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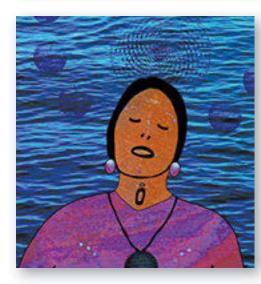
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Take a deeper dive into the art and science of water



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It's one of a series exhibited by the Broad Art Museum and is meant to make viewers consider the impacts of climate change.



PRESIDENT'S MESSAGE

ON THE BANKS OF THE RED CEDAR.... A WATER-RESEARCH POWERHOUSE



The picturesque Red Cedar River, which flows through the Michigan State University campus, is a tributary in the vast Great Lakes watershed. The largest fresh water reserve in the world, the Great Lakes define the state of Michigan with its nearly 3,300 miles of shoreline, plus some 11,000 inland lakes.

So it's fitting MSU is a leader in water research that makes an impact on communities across Michigan and around the globe. Along with our colleagues at the University of Michigan and Wayne State University, we've recently invested \$300 million in water research over five years.

But, as I reminded fellow attendees at the Global Conference on Inland Fisheries in Rome last year, research must be accompanied by an understanding of the cultural and social context of our vital water resources. Consider Flint, which

today remains challenged to provide clean drinking water not because of lack of technology, but for economic, political, and social reasons. Ensuring access to clean and safe water supplies while maintaining healthy, sustainable

Ensuring access to clean and safe water supplies while maintaining healthy, sustainable aquatic ecosystems is a critical and complex challenge that MSU is well positioned to tackle. The work of top researchers across dozens of disciplines is informed by our broad, global perspective and strengthened by deep roots in communities from East Lansing to East Africa.

That approach infuses the work of MSU researcher Joan Rose, the 2016 recipient of the prestigious Stockholm Water Prize. The Homer Nowlin Endowed Chair of Water Research was honored for her work on waterborne microbial threats, her scientific translation to policy makers, and her global leadership in the field.

MSU recently hired a number of new faculty members to conduct research in the areas of water technology, policy, health, and environmental and societal impacts. In addition, we established the MSU Water Science Network to link multiple efforts across the university to advance innovative science that addresses the most important global water problems. We're doing this by building strong collaborations among faculty members, facilitating joint research grants, and promoting MSU as a center of excellence in water.

Now we're inviting campus and community members to participate in an initiative that highlights critical water issues and the significant and diverse water-related work in which MSU Spartans are engaged. Through creative programming, activities, and dialogue, the Water Moves MSU project will help foster innovation and collaboration in new ways that afford everyone a deeper dive into the scientific, artistic, cultural, and health perspectives of the world's most precious resource.

Lee Som Kisan S

Lou Anna K. Simon, PhD 🤍 President, Michigan State University





LIFE LESSONS FROM THE RED CEDAR RIVER

Of all the natural wonders that caress our beautiful campus, the Red Cedar River is, perhaps, most symbolic.

Its waters flow inexorably toward the west, reminding us that we must continuously expand our own horizons of thought and explore new vistas beyond our comfort zones. It is a combination of gently undulating currents and explosive rapids, much like the course of our own adventures, which inevitably reveal both calm and calamity.

The Red Cedar, in its time, has been both abused and renewed. Past pollution is still evident; even as we can once again safely probe its depths for fish and dangle our toes in its often-icy embrace.

It sometimes presses beyond its boundaries. Those of us who are "seasoned Spartans" remember how it flooded parts of campus, reminding us that paradigms

Immediate

surrounding ourselves create limitations that are meant to be broken.

The Red Cedar is beautiful in every season, reflecting the deep greens of summer, the fiery colors of fall and the dancing diamonds of a noontime sun. Its sights and sounds attract us in moments when our souls need refreshment. It gives us constant comfort that it will always be at the center of our campus existence, a spiritual place to be studied and admired with a mindfulness that defines every true Spartan's being.

And what is the fundamental component that makes our beloved Red Cedar the magical thing that it is? Water. A simple combination of two biological elements that are essential to our very existence.

Whenever I have the privilege of considering the Red Cedar, I think about the water that is its essence. From the beginning, water has been a central point of study at Michigan State. We've never forgotten its importance. We try to treat it with endless fascination and deep respect. And we work very hard to make certain that there is enough of it for all on the planet who need it.

And so it is with all the elements that make up this ever evolving experiment that is higher education. Transformational knowledge; life-changing experiences; celebrations of our rich diversity of culture, ideas and opportunity; and the promotion of universal understanding and peace.

