photo by Ian Gorrell-Brown '19
Hometown: Salt Lake City, Utah
Major: Chemistry

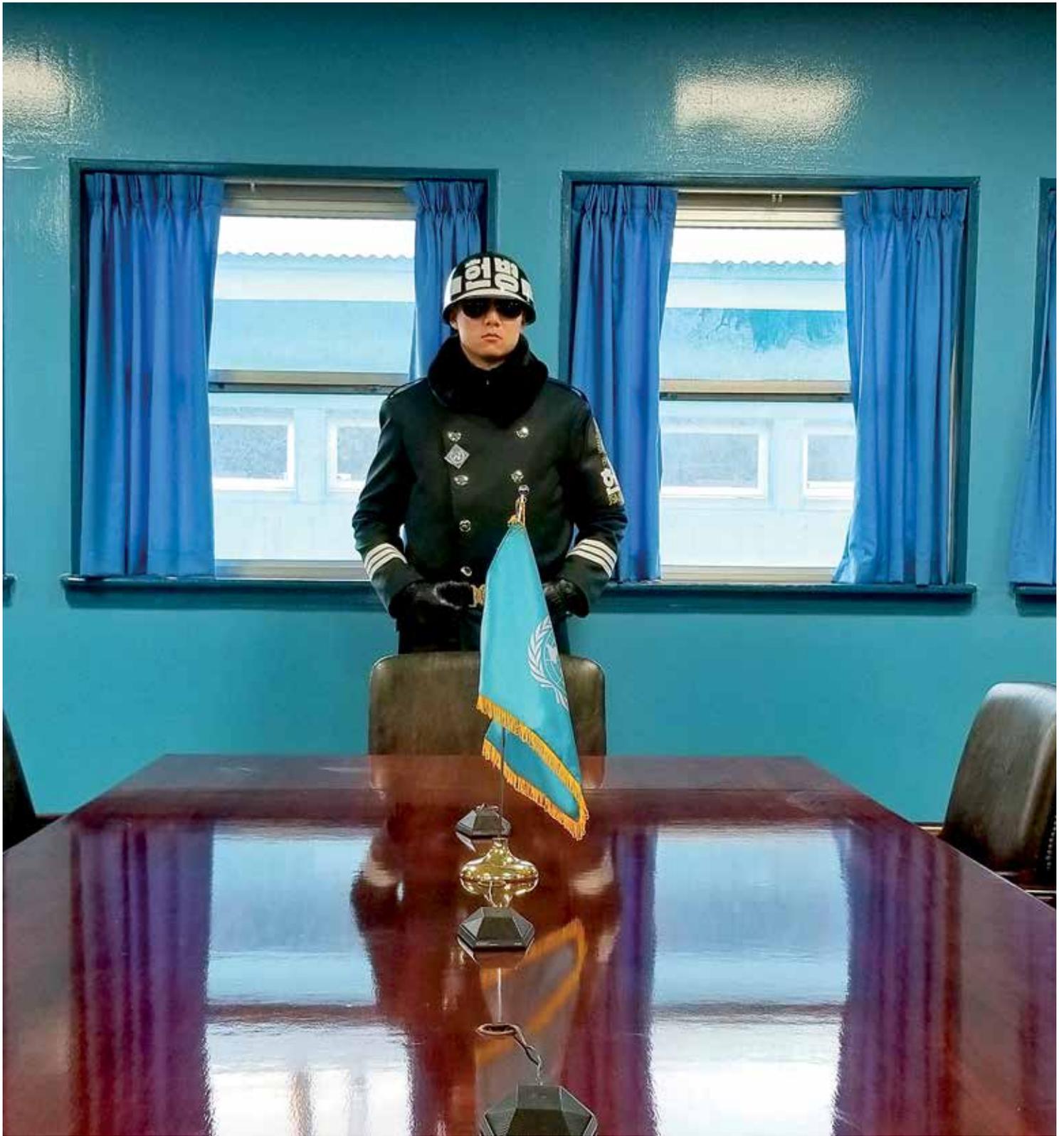
Within the infinite and uninhabited sand dunes that spring from the Namibian coast of the Atlantic Ocean, there are tales of guide dogs who will show you the way for just a belly rub. A dog's bark sounds the same in every language.



JAPAN

Photo by Lilian Vo '18
Hometown: Seattle, Wash.
Major: International Studies

I would like to think that under the 4,700 cherry blossoms in this park there are 4,700 picnics happening all at the same time. This was a captured moment that reminds me to appreciate the nature around me and to celebrate the brief moments of beauty with those who bring me joy. Sometimes being a global citizen just means understanding the environment we exist in with those around us.



SOUTH KOREA

Photo by Rachel Wong '19

Hometown: Avondale Estates, Ga.

Major: International Studies

A single South Korean soldier stands guard at the boundary of the two Koreas in an intimidating tae kwon do stance. To the right of him is North Korea, and to the left is South Korea. Oddly enough, I didn't feel much tension in the atmosphere aside from the rigidity of procedures. As I spent my day inside the Demilitarized Zone, I was more intrigued by the lives of the conscripted soldiers and the civilian lives they left behind. It made me think about the impact of international policy that trickles down to an individual level.



SOUTH AFRICA

Photo by Kabir Sandrolini '18

Hometown: Washington, D.C.

Major: International Studies

Devil's Peak is the highest point in Cape Town, a perfect vantage point to observe the jarring contradictions present in this thoroughly global city. To me, it represents the confluence of nature, inequality, repression, and resilience. One can see the highly developed Central Business District with the infamous 2010 World Cup Stadium looming impressively. Further in the distance, however, Robben Island exists as a reminder of Cape Town's painful past in spite of its ostentatious development.



PERU

Photo by Anna Bebbington '19

Hometown: Worcester, Mass.

Major: Geography

This photo was taken on the second day of my internship in Huaraz, Peru, during an agricultural extension workshop designed to build resiliency against changing rain patterns. While we were processing oats, two community members prepared a *pachamanca* for lunch—an Andean meal that indicates a celebration. These two men insisted I come over to take pictures of their work. They wanted to share their pride in their food, their freshly harvested potatoes, their identities, and their work.



COSTA RICA

Photo by Hayley Stutzman '18

Hometown: Portland, Ore.

Major: Biology

This photo represents the environmental aspect of global citizenship, which was a vital part of my study abroad program. We can learn from wildlife and nature, and have a responsibility to protect it. In the program we learned about the global amphibian decline and all the theories behind these mass extinctions. Most theories include some aspect of human impact. After learning about the importance of these species and ecosystems and the threats that they face, I like how this photo represents a kind of harmony between humans and nature.

SOLVING SUSTAINABILITY

From solar gardens to electric cars, Macalester alums are working on energy solutions for a more sustainable future.

BY LAURA BILLINGS COLEMAN / ILLUSTRATIONS BY MARK HOFFMANN / i2iART.COM

Macalester covers fewer than a dozen city blocks—but how big is its carbon footprint?

Ten years ago, a team of senior seminar students set out to find what it takes to keep the college fueled for a year, adding up the carbon cost of classroom heating and lighting, overseas travel, and feeding 2,000 students three squares a day. They discovered that the campus is responsible for an estimated 19,531 annual metric tons of carbon dioxide—greenhouse gas emissions equivalent to heating more than 2,106 houses, putting 4,176 passenger cars on the road, or burning 106 rail cars full of coal.

“Compared to a lot of other colleges, Macalester already was much farther along in thinking about how to reduce that impact,” says sustainability manager Suzanne Savanick Hansen, adding that the student-led CO₂ calculation since has become the benchmark for doing better by the environment. Starting in 2007, when President Brian Rosenberg signed the American College and University Presidents’ Climate Commitment, Macalester has been on a mission to make its campus carbon neutral by 2025. This is an ambitious pledge, one that calls for reducing carbon consumption by half, and using carbon offsets to cover the rest.

As the college’s sustainability program ends its first decade, *Macalester Today* asked five energy sector alums to talk about trends in sustainability and to share their own tips for a cleaner energy future.



Start at Home

With climate-change data fast disappearing from the websites of the Environmental Protection Agency and other governmental entities, it’s been a challenging period for the sustainable energy sector. But **Chris Duffrin ’93**, president of the Center for Energy and Environment, an energy efficiency-focused nonprofit in the Twin Cities, still sees a silver lining. “It’s frustrating that we’re seeing a lack of federal action on these issues, but what that has done is driven more of the action to a local level than ever before, and cities and local governments are much more engaged in making better policies,” says Duffrin. “The economics have changed so that fossil fuels just aren’t competitive against renewable energy and energy efficiency. Federal energy policy could slow progress down, but a cleaner energy supply is still coming.”



“The economics have changed so that fossil fuels just aren’t competitive against renewable energy and energy efficiency. Federal energy policy could slow progress down, but a cleaner energy supply is still coming.” —CHRIS DUFFRIN ’93



Duffrin got his start in the energy sector advocating for low-income utility customers at the Energy CENTS Coalition, and then spent many years at the Neighborhood Energy Connection (NEC), the St. Paul-based nonprofit behind the HOURCAR car-sharing program. In 2016, he helped merge NEC with the Minneapolis-based Center for Energy and Environment, a move that has allowed both groups to expand the reach of their expertise in home energy audits, providing \$10 million in home improvement loans each year.

With residential energy accounting for 22 percent of global energy consumption, taking the following steps in your own home can make a difference for the environment, says Duffrin, no matter

what's happening in Washington:

- Get an energy audit, and start tightening up old windows, door frames, attic bypasses, and other places where air is escaping.
- Add insulation, a home improvement with a great rate of return, cutting your carbon load by an average of 5,692 pounds every year.
- Swap incandescent bulbs for LEDs, which are coming down in price and can last for up to 25 years.
- Replace old appliances with efficient Energy Star models—and recycle that old fridge in the basement, which produces nearly 2,000 pounds of CO₂ every year.



Electrify Your Ride

If **Sarah Clark '86** has anything to say about it, your next car will run on electricity.

The director of program advancement at Fresh Energy, a Minnesota-based nonprofit that advocates for clean-energy alternatives, Clark is also the proud owner of a 2013 Nissan LEAF that saved her \$1,700 in fuel and maintenance over the last year: "I've become evangelical on the subject of electric cars because

we've reached the point where making a sustainable choice isn't a sacrifice—it's actually saving me money."

Although transportation just overtook energy generation as the leading cause of greenhouse gas emissions, plug-in vehicles like Clark's—which make up just 1 percent of car sales—could help reverse the trend. Not only do plug-ins produce at least 30 percent (and as much as 80 percent, depending on your region) less greenhouse gases than their fossil-fueled counterparts, they can run even cleaner when fueled by renewable energy, such as the Xcel Windsource program that powers Macalester's electric car plug-in station. As the cost of solar and wind energy continues to come down, the financial benefit for consumers will only improve—one reason why carmakers like GM, Ford, and Volvo are speeding up their production of electric-powered cars.

"We used to talk about how sustainability meant using less electricity, but with new technology and fuel sources, the message is now about how we can use clean energy intelligently to power the economy," says Clark. "When GM announces that the future is electric, there's no stopping the momentum."

If you're in the market for a new ride, you could get in line for the new mass market Tesla Model 3, or take advantage of the wave of first-generation electrics just off lease and ready to sell. "They're such a great deal right now," Clark says. "I got mine for \$9,000, and it's the best car I've ever driven."



"I've become evangelical on the subject of electric cars because we've reached the point where making a sustainable choice isn't a sacrifice—it's actually saving me money." —SARAH CLARK '86



Seed a Solar Garden

The cost of solar panels has come way down over the past decade—but paying for them upfront still creates sticker shock for most families who could use a break on their energy bills. “It appears expensive because we’ve expected individuals to pay for the full cost of solar up front—kind of like building your own power plant,” says **Timothy Den-Herder Thomas ’09**. “The whole system is really upside down.”

Den-Herder Thomas is doing what he can to put renewable energy right-side up as the general manager of Cooperative Energy Futures. The South Minneapolis-based clean energy co-op is developing eight community solar gardens around the state aimed at making solar accessible to low-income households. Using a community subscription model that allows users to immediately reduce their electric bills without an upfront cost, his startup has community solar gardens underway on the roofs of a North Minneapolis temple, the Edina public works building, and a Catholic church in Eden Prairie, with a half-dozen more Minnesota projects in the pipeline. Utilities have been using the model of passing on the cost of new plants and infrastructure to thousands of customers for more than a century, he says. “There’s really no reason we shouldn’t be using the same business model for community-based clean energy.”



“If renewable energy is seen as something that only a few people can afford, it won’t go very far.”

—TIMOTHY DEN-HERDER THOMAS ’09

Former Udall scholar Den-Herder Thomas also serves on the board of Community Power, an advocacy group that has been a major player in pushing the City of Minneapolis, Xcel Energy, and CenterPoint Energy to come together around a climate action plan. “Growing up in the New York metro area, where the divide between rich and poor is in your face, I’ve always been interested in the disconnect between the way our society works and what we need to change for it to be fair and livable and ‘sustainable,’” he says. Making renewable energy accessible to people of all income levels is a critical first step, Den-Herder Thomas believes. “If renewable energy is seen as something that only a few people can afford, it won’t go very far. But if it helps ease the burden on low-income people, it can be the start of something that works long term.”



Catch the Wind

Julia Eagles '06 got a ground-level glimpse of the energy industry by going to door to door in Minneapolis's Phillips neighborhood, encouraging residents to replace old air conditioners and refrigerators through a utility-subsidized efficiency program. "I was basically a glorified appliance salesperson," Eagles says of the gig she started fresh out of Macalester that introduced her to some of the challenges of making energy efficiency services widely accessible. "For renters, there are questions around who owns the appliances, who pays for the improvements, and who benefits from the energy savings," making it challenging to incentivize people to make an investment that may take time to pay off, she says. "It's one reason that renters and low-income communities are underserved by energy-efficiency efforts."

As public policy and strategy manager for Xcel Energy, figuring out how state policies, energy rates, and public utilities regulation can work together to make sustainable energy more accessible is now her full-time job. "As a student, I would not have pictured myself working for a big utility, but it's a fascinating time to be in the industry," says Eagles, who has a master's degree in public policy from the University of Minnesota's Humphrey School of Public Affairs. "It's an impactful place to be in terms of carbon emissions reduction."

Already the country's top wind utility provider for more than a decade, Xcel Energy just accelerated its investment in renewable energy, announcing plans to add 1,850 megawatts of wind energy in the Midwest over the next four years—enough power for nearly one million homes. In Minnesota alone, the utility aims to get 60 percent of its energy from renewables by 2030—a shift that many consumers are encouraging by installing rooftop solar panels, subscribing to community solar gardens, or adding wind turbines to farms. "The biggest change now, and what makes it a really interesting time in the industry, is the shift to a more distributed system where there's more options for customers to choose their generation sources and control their energy use with advanced technologies," Eagles says. The challenge as more customers "grow their own" energy, she says, is that utilities must "figure out ways to make that work on a system that's been set up to deliver power one way while keeping rates fair for all customers."

A founding board member of the Twin Cities chapter of Young Professionals in Energy, Eagles actively encourages the next generation of Macalester grads to join the industry to work toward decarbonizing the economy. "The energy sector has such a large impact on the environment, so I'm passionate about bringing in new voices and improving diversity in this sector," she says. "We need people who can think outside their silos, and come up with better solutions for everyone."



"The energy sector has such a large impact on the environment, so I'm passionate about bringing in new voices and improving diversity in this sector." —JULIA EAGLES '06



Prepare for Turbulence

The unpredictability of the energy market always appealed to **Zach Axelrod '06**, who decided he would make it his career even before he arrived at Macalester to study economics: "As the cost of traditional fossil fuel was going up and the cost of renewable energy was coming down, I could see that at some point in my lifetime they would intersect, and it would be a lot of fun."

But even he was surprised by the sudden turn his business took at Arcadia Power—a national company that offers clean energy services alongside traditional utility options in one bill for customers—the day President Donald Trump announced the U.S. wouldn't live up to its 2015 pledge at the Paris Climate Accord. "We signed up more people for clean energy in the six days after that announcement than we have in any period before or since," says Axelrod, Arcadia Power's VP of Energy Services. "Our business jumped massively because of his policy in the other direction. People just decided, 'Well, if our government isn't going to do what every other government in the world has done, we'll have to do something ourselves.'"

Over the last decade, Axelrod has seen his share of boom and bust cycles in the renewable energy sector—from working for a failed start-up to seeing the solar hot water company he started in 2009 run into roadblocks. "The way we've set up our grid and paid for it has operated the same way for roughly 100 years and that's all breaking down right now," says Axelrod. "It's very exciting for consumers, and it's good for the world that this is happening."

Though he doesn't own a car, Axelrod offsets his frequent air travel by investing in community solar. The success of the renewable economy, he says, relies on making it "ridiculously easy for people to do the right thing." For instance, Arcadia Power allows customers around the country—renters included—to switch to renewable energy with a few clicks on its website. And ease is important, says Axelrod. "If it takes just a few minutes to make the world slightly better, more people will do it." 

Laura Billings Coleman is a regular contributor to *Macalester Today*.

SUSTAINABILITY SUCCESSES

Ten years after it launched, Macalester's Sustainability Office has plenty of successes to report, from getting more students to take public transit to having a quarter of Markim Hall's energy needs supplied by its rooftop solar panels. Here are some other highlights:

RECYCLED REC CENTER: When the Leonard Center was built, more than 14,000 tons of demolition waste from the old rec center was recycled or reused, keeping more than 93 percent of the debris out of landfills.

BOTTLE BAN: The average American consumes 167 bottles of water a year and recycles only 38 of them. Since 2011, Macalester has helped keep that plastic out of the waste stream by banning water-bottle sales and encouraging students to fill up at campus water fountains instead.

CLEAN MACHINES: Since 2013, the Mac community has been fueling electric vehicles at two dedicated charging stations powered by wind energy from Xcel's Windsource program.

IN THE LEED: Macalester's Markim Hall—the first higher ed building in the state to receive the top Leadership in Energy and Environmental Design distinction—uses 80 percent less energy than does a typical Minnesota building.