Now as ever, we recommit ourselves to work toward the day when there are enough of these things for everyone. And like the relentless Red Cedar, we will never give up—until we succeed.

W. Scott Westerman III Executive Director, MSU Alumni Association

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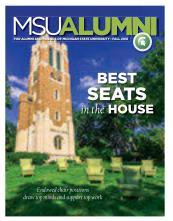
John Sierota Christy Thaxton As of July 1, 2016

Bruce Herman WINTER 2017 | alumni.msu.edu

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CONGRATULATIONS ON YOUR FALL 2016 MSU ALUMNI PUBLICATION



Dear Ms. Davenport, It is a rare occurrence when I write an editor... in fact this may be the first time. But, I want to congratulate you and your staff for an outstanding alumni publication. The colorful cover is intriguing and introduces the continuing theme of

improved chair endowment. It is most clever how the "chairs" in the articles are seated in the same chairs.

The photography is engaging and the interview questions are insightful. I enjoy learning about the breadth of the academic achievements of MSU and the faculty. I will be forwarding a couple sections to students who are beginning their college search. One student in particular loves horses and doesn't quite know what she can do with her interest. Your publication's timing is perfect.

Having just read *The Hidden Life of Trees* by Peter Wohlleben, I truly appreciate the article about the 350 year-old tree that demonstrates the steadfast nature of these amazing plants and their value to MSU's campus.

The fresh perspective on the MSU 2015 football season stood head and shoulders above the usual sports writer commentary and made the season exciting all over again!

On this particular day in the mail, your publication arrived with about 25 other catalogs hawking for the holiday season. I actually read yours cover to cover and tossed most of the others.

Congratulations on a superb publication. It visually conveys MSU's excellence.

Jill Egan

Parent of Colleen Kerr Egan '13, & '14 Criminal Justice

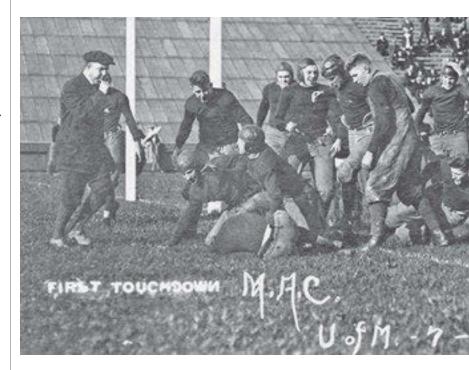
THANKS FOR THE **MEMORIES**

Loved the article *Sixty Miles of Separation*. I carefully examined the picture (pages 38 & 39) and suspect the player on the ground may be my grandfather, Arthur DeWitt Peters, who played for MAC and was captain of the team about 1901/1902. The profile is perfect.

The research done in the MSU athletic department back in 1967 substantiated that he had been captain two consecutive years (but I cannot remember which), as they provided me with a souvenir football covered with the signatures from that year's team and Coach Daugherty, which I sent grandfather for his birthday. Nothing could have made him happier, and it was so timely, as he died the next year.

Our Spartan family's connections include Cornelia Fisher (who attended what was apparently a two-year session at MAC) and married grandfather, followed by my parents Arthur Devitt Peters Jr. and Alyce Louise Waterman, MSC class of 1936, and then me. Thanks for the memories.

Joan (Peters/VanDeventer) Ogden, 1968







Standing by a replica of an adult male elephant seal, all 4,500 pounds. My favorite volunteer duty now that I'm retired is explaining the fascinating life of this sea creature to visitors from all over the world.

RECALLING THE UPS AND DOWNS OF **MY YEARS AT MSU**

Thank You to MSU. I so enjoyed the Fall 2016 MSU Alumni edition as well as my fall return to campus after 50 years.

Now retired from a career in education, I live in Arroyo Grande, California serving as a volunteer guide at the Piedras Blancas Elephant Seal Rookery in San Simeon (www.elephantseal.org).

Through the years, folks have asked why I chose Michigan State. When visiting there the summer of my junior year of high school, I remember the large campus, a city of students with its own bus service, a fabulous dairy, and programs well rated in my major interest (home economics focus on interior design). Years later, I wondered myself since my graduate degrees and career took me into new directions.

I finally returned to MSU this last October with my husband, Rusty Moore. We stayed 2 nights at the Kellogg Center eating breakfasts and dinners in the State Room, where I had been a waitress while at MSU. Yes, it is still one of the best restaurants in the USA. As I walked the campus awash with the vibrant fall leaves, I reconnected with the adventuresome teenager from 1966...as well as the grief-stricken one from spring quarter, 1968. My MSU years were "the best of times and the worst of times."