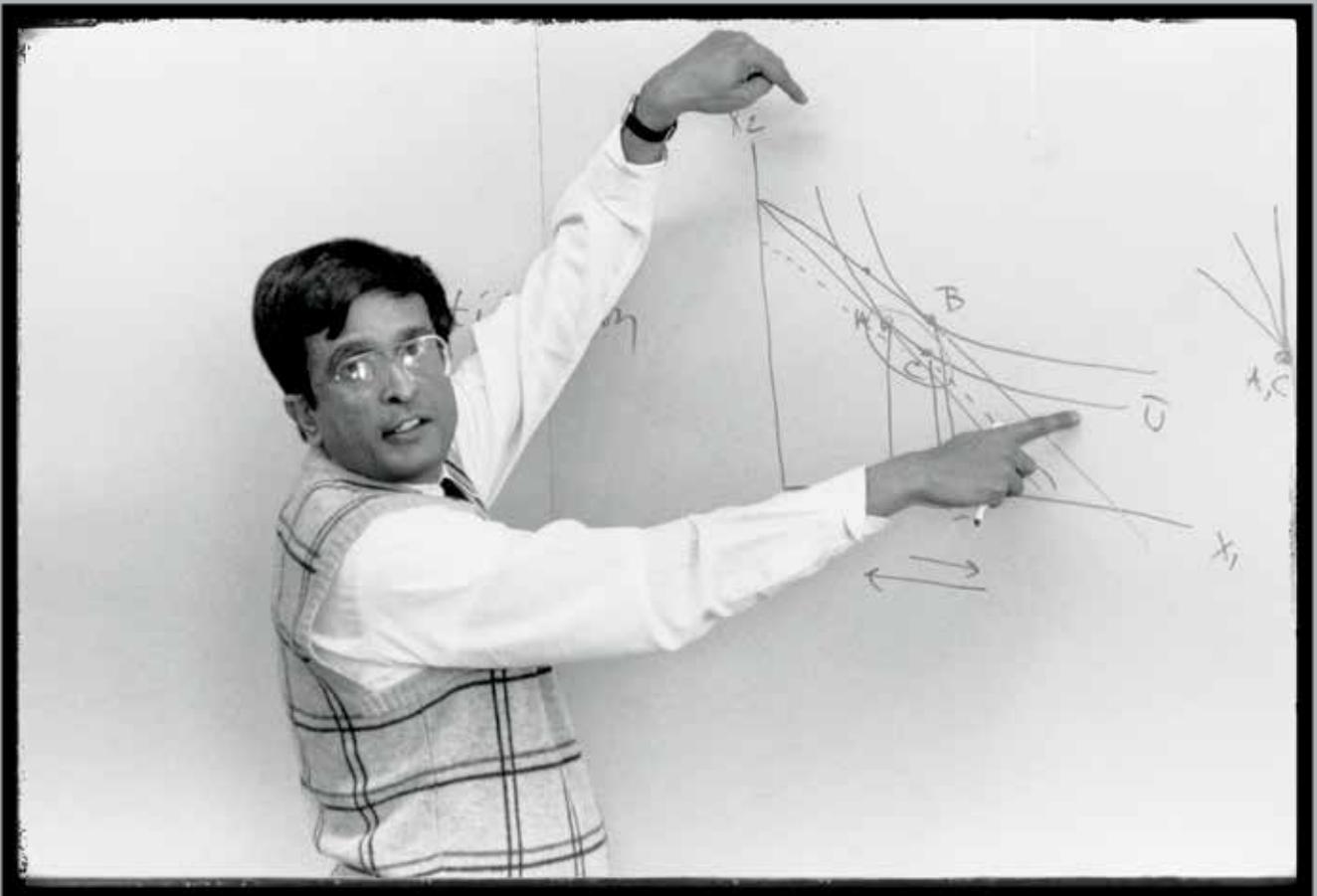
SAVING LEFTOVERS: Once a week, volunteers from Cafe Mac's Food Recovery Network collect leftover dining hall food and send it to the local meal program Loaves and Fishes. Food waste also gets a second life: it's collected as feed for pigs.

EFFICIENCY MODE: Facilities Services has retrofitted many buildings, outdoor walkways, and parking lot lights with LED lighting, already saving \$92,000 to date. By 2022, the college is projected to save over \$1 million from energy efficiency projects put in place since 2015.

TREES FOR TRAVEL: The average study-abroad airline flight emits about a metric ton of CO₂. Returning students are encouraged to look for ways to reduce that impact by participating in events such as tree planting. (Macalester College Student Government, the Center for Study Away, and the Sustainability Office are seeking more opportunities in this area.)

ZERO WASTE: To reach its goal of Zero Waste by 2020, Mac added recycling and composting bins alongside its trash barrels in 2013. To prevent a big garbage pile-up on move-out days, trash bins are made scarce, forcing students to recycle, donate, or trade what they no longer need.

SMART LANDSCAPING: Native plants and porous pavers around Markim Hall and the Janet Wallace Fine Arts Center aren't just pretty—they're also designed to prevent storm-water runoff.





THE LEGEND OF SUKHATME

After 40 years at Macalester, economics professor Vasant Sukhatme wraps up his teaching career.

BY JAN SHAW-FLAMM '76

Back in the 1990s, several admiring students presented economics professor Vasant Sukhatme with a T-shirt featuring quotes from his lectures, a larger-than-life photo, and the proud declaration: "I survived Sukhatme!"

Last fall, Professor Sukhatme, Edward J. Noble Professor Emeritus, taught his final courses at Macalester, concluding a teaching career that spanned 40 years and produced an astonishing number of successful alumni in fields ranging from academia to investment banking. His recent students will confirm that his courses have become no less rigorous over the decades.

"Because I was the preceptor for his Microeconomics course, people came to me all the time," says **Genevieve**

Gregorich '18 (Boulder, Colo.), "usually in a state of fear—fear of homework questions, fear of impending exams, or fear that the 45 percent they scored on the midterm exam wouldn't actually get curved to a B+ as promised.

"This is because he will ask questions like, 'If a young married couple goes on a date, leaving their child at home with a babysitter, will they go to Pazzaluna or Joe's Crab Shack?' And he expects an answer that involves numbers, logic, and economic theory. He challenges every student to see the whole world through the lens of microeconomics. After a long winter break to recover, nearly everyone transitions from a state of fear to a state of admiration."

Sukhatme grew up in Jamshedpur in rural eastern India.

"Growing up, I saw how farmers struggled to produce meager amounts that barely supported their families," he says. "I wanted to understand agriculture, income inequality, and poverty." To that end, he studied economics at the University of Kolkata, then earned a master's degree from the University of Southern California and a PhD from the University of Chicago. After a research stint at the World Bank, he arrived at Macalester in 1978 and found that "my heart and soul lay with teaching and conducting research with students."

Sukhatme's joy in—and commitment to—students has proven contagious. A number of his alumni are now challenging students in their own classrooms—and not solely in economics.

SherAli Tareen '05 teaches Muslim intellectual thought in Franklin & Marshall College's Religious Studies Department. "It is Vasant who really inspired me to be a teacher," says Tareen. "His classes are intellectually challenging, but he's funny, too. He has a very South Asian professorial style and I was so inspired to see someone from my part of the world commanding that kind of respect in the classroom."

"The striking thing is that he really gave students their space. He was very encouraging when I decided to pursue a PhD in religious studies."

For 10 years, Sukhatme served as chair of the Economics Department, and has held Fulbright professorships in both India and Bangladesh. He also has won Macalester's most respected faculty awards, The Rossman Excellence in Teaching Award and the Thomas Jefferson Award for teaching, research, and service.

Over the years, Sukhatme has taught courses on the economics of foreign aid, microeconomics, the economics of sports, and Adam Smith and Karl Marx. His research, often conducted with students, has been published widely in journals and books, from *Economic Development and Cultural Change* to *Handbook on the Economics of Women in Sports*. He particularly enjoys examining the sports industry through a microeconomics lens: "Why are professional athletes paid what they are paid? Why are stadiums built with public funds when owners and athletes are the primary beneficiaries? I've long been interested in sports—it's always in the news, students are often athletes, and we have incredible amounts of data to work with."

Sukhatme's introduction to Macalester, while attending a New York meeting of economists, was anything but auspicious. "Vasant had been mugged the night before and spent most of the evening in the ER," recalls economics professor emeritus **Karl Egge**, who interviewed him for a teaching job. "He arrived with a big bandage wrapped around his head, exhausted and spooked, but oh, what a mind! I knew then he would be outstanding for our department and school. When I later reviewed student evaluations of Vasant, they often boiled down to this: 'More than any other professor at Macalester, he taught me how to think.'"

He was a standout from the beginning. "Vasant was a young professor when I met him in his first year of

teaching, but no one has had a greater influence on my career," says **Dave Abler '82**, professor of agricultural economics at Penn State and cofounder of consulting firm By The Numbers. "He sparked my interest in economics and, to this day, I appreciate and draw on his wit, insight, humor, and intellectual rigor."

"While some students feared his scorn in the classroom—"No! Incorrect!"—to me it was an exhilarating environment in which to learn," recalls Loyola University Chicago economics professor **Tim Classen '96. "His rigor, intensity, and passion for the subject have greatly influenced my approach in the classroom."**

"Tim Classen and I always seem to bring up Vasant when we discuss our jobs," says University of Iowa associate professor of marketing **Bill Hedgcock '96**. "Sometimes we repeat inside jokes, but ... inevitably, we talk about him because he was an inspiration. We would both like to be as good as him."

"I knew very little about graduate schools when I decided to apply for a marketing PhD program. [Years later] when I contacted Vasant, he was generous with his time. I am sure his recommendation played a big role in my acceptance into a PhD program. Surviving his class also gave me the confidence that I could make it through the program." Again, that word: surviving.

It's not only students who have been inspired by Sukhatme. Economics Department coordinator **Jane Kollasch** says, "Vasant hired me in 1999, which was the best thing that ever happened to me. He has been a mentor and friend for 19 years; he has taught me so much and challenged me to the highest levels."

During several years of phased retirement, Sukhatme has taught fall courses, then escaped Minnesota winters with trips to warmer climes. Now he and his wife, Monika, are moving to the East Coast to be nearer their son and his family. He'll miss the students at Macalester: "The generations I've taught have been so intellectually stimulating—and fun. They have kept me fresh and current."

Economics chair **Pete Ferderer** has the last word: "Vasant is a wonderful teacher who has set the standard many of us aspire to reach," he says. "He employs the Socratic method, so students cannot sit in his classroom as passive listeners. They must engage and learn how to think like economists. Few professors impact their students as much as Vasant has." **M**

Jan Shaw-Flamm '76, a freelance writer and editor, is a frequent contributor to *Macalester Today*.

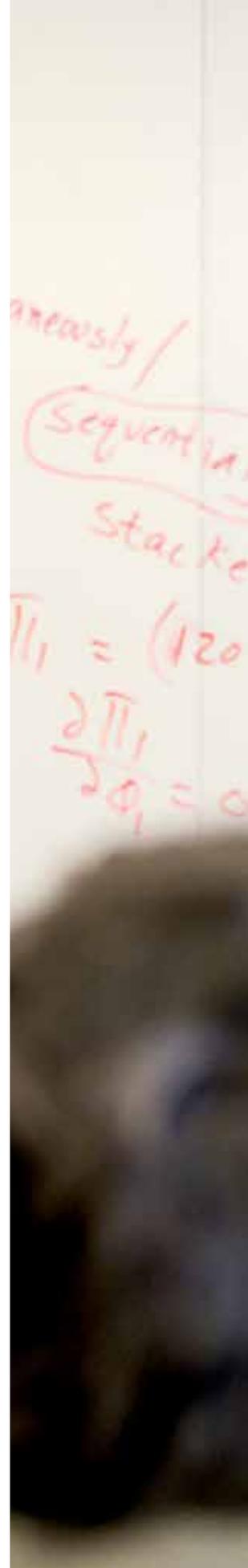


PHOTO: DAVID J. TURNER

A bumper sticker reads:
Tax corporations, not people

Comment:

Bad, bad rhetoric!

Reaction
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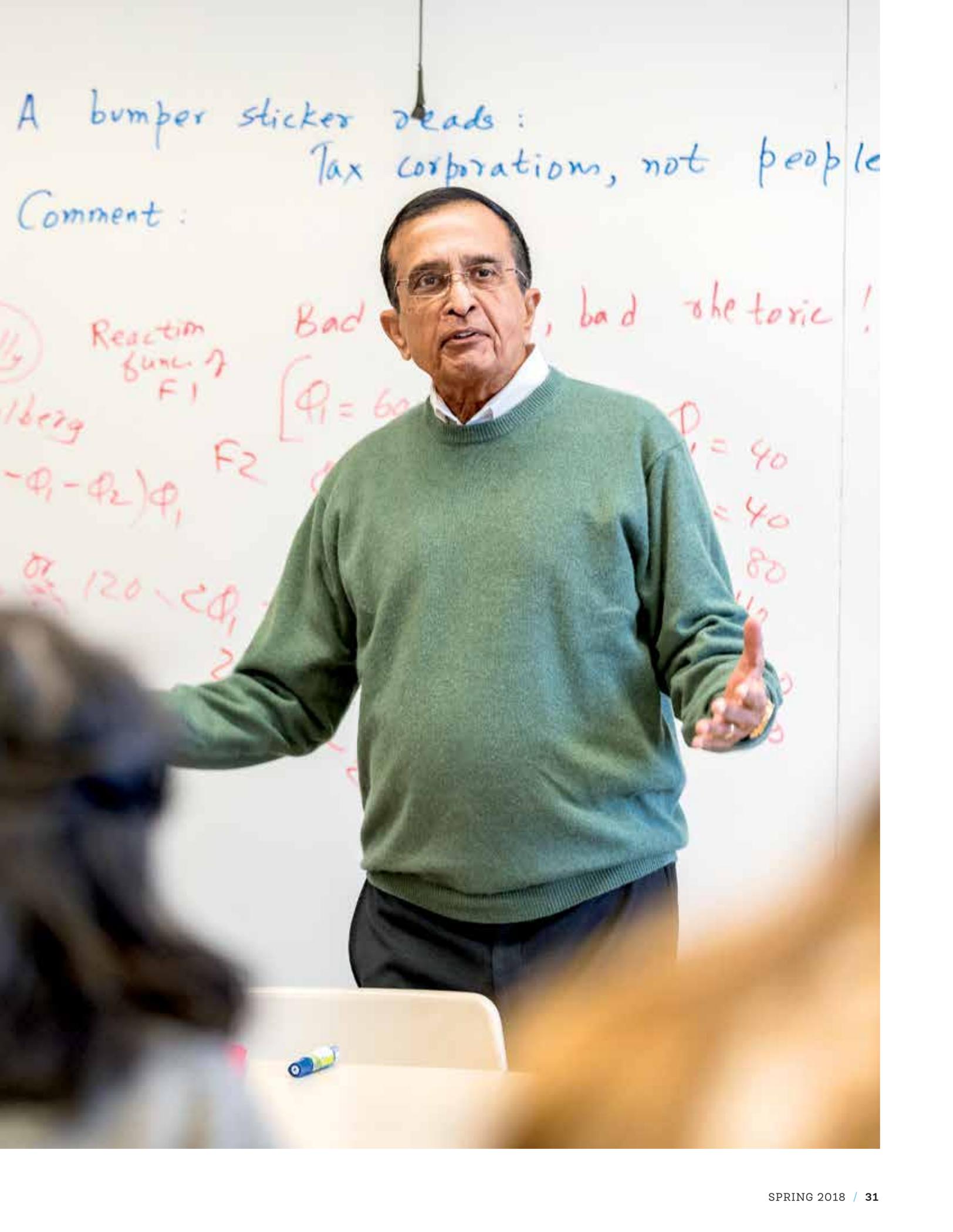
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Pain Reliever

With enthusiasm and a sense of wonder, **Carolyn Fairbanks '91** tackles one of the biggest medical challenges of our time.



BY ANDY STEINER '90 / PHOTO BY DAVID J. TURNER

Carolyn Fairbanks '91 talks about the human brain the way an English professor talks about a Shakespeare sonnet or an art historian speaks about an ancient fresco: with deep knowledge, reverence, and an enthusiasm that sometimes borders on obsession.

Fairbanks, a professor of pharmaceuticals, pharmacology, and neuroscience at the University of Minnesota, has been working to understand the brain's complexities for more than two decades, ever since coming to Macalester in the mid-'80s to study biology. And now, 30 years later, she is doing research into pain relief alternatives to opioids—which, given the addiction crisis, is clearly one of our era's most vital scientific and public health challenges.

Talking to Fairbanks now, it's hard to imagine there ever was a time when the Rochester, Minn., native wasn't tuned into brain research, yet she can pinpoint the moment when her interest was kindled: when she took the late Walt Mink's class on neuropharmacology at Macalester. "He made a big impression," she says, adding that biology professor Lin Aanonsen later helped cement her interest in neuroscience. "Just being part of that academic environment, things started to click, and I felt really excited about the brain. I had to learn more."

And learn she did. Following a short stint at the St. Paul Department of Public Health, Fairbanks pursued a PhD in the University of Minnesota's pharmacology graduate program in the medical school after being recruited by an addiction researcher she met in another course. She also quickly identified her focus: Fairbanks joined a pain research group working to find non-addictive pharmacological treatments for chronic and end-of-life pain.

"Part of my interest stemmed from the fact that at the time, good pain medication prescribing was very restricted," Fairbanks recalls. "There were people I knew and loved whose end-of-life pain-medication needs were just not being met. And that was a common experience: Just like now, physicians were afraid to prescribe these drugs and people were afraid to take them."

After completing a PhD, Fairbanks was hired by the university's College of Pharmacy. Today she's one of their stars, responsible for the neuropharmacology curriculum and for supervising a growing cadre of graduate students and postdoctoral fellows.

Over the years, Fairbanks's research has remained laser-focused. Her latest scholarship centers on developing ways to reduce brain exposure to highly addictive, opioid-based pain-relieving drugs.

Opioids play an important role in pain relief, Fairbanks believes, but as a pharmacologist with a background in public health, she also understands the importance of developing less-addictive pain medications for people whose diseases are not life-threatening or who are at higher risk of addiction. "Though opioids are

the strongest pain relievers out there, we still have the problem of trying to improve pain management," she says. "And now we have the added challenge of trying to find safer ways to deliver these medications, and maybe different types of pain medications or treatments designed to deal with different types of pain."

One concept Fairbanks considers particularly promising is the idea of using gene modification techniques to reduce the body's response to pain. Although the idea is still in its infancy, Fairbanks explains that it would involve "modifying the genes of the different cell types that contribute to the pain pathway so that they would instead produce analgesic substances, like endorphins." This approach has the appeal of serious outside-the-box thinking, involving engineering peripheral or spinal-cord neurons to produce signals that would halt pain impulses before they get to the brain.

One major downside? Potentially erasing a person's ability to feel pain. "Pain is an important protective factor," Fairbanks says. "We must maintain our sensation of pain in order to avoid damaging stimuli. We need pain, but we also need to learn how to control it."

To master addiction-free pain control, Fairbanks must relentlessly study the brain to figure out safe and effective pharmacological solutions. She feels she's close, but she knows it's not going to be easy.

For some, years of such intense study could be mind-numbing, but for Fairbanks it has had the opposite effect. The more she studies the brain, the more she appreciates its beauty. She can't imagine ever tiring of trying to understand how it works. "When you look at how complex the brain's wiring is and how communication takes place within it, you want to learn more," she says. "The truth is, anatomy and the art of the brain are just so beautiful."

Last year, the University of Minnesota hosted an exhibit of century-old drawings by Santiago Ramón y Cajal, a Spanish artist and scientist known as the father of neuroscience. Fairbanks was inspired by Cajal's intricate and accurate drawings of the central nervous system, created as a record of images viewed through his rudimentary microscope. She was particularly taken by this quote of Cajal's that appeared in the exhibit: "Like the entomologist in search of colorful butterflies, my attention has chased, in gardens of gray matter, cells with delicate and elegant shapes, the mysterious butterflies of the soul, whose beating wings may one day reveal to us the secrets of the mind."

Fairbanks, too, is seeking that rare butterfly, hoping that something significant will one day come of her years of focus on the brain. "If my colleagues and I can in some way alleviate chronic pain, that will be my greatest accomplishment," she says. "It's a big goal, I know. But wouldn't it be beautiful if we could achieve it?" **M**

Andy Steiner '90 is a St. Paul writer and editor.