The worst: during spring break of my sophomore year, my father died suddenly from an apparent heart attack. I was with other MSU students in the Bahamas and it took two days for my mother to locate me. I received the news about my dad when in a Nassau hotel lobby.

The best: I had little money and a stranger at the Miami Airport bought me a ticket back to Washington, DC. Unbeknownst to me, my father's business was failing and he was deep in debt. Both MSU and my sorority, Alpha Phi, offered me scholarships and loans.

Earlier in my sophomore year, I was surprised when Alpha Phi nominated me for the Homecoming Queen contest. Soon I was equally surprised that I was one of ten on the court...and then shocked when I was chosen Homecoming Queen. That weekend, with both my parents with me, turned out to be the most memorable gift of all since it was the last fall with my dad.

During my last two years at MSU, I became a serious student. Friends and professors helped me during many sad days. Thank you MSU for your support and grounding as I navigated 1966–70. I know now why I chose you and how my time there launched me into what has been a very satisfying life.

I now volunteer with the Piedras Blancas Elephant Seal Rookery. For the last three years, from December to March, over 5,000 babies are born right in front of our eyes.

Abby Adams, 1970





INTRODUCING THE **NEW BIO ENGINEERING BUILDING** By Kim Ward, MSU

The highly anticipated Bio Engineering Facility opened its doors for the first time in October, welcoming a fresh class of biomedical engineering graduate students and a new chairperson.

Christopher H. Contag will join MSU as the inaugural director of the Institute for Quantitative Health Science and Engineering and the chairperson of the new Department of Biomedical Engineering.

The Department of Biomedical Engineering was established in January 2015 and began accepting students into the graduate program last fall. The department is housed in the new Bio Engineering facility. This facility will bring together engineers and basic science researchers with medical researchers to help solve some of the world's biggest challenges. "At MSU, the most pressing biomedical questions will direct the science, and if we don't have the tools we need to answer those questions, we'll build them," Contag said.

"Our goal is to understand complex biological processes in the context of living organs and tissues for the purpose of developing and engineering the most effective therapies to restore normal function.

We have a real opportunity to drive the convergence of disciplines through biomedical engineering, and make fundamental discoveries that change paradigms in biomedicine."



egr.msu.edu/bme



GILBERTS' \$15 MILLION GIFT SUPPORTS BASKETBALL, STUDENTS AND DETROIT

By Matt Larson, MSU

Michigan State University alumni Dan and Jennifer Gilbert announced a \$15 million donation from their family foundation to impact and elevate student success and one of the nation's elite basketball programs.

The Gilberts' gift will support a new addition and renovation of the Breslin Center at MSU that will enhance the fan experience for the more than 500,000 people who attend basketball games and other events there each year.

The gift also will support two MSU programs; the Detroit Scholars Program (DSP) and the Resource Center for Persons with Disabilities (RCPD).

The DSP provides academic support and scholarships for Detroit-based students attending MSU, including those who are the first in their families to attend college or who have come from academically disadvantaged backgrounds.

The RCPD makes campus accessible to those who are visually impaired or deaf, have mobility challenges, learning disabilities, chronic health or mental health conditions or are on the autism spectrum."Michigan State has played a large role in both of our lives and we are honored to support the university. Coach Izzo and Mark Hollis have built Spartan basketball into one of the nation's premier programs," said Dan Gilbert.

"Additionally, it is important that students of all backgrounds, including young Detroiters, realize their maximum potential and are exposed to the opportunities that higher education provides."

The donation is one of the largest in MSU's *Empower Extraordinary* campaign, which has raised more than \$1.26 billion since 2011 to support global problemsolving research, endowed faculty positions, enhanced facilities, and student opportunities.

Dan Gilbert is a 1983 graduate from the College of Communications Arts and Sciences and Jennifer Gilbert is a 1990 graduate from the College of Agriculture and Natural Resources.





J SCHOOL CHRISTENS NEWSROOM ON ELECTION NIGHT

By Tom Oswald, MSU

Students from all across the School of Journalism got a taste of professional level breaking news in a new top notch facility.

On Nov. 8, more than 250 students worked as reporters, editors, photographers, designers, and social media experts to cover Election Day. The project is known as "MI First Election," during which students cover nearly every aspect of the election, from township boards to ballot proposals all the way up to the presidential race.

But when student journalists from Michigan State University covered this past election, it marked a pair of firsts.

For many of the students, it was the first election they participated in. But the students also inaugurated a newly created space designed to cover a news story of that magnitude.