CLASS NOTES

Send **MAC TODAY** your class note via email at mactoday@macalester.edu or mail it to Class Notes Editor, Communications and Marketing, Macalester College, 1600 Grand Ave., St. Paul, MN 55105-1899.

CLASS NOTES PHOTO POLICY:

We publish one photo per wedding.

We do not have space to publish baby photos.

We welcome photos of alumni gathered together anywhere in the world and publish as many photos as space permits.

Photos must be high-resolution, approximately 2MB or greater in file size.

If you have a question about your class note, call Editor Rebecca DeJarlais Ortiz at **651-696-6123**.

1968

The Class of 1968 will celebrate its 50th Reunion June 8-10, 2018.

Rich Cowles retired from a career in nonprofit leadership in 2012. Since then, he has become involved in efforts to prevent gun violence and promote racial equality, and has written essays and op-ed commentary. He also runs a writers' group and a project named LifeStories that helps older people record their personal histories. Rich and his wife, **Jackie Petersen Cowles '69**, have four adult children and four grandsons.

1971

Rob Hunter is president of the Arthroscopy Association of North America for 2017-2018. He practices orthopedic surgery in Salida, Colo., where he lives with his wife, Patti.

Barbara Phillips has joined the board of directors of Creating Resources for Empowerment in Action, an organization based in New Delhi.

1973

The Class of 1973 will celebrate its 45th Reunion June 8-10, 2018.

1976

Bernie Niemeier, publisher and owner of *Virginia Business* magazine, was named to the Virginia Communications Hall of Fame at Virginia Commonwealth University. Bernie, who has worked in publishing for more than 40 years, led a private equity-funded purchase

of *Virginia Business* in 2009 and became its sole owner in 2017.

1978

The Class of 1978 will celebrate its 40th Reunion June 8-10, 2018.

1980

Michael Dapper is co-author of *Victory Motorcycles 1998-2017*, scheduled for publication by Octane Press this April.

1982

The Classes of 1982, 1983, and 1984 will celebrate a cluster Reunion June 8-10, 2018.

Daina Mileris and her husband, chef Patrick Williams, have opened Grampa Boo's Kitchen.

The restaurant, located in the resort town of Three Oaks, Mich., offers comfort food, barbecue, and Creole and Cajun food. Daina continues to work full time as an administrator for Chicago Public Schools.

1983

The Classes of 1982, 1983, and 1984 will celebrate a cluster Reunion June 8-10, 2018.

Since becoming president of Writers of Southern Nevada, **Eric James Miller** has promoted the organization on a local talk show and in the *Las Vegas Review Journal*. On behalf of the organization, James accepted the 2017 Crystal Bookmark Award from the Las Vegas Book Festival and the Clark County Library District.

1984

The Classes of 1982, 1983, and 1984 will celebrate a cluster Reunion June 8-10, 2018.

1985

Julie Hessler is working as a writer in Macalester's communications and marketing department. She previously worked for 14 years in marketing at the Greater Twin Cities United Way.

1986

Pam Rotberg and **Michael Booth** adopted a three-year-old daughter, Hayden, from China in April 2017. Hayden joins older siblings Maya, Madeline, and Quinn.



Rich Melin's '58 (right) recent birthday was the occasion of a mini-Mac reunion. According to Rich's son, "As soon as my dad put on his new favorite Macalester hat, a couple stopped by to ask if he was an alum." Rich then shared sports memories and "a few laughs" with **Bill Baumgarten '62** and **Joyce Knutson Baumgarten '64**.

The Arthur Uppgren Society held its 50th annual gathering at the Lilydale Pool and Yacht Club in Lilydale, Minn. Named in honor of the Macalester economics professor from the 1950s and '60s, the group of Macalester alumni and friends meets annually to forecast economic indicators for the coming year and review the previous year's predictions. Front row (from left): Bob Rudolph '65, Andru Peters '63, Dick Einan '64, Dennis Hippen '64, Tom Otteson '65, John Drawz '64, and Don Davis. Standing: Steve Skjold '60, Dennis Keller '64, Jerry Meigs '57, Gary Gustafson '63, John Rowell '63, Al Glorvigen '63, Jim Reissner '62, Tom Livdahl '62, Jack Van Straaten '63, and Jerry Shaughnessy '64.



1987

David Kramer, president of Hudson Companies, was interviewed on the Brooklyn-themed podcast "Hey BK" about his career as a real estate developer, his return to New York City from Los Angeles, and the five New York City Marathons he ran "while tossing a Nerf football."

1988

The Class of 1988 will celebrate its 30th Reunion June 8-10, 2018.

David Dickerson happened to be in Washington, D.C., for business on the weekend of the second Women's March on Washington last January. While

there, he met up with **Jenny Smeltzer '91** and heard **Kofi Annan '61** speak at the rally.

Leslie Goodyear of Boston has been elected 2018 president of the American Evaluation Association. She works at Education Development Center, a research and development nonprofit.

1992

Joshua Grinker '92 and Lisa Stone were married Jan. 6, 2018, in Brooklyn, N.Y.

1993

The Class of 1993 will celebrate its 25th Reunion June 8-10, 2018.

1994

Julie Quastler and Jack McDonald announced the birth of a son, Quinn Francis McDonald, on Jan. 22, 2018.

1997

Toby Heytens was named solicitor general of the Commonwealth of Virginia in January. He will take a leave from his position as a professor at the University of Virginia School of Law while he serves his term. Toby previously served in the U.S. Solicitor General's Office from 2007 to 2010.

1998

The Class of 1998 will celebrate its 20th Reunion June 8-10, 2018.



Sandy Siegel Bly '62 (right) and **Grace Wolff '16** met at a birthday party last October at the Helvetia Winery in Oregon, where Grace was serving as an intern.



Several alumnae got together for a cabin weekend in Balsam Lake, Wis. (from left): Katie Pastorius Benziger '05, Maggie Buttermore Clayton '06, Sara Guadagni Mathison '05, Anna Cavallo '05, Lizz Hutchinson Kruger '05, Laura Bartlow '02, and Laura Moench '04.

1999

Mandy Bettingen Green has been named a volunteer assistant coach with the Youngstown State University Penguins women's soccer team. She previously spent eight seasons as head coach of the women's soccer team at the University of South Dakota.

2001

Last August, **Kal Lindsey Tuominen** began a postdoctoral fellowship in the Department of Biology at John Carroll University near Cleveland.

2002

Bailey Eder looked forward to starting his new position as campus director for the Holmes Institute–Gold Coast.

2003

Junius Gunaratne and his wife, Lindsay, welcomed a son, Alex, in December 2017. Junius completed a PhD at New York University last year.

2005

Sarah Marsh Olson and **Eric Marsh Olson** announced the

birth of Hazel Marie Olson on Sept. 18, 2018. Hazel joins big sister, Wren.

2006

Richard Graves is cofounder of CleanChoice Energy, which was listed as the second-fastest-growing energy technology company in North America in the Deloitte Fast 500. The renewable energy company also made the Inc. 500 list and received its fourth consecutive Best for the World award in recognition of its dedication to social and environmental impact.

2007

Laura Kerr has joined Stael Rives LLP as an associate, and will practice with the law firm's environmental group in Portland, Ore. Laura was named an "Associate to Watch" by Chambers USA.

Claire Marshall is an associate with Fisher Phillips, a national labor and employment law firm. Her practice is focused on employment litigation and counseling. Claire was

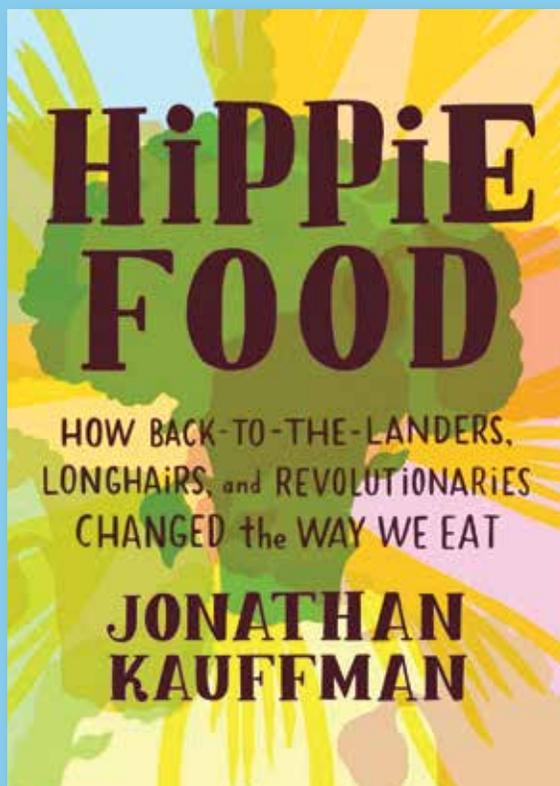
Continued on page 43 >



Several Macalester alumni met at the Dolby Theatre in Hollywood on Jan. 29 for the world premiere of the film *Black Panther*, which features Danai Gurira '01. Front row (from left): Danai, Tafadzwa Pasipanodya '01, and Kate Wood Amoo-Gottfried '00. Back row: Kofi Amoo-Gottfried '01 and Danai's sister, Choni Gurira '96.



Seven Macalester alumni and their families held a mini-reunion near Joshua Tree National Park last December. From left: Jesse Naiman '93, Nicky Naiman, Alene Pearson '92, Scott Spencer '92, Lani Bevacqua '92, Kerith Spencer-Shapiro '92, Paul Bennett '92, and Valdemar Jordan '92.



Jonathan Kauffman '93

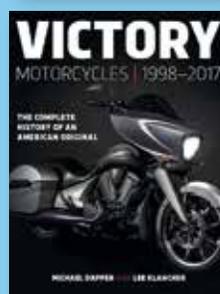
Hippie Food: How Back-to-the- Landers, Longhairs, and Revolutionaries Changed the Way We Eat

(WILLIAM MORROW, 2018)

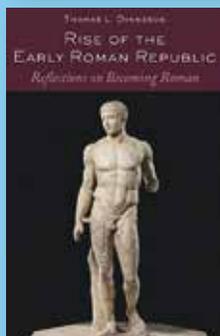
“Fifty years on, it may seem inconceivable how revolutionary a stir-fry of tofu and vegetables over brown rice could have been in 1967 and how alienating a ha-varti-and-avocado sandwich on whole-wheat bread would have seemed to most Americans.”



Curt Brown '82, *Minnesota 1918: When Flu, Fire, and War Ravaged the State* (Minnesota Historical Society Press, 2018)



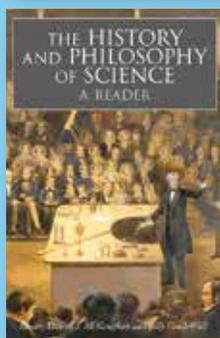
Michael Dapper '80, *Victory Motorcycles 1998-2017: The Complete History of an American Original* (Octane Press, 2018)



Thomas Dynneson '61, *Rise of the Early Roman Republic: Reflections on Becoming Roman* (Peter Lang Publishing Group, 2018)

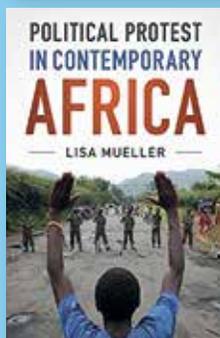
Steve Ford '71, *Keys to Inspiration: A Teacher's Guide to a Student-Centered Writing Program* (Rowman & Littlefield, 2018)

Daniel Eric Harlov '80, *The Role of Halogens in Terrestrial and Extraterrestrial Geochemical Processes: Surface, Crust, and Mantle* (Springer, 2018)



Holly VandeWall '97, *The History and Philosophy of Science* (Bloomsbury Press, 2018)

Lisa Mueller, professor of political science, *Political Protest in Contemporary Africa* (Cambridge University Press, 2018)



Email book publication news to mactoday@macalester.edu.

WEDDINGS

1. **Kathryn Lykken Klos '68** and Fred Campbell were married June 4, 2017, on Lake Superior aboard the schooner *Coaster II*. Kathryn reports that the ceremony drew on “marital traditions of the Scots, of Game of Thrones, and of The Princess Bride.”
2. **Taren Kingser Kindree '11** and Jimmy Drees Kindree were married July 8, 2017, at Schaar’s Bluff in Minnesota. They were joined by **Sara Johnson '06**, **Alvaro Ballarin '11**, **Min Kyu Kim '13**, **Vidarith Chan '14**, **Harry Kent '13**, Macalester political science professor **Patrick Schmidt**, **Will Howell '08**, Eliana Marincel-Howell, **Lucia Marincel '10**, **Abbie Shain '14**, **Sara Parcerro Leites '15**, and **Cristian Lozada '17**.
3. **Jennifer Lui '05** and Benjamin Brady were married in May 2017 in St. Louis. **Dina Zhou '06**, **Dianna Seng '06**, and **Sonny Lui '02** celebrated with them.
4. **Jenna Harris '08** and **Dillon Teske '09** were married Sept. 2, 2017, in Cincinnati. Pictured here: **Jack Carmichael '09**, **Erin Case '05**, **Katie Clifford '09**, **Amy Coddington '08**, **Amanda Coen '08**, **Erin Garnaas-Holmes '09**, **Becky Harnik '10**, **Frank Janik '09**, **David Lawrence '09**, **Laura Macke '10**, **Anna Peschel '08**, **Mike Samuelson '09**, **Louise Sharrow '09**, **Colin Smith '09**, and **Annah Walters '08**.



1



2



3



4

WEDDINGS





1. Callie Recknagel Laz Davis '08 and Micah Thompson Laz Davis '05 were married Aug. 19, 2017, at their farm in Otter Creek, Wis. They were surrounded by friends and family, including several Mac alums.

2. Adelaide Pagano '09 and Eli Bossin were married Sept. 3, 2017, in Princeton, Mass., in the presence of numerous friends from Macalester.

3. Susanna Hostetter '10 and Hector Pascual Alvarez '08 celebrated their marriage in Santorcaz, Spain, in June 2017.

4. Sarah Mercado '10 and Nate Haltom-Irwin '10 were married Feb. 24, 2018, in Santo Domingo, Dominican Republic. Many Macalester friends joined them to celebrate.



ALUMNI ENGAGEMENT

BY ANDREW BROWN, VICE PRESIDENT FOR ADVANCEMENT

I recently visited the Bay Area for some fundraising meetings and a gathering of alumni. While there, I reached out to an alumna from the 1970s who had fallen out of touch with the college. We met in her office at a San Francisco technology company, where she was a corporate division head. Her company had just been acquired and the restructuring meant her division would be cut. She was working to ensure that everyone in her group ended up with a job, either at the new company or elsewhere.

The alumna was not particularly focused on her own situation. She said she'd look for a job once she was done helping her team get jobs. I asked if her search would involve tapping into the Macalester community. She paused, cocked her head, and said, "Macalester community? I never thought of that." She thought all Macalester graduates went into social enterprises, not corporate or technology jobs. I often hear this. While

we have many alumni in NGOs, government, education, etc., the largest number are actually in the private sector.

I invited her to a gathering of technology alumni the next day. After the event, I passed her name along to a few people at Macalester. A few months later, she came back to campus where she worked with alumni, faculty, and staff to help students. She enjoyed it so much that she did it again, and then again. She is now leading a group of alumni volunteers who will help the college with networking and fundraising.

We ran into each other again at an event in Marin County a few months ago, where she told me she had started her own business. She also said getting involved with Macalester—its amazing students, faculty, and alumni—has been a revelation. She now can't imagine being without her Macalester community.

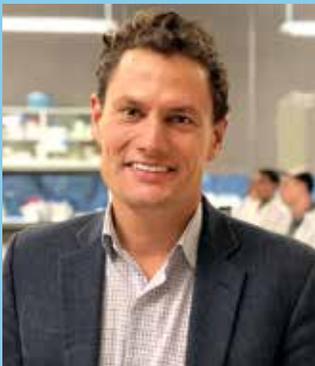


CONNECT!

- Fill out the online interest form: macalester.edu/alumni/volunteer
- Sign up (and add your class note) via the MacDirect alumni directory: macalester.edu/macdirect
- Contact the Alumni Office at alumnioffice@macalester.edu or 651-696-6295.

CLASS AGENT

TWENTY YEARS LATER



The social justice values **Sam Ridders '98** explored at Macalester have stayed with him throughout a vibrant career that has included community organizing, serving in the

Peace Corps in Zambia, practicing law in New York City, and joining President Barack Obama's reelection campaign in Wisconsin and his administration in Washington.

Ridders is reflecting on that path—and how Mac shaped it—as he gets ready for his 20th Reunion. "Even before our first Reunion, I knew Mac made an impact on me," Ridders says. "But now I see it's broader and deeper than I thought. Macalester nurtures lifelong friendships and retains power in the values of diversity, service, and excellence, all qualities

we draw on well after graduation."

To honor that impact, Ridders volunteers as an Annual Fund Class Agent. This year he took on another leadership role as the Class of 1998's Reunion committee chair, building momentum among his classmates and spreading the word that Annual Fund gifts count toward their class gift. And he's making a to-do list for his return to campus in June: in between reconnecting with old friends and making new ones at the Reunion celebration, you might find him reading the paper at

Dunn Bros. or playing tennis with former teammates. Says Ridders, "Helping plan our Reunion is a fun way to give back or pay it forward—however you look at it."

By encouraging their classmates to give back to Mac, Class Agent volunteers build vital support for students on campus today. To learn more about joining this network, visit macalester.edu/classagent or contact annualfund@macalester.edu or 651-696-6909.



Andrea Johnson '06 and Will Howell '08 ran into each other while testifying before the Maryland Senate Finance Committee on different issues. Andrea was representing the National Women's Law Center in support of an equal pay bill, and Will and his daughter were testifying in support of a bill that would allow Maryland University graduate students to unionize.

> Continued from page 36

previously an associate with the Seattle firm of Michael & Alexander PLLC, which merged with Fisher Phillips earlier this year.

2008

The Class of 2008 will celebrate its 10th Reunion June 8-10, 2018.

Emily Goodman Erickson and **Lance Tarn Erickson '04** announced the birth of a son, Peregrine Tarn Erickson, in October 2017.

Jon Smucker is now a partner at Marietta Investment Partners, a registered investment advisory firm in Milwaukee.

2009

Zoë Campbell has published *Labor of Love: A Guide to Intercultural Dating*, which is avail-

able for the Amazon Kindle.

Kaylie Burns Gahagan is director of community engagement at Perspectives, Inc. in St. Louis Park, Minn. Perspectives is a supportive housing program holistically serving mothers in recovery and their children.

Katie Levy and Brien Blandford celebrated the birth of their first child, Sebastian Blandford-Levy, on Nov. 15, 2017.

Shantee Rosado will begin a two-year pre-/postdoctoral fellowship in Latina/o studies at Williams College this fall. During the fellowship she will teach, complete her dissertation, and engage in academic career development.



REUNION

JUNE 8-10, 2018

REKINDLE YOUR MAC SPIRIT

with like-minded classmates, enjoy all the new traditions and celebrate all that you remember about Mac.