The Newsroom, located on the first floor of the Communication Arts and Sciences Building, covers nearly 5,000 square feet and includes all of the technology that real-world journalists employ, and then some. Among the new technologies are motioncapture, virtual reality, animation and, augmentedcontent equipment, all of which help news consumers literally be a part of the story.

The Newsroom provides one large space for students to work together to produce news stories, and its state-ofthe-art equipment will further highlight MSU's School of Journalism as an international, cutting-edge program.



MSU BRINGS **MBA PROGRAM TO DETROIT** By Kim Ward, MSU

In its latest chapter of investing in Detroit's resurgence, Michigan State University will take its Eli Broad College of Business Executive MBA program to the city. This will be the first MBA program of this kind in Detroit.

Eli Broad, a Detroit native and renowned business leader, graduated with honors from Michigan State University in 1954 with a degree in accounting. In 1991, Broad made what was at the time the largest gift commitment ever made to a public business school.

"I credit my education at MSU as the foundation for my business success, and Broad College has become one of the country's leading business schools," Broad said. "I expect aspiring business leaders and entrepreneurs in Detroit will jump at the opportunity to earn an executive MBA from MSU, which will build the talent to help the city continue its economic resurgence."

For decades, MSU has been working with partners in Detroit to support economic development, advance the arts, transform schools, improve health and sustain the environment, said MSU Provost June Pierce Youatt. "Bringing our EMBA program to the people who live and work in the city is an important part of the continued revitalization of this great city. We are proud to work alongside Detroiters."

MSU's engagement in Detroit is an intentional result of our land-grant mission to work with stakeholders where they live as partners in empowering people for better lives and as co-creators of solutions to their most pressing problems.







Among the Darkest Shadows

Feb. 16-19

Among the Darkest Shadows is written by California-based playwright José Cruz González and follows Lodi and Pinta's harrowing journey through contemporary

enslavement and their struggle to be free. The story is told largely through innovative dance portraying the magical realism of Gonzalez's writing, featuring his signature style of larger-than-life characters, bold visuals, poetic images and striking symbolism. This commissioned dance is part of Wharton Center's Dance Series and is made possible by the William Wright Endowment Fund for New Works.

There will be an insight preview and after chat at both performances. The after chats will take place following the performances and the insight previews will be held at 6:45 p.m. for the Thursday performance and 12:15 p.m. for the Sunday performance.



whartoncenter.com



ADO

Cabaret

Feb. 21-26 Cabaret is the story of a group of artists and performers in Nazi Germany. It is set in the infamous Kit Kat Klub, where the Emcee, Sally Bowles, and a raucous

ensemble take the stage nightly to tantalize the crowd—and to leave their troubles outside.

This Tony Award-winning musical features some of the most memorable songs in theatre history, including *Cabaret*, *Willkommen*, and *Maybe This Time*.

Cabaret premiered on Broadway in 1966 and won eight Tony Awards, including Best Musical, in addition to the New York Drama Critics' Circle Award, the Outer Critics' Circle Award, the Variety Poll of New York Critics, and London's Evening Standard Award. The original Broadway production played 1,166 performances.

Stomp

March 31-April 2 See what all the noise is about. Stomp is an eight-member troupe that uses everything but conventional percussion instruments—matchboxes, wooden poles, brooms, garbage cans, Zippo lighters, and hubcaps—to fill the stage with magnificent rhythms. Year after year, audiences worldwide keep coming back for more of this pulsepounding electrifying show.



THE COLLEGE OF MUSIC

The Marriage of Figaro

(Le Nozze di Figaro) Wolfgang Amadeus Mozart March 22-26

Fairchild Theatre, MSU Auditorium

Often described as "the perfect opera," this combination of Mozart's sublime music and Lorenzo daPonte's sparkling adaptation of the Beaumarchais play has delighted audiences for more than 230 years. This enduring tale of class differences and privilege is particularly relevant today in the era of the "one percent."

Florestan and Eusebius

The Music of Robert Schumann Joanne and Bill Church West Circle Series April 3, 7:30 p.m.

Fairchild Theatre, MSU Auditorium

The ultimate Romantic composer, Schumann creatively named the two sides to his personality. Impetuous Florestan and sensitive Eusebius became key figures in Schumann's imaginary "Davidsbünd," a Band of David who stood up to the artistic Philistines of the day.

Piano Monster

MSU Federal Credit Union Showcase Series April 15, 3:00 p.m. Fairchild Theatre, MSU Auditorium

A beautiful, resounding wall of sound. Four grand pianos fill the stage with College of Music piano faculty artists commanding the instruments with a collective virtuosity like no other.