Register now. Everyone is welcome.
macalester.edu/reunion

CLASS NOTES

2010

Laura Eash looked forward to joining the Gluten Intolerance Group as development coordinator in March.

2011

Nadia Stennes-Spidahl Giltzner announced the birth of a daughter, Rosemary Laura, in May 2017.

2012

Hilary Schroeder has joined the Asheville Art Museum in Asheville, N.C., as a curatorial assistant and coordinator of the Luce Project. She will be part of a team overseeing a major reinstallation of the museum's permanent collection and the publication of a guide to the collection.

2013

The Class of 2013 will celebrate its 5th Reunion June 8-10, 2018.



Paul C. Olson '76 and Helen Morse Olson '75 celebrated their 40th wedding anniversary with a trip to Kiev, with a stop in Paris along the way. Helen had the chance to meet Paul's colleagues from previous business trips to Ukraine. Helen retired as a teacher at Minnewaska High School in 2015. Paul, who continues to work, also traveled to Russia and Romania last year. Paul and Helen have grandchildren in Minnesota and Utah.

Remember all those conversations you had at Mac, and each new idea and passion you discovered? The annual Mac in Your City event provides an opportunity for alumni to gather and engage in their community, discuss their passions, and celebrate their Macalester pride.

You can help us reignite that same passion and energy in your city by hosting a Mac in Your City gathering. Interested? Let us know. As a host, you will play a vital role in this once-a-year, global tradition when Macalester alumni reconnect with alums they know, make new connections, and inspire all to engage with the college. Join us in creating that special moment for alumni in your city.

MAC
Thursday // October 4 // 2018
MAC IN YOUR CITY
macalester.edu/macinyourcity

1943

Richard P. DeLong, 96, died Dec. 31, 2017, in Chandler, Ariz. He served in the U.S. Navy during World War II, attaining the rank of lieutenant JG. After the war, Mr. DeLong joined his father's business, Rum River Lumber Company in Anoka, Minn., and became co-owner of the company in 1961. Mr. DeLong is survived by his wife, Marjorie, three sons, and their children.

Peggy Henry Matthews, 96, of San Diego, died Jan. 16, 2018. After working as a model for several Twin Cities department stores and a fashion coordinator for Field Schlick Department Store, Mrs. Matthews was *Mademoiselle* magazine's Midwest editor for 17 years. She later moved to San Diego, where she became an active volunteer and philanthropist, served as president of the Klee Wyck Society, and worked as special events coordinator for The Broadway.

1946

Patricia Justice Wise, 93, of St. Paul, died Sept. 30, 2017. She is survived by a daughter, grandchildren, great-grandchildren, and sister **Mary Justice Dobie '47**.

1947

Jean Taplin Albertson, 91, of Fargo, N.D., died Dec. 20, 2017. She is survived by a daughter, son **Scott Albertson '74**, and five grandchildren.

Rosanne Geldert Freeburg, 89, died Feb. 9, 2017. She is survived by four children, 12 grandchildren, and 11 great-grandchildren.

Joyce Miller Hardin, 92, of Fletcher Hills, Calif., died Nov. 19, 2017. She was a junior high school mathematics teacher

and retired in 1985 after 16 years as a high school guidance counselor. Mrs. Hardin is survived by a daughter and a son.

1949

Jane Wilson Micklesen, 94, of Lake Forest Park, Wash., died Nov. 29, 2017. She served as a nurse with the Women's Army Corps during World War II and studied and practiced modern dance. Mrs. Micklesen is survived by three children, seven grandchildren, and nine great-grandchildren.

Lucille Byron Tefft, 91, of Newton, N.J., died Nov. 24, 2017. She was a homemaker who volunteered with numerous organizations and lived in Greece, Sri Lanka, and Kenya. Mrs. Tefft is survived by two daughters, a son, seven grandchildren, and several great-grandchildren.

1950

Carolyn Sargent Guthrie, 89, died Jan. 8, 2018. She was active as a volunteer with numerous community organizations. Mrs. Guthrie is survived by five daughters (including **Elizabeth Guthrie '88**), a son, 11 grandchildren (including **Erik Jackson '05**), and brother **Jim Sargent '50**.

Milton A. Olson, 90, of Maplewood, Minn., died Dec. 21, 2017. He is survived by a daughter, a son, four grandchildren, two great-grandchildren, and a brother.

Lee E. Tomlinson, 90, of Plymouth, Minn., died Nov. 25, 2017. He served in the U.S. Navy during World War II and worked for IDS for many years. Mr. Tomlinson is survived by his wife, Shirley, a daughter, a son, and a sister.

1951

John A. Burgener, 88, died Feb. 13, 2018. He served for two years in the U.S. Army and worked as a geologist in the United States, Guatemala, and Libya. Mr. Burgener is survived by his brother, **Kent Burgener '58**.

Dale A. Larson, 89, of Chelsea, Mich., died Nov. 29, 2017. He served with the U.S. Army during the Korean War, and later taught high school mathematics and operated a family farm. He also hosted guests from around the world at a bed and breakfast and worked in the summer as a camp counselor in Wisconsin. Mr. Larson is survived by his wife, Marilyn, two daughters, two sons, five grandchildren, and sister **Nona Larson Pederson '59**.

Patricia Meile Manning, 90, of Mahtomedi, Minn., died Jan. 8, 2017. She was a professional organist and choir director. Mrs. Manning retired in 1989 as a social worker with Ramsey County Human Services, where she was a legal advocate for disabled clients seeking benefits. She is survived by several children and a grandchild.

Mary Ingersoll Schoenman, 87, of Auburn, Wash., died Nov. 13, 2017. Mrs. Schoenman was a pioneer in special education and a founding teacher at a school for physically disabled children in Minneapolis. Mrs. Schoenman is survived by her husband, Dick, two daughters, two sons, 13 grandchildren, and 16 great-grandchildren.

1952

George M. Booth, 88, of Rock Hill, S.C., died Dec. 30, 2017. He worked in the hospital and nursing home industry for 39 years, mainly in Connecticut. Mr. Booth is survived by his wife, Joan, a daughter, a son, two granddaughters, and three great-grandchildren.

Beverly Andersen Boswell, 87, died Feb. 3, 2018. She taught high school mathematics in Laurel, Miss. Mrs. Boswell is survived by her husband, Sam, two daughters, a son, five grandchildren, two sisters, and a brother.

Stanley R. Esterly, 87, died Dec. 20, 2017, in Dell Rapids, S.D. He had a career as a writer. Mr. Esterly is survived by three brothers.

Gerald F. Moede, 87, died Feb. 13, 2018. He served as pastor of several Methodist parishes in Wisconsin and taught at seminaries in Princeton and Dubuque. He was also involved with the World Council of Churches from 1967 to 1974 and was executive secretary of the Consultation on Church Union from 1974 to 1988. He retired to Waupaca, Wis., in 1995. Mr. Moede is survived by his wife, **Elizabeth Warren Moede '52**, a daughter, two sons, two grandchildren, and a sister.

Elizabeth Croal Reid, 87, died Dec. 16, 2017, in Minneapolis. She received a Minnesota Parks and Recreation Association Award in 2006 in recognition of her 25 years of community service. Mrs. Reid is survived by two daughters, five sons (including **Robert Reid '80**), eight grandchildren, two great-grandchildren, and three sisters.

Gretchen Tift Widner, 87, of Sun City West, Ariz., died Jan. 7, 2018. She worked as a teacher in Great Falls, Mont., and St. Paul. Mrs. Widner is survived by a daughter, a son, and three grandchildren.

1953

Anne Strawn Anfinson, 86, of Bloomington, Minn., died Dec. 15, 2017. She is survived by a daughter, a son, and two brothers.

IN MEMORIAM

John H. Ladd, 86, of Sycamore, Ill., died Dec. 29, 2017. He served in the U.S. Army for two years and worked as an English teacher, a golf coach, and a college director of admissions. Mr. Ladd is survived by his wife, **Wilmina Sutton Ladd '56**, a daughter, a granddaughter, and a brother.

Everett J. McCubrey, 86, of Dawsonville, Ga., died Nov. 29, 2017. He served in the U.S. Navy as an officer in the supply corps and worked for IBM for nearly 40 years as a marketing manager. Mr. McCubrey is survived by three children, five grandchildren, a great-grandchild, sisters **Betty McCubrey Sandell '46** and **Lael McCubrey Sanders '51**, and brother **Bill McCubrey '56**.

Catharine S. Richardson, 85, died Nov. 24, 2017, in Wabasha, Minn. She was a full-time mother and active volunteer. Mrs. Richardson is survived by her husband, Ed Wirtz, a daughter, two sons, three grandchildren, and a brother.

1957

E. Daniel Hazen, 83, of Bloomington, Minn., died Nov. 20, 2017. He sold institutional bonds in the securities industry for most of his career. Mr. Hazen is survived by his wife, Sandy, six sons, eight grandchildren, and seven great-grandchildren.

Lloyd V. Knutson, 83, died Jan. 10, 2018, in Gaeta, Italy. After stints at Cornell University, the USDA, and the Smithsonian Institution, Mr. Knutson served as a research leader in entomology in the United States, Italy, and France. He was the author of more than 200 technical publications and books and served as president of the Association of Registered Professional Entomologists. Mr. Knutson is survived by his wife, Edmea Demeglio Knutson, a daughter, a son, seven grandchildren, and a brother.

Beatrice Gillitt Mattson, 82, of Sacramento, Calif., died Nov. 20, 2017. A career counselor with the San Juan Unified School District, she retired in 1991. Mrs. Mattson is survived by her husband, Harold, a daughter, a son, and two grandchildren.

1958

McDonald Winton, 85, of Excelsior, Minn., died Dec. 26, 2017. He served in the U.S. Army and built single-family homes and developed apartment complexes in St. Paul and St. Petersburg, Fla. Mr. Winton is survived by his wife, Betty, two daughters, two sons, 10 grandchildren, and a sister.

1959

Donald H. Luecke of Rockville, Md., died Jan. 1, 2018. He was the husband of **Yvonne Hedman Luecke '61**, the father of two children (including **Gretchen Luecke Walters '90**), and the grandfather of five.

1960

Jo Ellyn Taylor, 79, died Oct. 25, 2017, in Tustin, Calif. She was an elementary school teacher and trained other Bay Area teachers at the Far West Lab. Ms. Taylor is survived by a sister.

1961

Lydia Marty Lamphere, 78, died Jan. 23, 2018. She is survived by her husband, Frederick, two daughters, a son, and four grandchildren.

1962

Elizabeth Rudberg Bole, 76, died Nov. 10, 2017. She is survived by her husband,

Ron Bole '62, two sons (including **David Bole '90**), two grandsons, two sisters, and a brother.

Robert A. Huebner, 78, of Ames, Iowa, died Feb. 17, 2018. He served in the Army Reserves and worked as an accountant and controller. Mr. Huebner also co-owned a Domino's Pizza franchise with his son. He is survived by his wife, Karen, two daughters, a son, four grandchildren, and a sister.

Carole Baumgartner North, 77, of Mendota Heights, Minn., died Jan. 8, 2018. She is survived by a son and grandchildren.

1963

Jerome C. Challman, 76, of Duluth, Minn., died Jan. 8, 2018. He volunteered with the Peace Corps in the Philippines and Chile and worked as a school social worker in Duluth. He also served as president of the Minnesota School Social Workers Association and the Greater Minnesota Health Care Coalition. Mr. Challman is survived by his wife, M. Beverly Bernston, and a sister.

1964

Richard L. Kormanik, 75, of Maple Grove, Minn., died Feb. 1, 2018. He taught business education for 35 years at Minneapolis South High School, where he also coached football and badminton and served for 12 years as athletic director. Mr. Kormanik is survived by his wife, Judy, two sons, a grandson, a sister, and a brother.

Fred D. Worman, 76, died Jan. 16, 2018, in Springfield, Mo. He worked for the South Dakota State Legislature and the U.S. Department of Agriculture's Agricultural Research Service in Minneapolis. He later did community development work among the Miskito Indians in

Honduras and worked with a consortium of American universities researching farming systems in Botswana. Eventually, Mr. Worman joined the agriculture department at the University of Central Missouri and became the department's chair, retiring in 2008. Mr. Worman lived on a 55-acre farm that produced vegetables, fruits, and herbs for the local farmers' market and a local café. He is survived by his wife, Mary, four children (including **Scott Worman '93**), eight grandchildren, and a brother.

1966

Karen Smith Kingsbury, 73, of St. Paul, died Dec. 22, 2017. She worked in reservations with Northwest Airlines for many years. Mrs. Kingsbury is survived by her husband, Michael, a daughter, two sons, two granddaughters, two sisters, and two brothers.

1967

Mary Hemingway Stoddard, 73, died Nov. 16, 2017, in Brookings, Ore. She worked with special needs children and was employed by the Brookings-Harbor School District. Mrs. Stoddard is survived by a sister and three brothers.

1968

Allan J. Campbell, 70, of Marcell, Minn., died Dec. 17, 2017. He worked for 3M for 38 years. Mr. Campbell is survived by his wife, Sue Ellen, two children, and a sister.

Jon R. Fortney, 71, of Arden Hills, Minn., died Jan. 25, 2018. He worked in retail management for 40 years. Mr. Fortney is survived by his wife, Mary, a daughter, two sons, seven grandchildren, and two brothers.

Jane Brunelle Mattson, 70, died April 8, 2017. She is survived by her husband, **Pete Mattson '68**, two daughters, a son, five grandchildren, and two brothers.

Loretta F. Strong-Thompson died recently. With her son, she ran Board and Care Homes, which serves mentally and physically challenged individuals. Rev. Dr. Strong-Thompson also served as pastor of Messiah Ministries, a teacher with the International College of Bible Theology, and as an ordained minister with American Mission Teams. She is survived by three sons, four grandchildren, and two sisters.

1971

Richard C. Carus, 68, of Rio Rancho, N.M., died Jan. 28, 2018. After graduating from Louisville Presbyterian Theological Seminary, Mr. Carus served churches in Arizona, Nebraska, Iowa, and New Mexico. He also participated in or led

40 church mission trips and served at the presbytery level in Texas and Minnesota. He is survived by his wife, Sue, a son, a sister, and a brother.

1973

Josephine M. Luna, 66, died Feb. 26, 2016. She worked as a hospital biller. Ms. Luna is survived by a son and a grandson.

1974

Stephen Borstad, 65, of Hutchinson, Minn., died Oct. 14, 2017.

1975

Mark F. Schrader, 66, of La Crosse, Wis., died Dec. 22, 2017. He was a self-employed sawyer. Mr. Schrader is survived by two sons, three grandchildren, his mother, and two sisters.

1977

Mark D. Luedke, 62, of New Boston, N.H., died Jan. 14, 2018. He served as radiology chairman and vice president of the medical staff at Elliott Hospital, president of the New Hampshire Radiology Society, and medical director of radiology at Monadnock Community Hospital in Peterborough, N.H. Dr. Luedke is survived by his wife, Rhonda, a daughter, a son, a grandson, his father, a sister, and a brother.

1978

Sine Hill Hough, 61, of Clinton, Wash., died Jan. 24, 2018. She was employed by the U.S. Army Corps of Engineers and worked in strategic planning and business process engineering. She was also an instructor at Island Athletic Club and ran five different home businesses. Mrs. Hough is survived by her husband, Andy, two children, her mother, a sister, and a brother.

W. Alan White, 60, died May 27, 2017, in Altoona, Wis. He worked for IBM as a technical support professional. Mr. White is survived by his wife, Jerrene, two daughters, two sons, two grandchildren, his mother, two sisters, and a brother.

1982

Kimberly A. Church-White, 57, died Dec. 16, 2017. She is survived by her husband, Bryan, a daughter, her parents, and a brother.

2003

Louise M. Magill, 36, died Dec. 11, 2017. She worked at the University of Texas Co-op in Austin for more than 10 years and catered at country clubs and the convention center in Austin. Ms. Magill is survived by her parents, a sister, and two brothers.

// OTHER LOSSES

Kevin E. Maynard, 66, of Circle Pines, Minn., died Feb. 17, 2018. As a project manager at Macalester, he oversaw various renovation and repair efforts, including the renovation of the Janet Wallace Fine Arts Center. Mr. Maynard is survived by his wife, Ruth, a daughter, a son, four grandchildren, and a sister.

Jerry R. Sanders, 64, Macalester's chief information officer, died Feb. 25, 2018. Prior to coming to Macalester in 2006, Mr. Sanders worked at Loyola University in Chicago for 24 years, first as manager of academic computing and ultimately as associate provost and chief information officer. He was the founder of the Minnesota Higher Education Technology Association. Mr. Sanders is survived by his wife, Tracy, and his parents.



Springfest

Students from 1977 celebrate the coming of warmer days at the fourth annual Springfest. *The Mac Weekly* (April 29, 1977) said it best: "Macalester will have its annual all-time greatest showdown round-up shindig boogie-woogie rock-and-roll-USDA-government-certified-prime-time extravaganza. Hot damn! Softball in the afternoon and boogie-woogie at night."

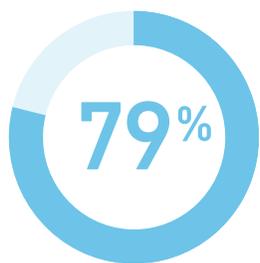
You Can Make A Difference

Your generosity provides Mac students with resources and opportunities that allow them to grow and thrive. These are a few of the many ways your Annual Fund gift makes an impact.

TEACHING AND LEARNING



Macalester's 10:1 student-faculty ratio creates a meaningful impact on student experiences.



The percentage of 2017 graduates who interned or participated in student-faculty/professional research at least once during their time at Mac.

31

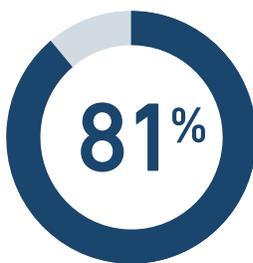
The number of academic departments, offering 38 majors in 63 areas of study, including two new concentrations: food, agriculture and society, and cognitive science.

CAREER DEVELOPMENT

“LISTENING TO ALUMNI TALK ABOUT THEIR CAREERS AT CDC EVENTS CAN BE EXPECTATION SHATTERING BUT IN A GOOD WAY—ONE THAT HELPS BRIDGE THE GAP BETWEEN LIFE ON CAMPUS AND THE REAL WORLD.”

—Kamil Ali '18
International Studies major
Career Development Center Undergrad Fellow

FINANCIAL AID



Percentage of first-year students who received financial aid in the fall of 2017.



One third of students pay less than 25 percent of Mac's posted tuition costs thanks to financial aid.

NEW THINKING

“STUDENTS DEVELOP CREATIVE SOLUTIONS TO PROBLEMS BECAUSE THEY HAVE LEARNED HOW TO LISTEN. I'VE HAD STUDENTS GO TO LAW SCHOOL, MEDICAL SCHOOL, AND OPEN THEIR OWN BUSINESSES.”

—Cláudia Tatinge Nascimento,
professor and chair of Theatre and Dance

Macalester's new theater and classroom building, scheduled to open in January 2019, will feature flexible performance spaces and even more opportunities for interdisciplinary connections.

NEW APPROACHES

24

Number of hours that students have in both Macathon and MacroBurst competitions to solve a real-world problem or create an original performance or piece of music.



MACALESTER COLLEGE

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