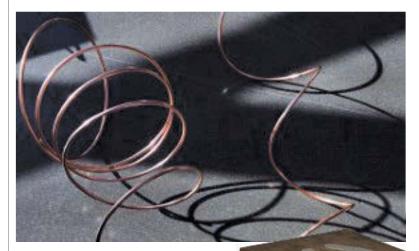
music.msu.edu

THE BROAD ART MUSEUM

Jan Tichy

MSU Federal Credit Union Artist Studio Series January 21–April 23

Chicago-based artist Jan Tichy has become increasingly well-known for his large-scale, community-based initiatives that respond directly to local, contemporary issues. For this residency, Tichy has been invited to address the Flint water crisis, working closely with high school students from Flint and Lansing to explore how different forms of creative expression can be used to communicate ideas and messages, while also touching on themes of social and restorative justice.



The Transported Man April 29–October 22

Marc-Olivier Wahler, the museum's new director, will be mounting an ambitious exhibition that will activate the entire museum for the first time. The Transported Man reflects on what is visible (and invisible) in our ordinary life and to what extent the notion of belief plays a role in how we interpret the world around us. Taking its title from a magic trick described in the novel *The Prestige*, by Christopher Priest—wherein a magician on stage disappears through a door and reappears from another one a few yards away—this trick, like many other illusions, relies on the notion of belief as cultivated between the magician and their audience.

broadmuseum.msu.edu

JOSHUA JOHNSON '17 URBAN IMMERSION FELLOW JAMES PATTERSON SCHOLAR COLLEGE OF EDUCATION

WHO WILL MAKE TOMORROW BETTER?

Michigan State University has become an important institution to educate young people on a significant scale. Each year approximately 10,000 Spartans graduate, many who are first generation students from modest backgrounds. Our history and capacity to help young people realize their potential is impressive—but there is more to do if we are to remain affordable to all who qualify.

In this campaign, alumni and friends like you are having a profound impact on students at MSU. You are helping to provide extraordinary opportunities to the best and brightest, regardless of their financial means. On behalf of current and future Spartans: Thank you!

LEARN HOW YOU CAN MAKE THE EXTRAORDINARY POSSIBLE GIVINGTO.MSU.EDU





WATERMOVESMSU

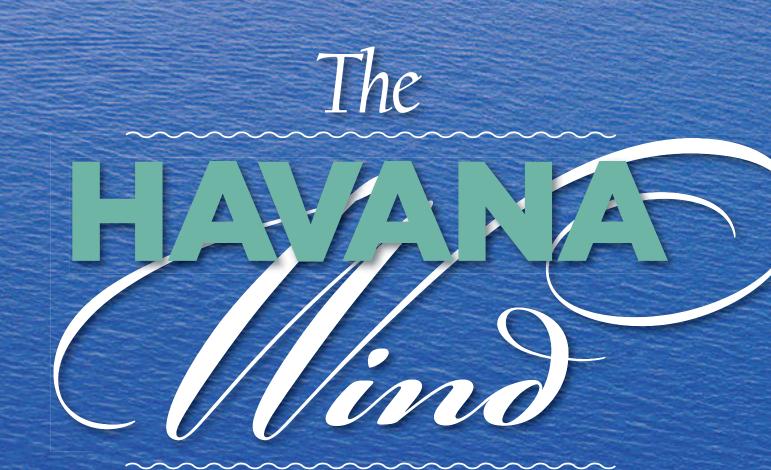
Last fall, the university launched a year-long plan to sharpen our attention and appreciation of water. The Water Moves MSU initiative is expected to sweep across campus, spurring scientific innovations, community action, cultural activities and artistic expressions—all inspired by water.

The goal is to "... take the lead in shaping a better tomorrow for the Great Lakes and beyond."

In keeping with the theme, this issue of the magazine opens with a true story that took place on the Florida Straits and in Cuba. Alumnus and author Dan Gerber penned the piece, which originally appeared in *Men's Journal Magazine* and was reprinted in his book, *A Second Life*.

You'll also find a selection of some of the ways we and our alumni are working to protect, conserve and celebrate water.

watermoves.msu.edu



ALUMNUS DAN GERBER RECOUNTS THE THRILL AND AWE OF AN ILLICIT 1995 SAILING TRIP FROM KEY WEST TO CUBA



Story by Dan Gerber Photos by Benjamin "Dink" Bruce

We knew of a dozen boats that had made the crossing in the past year, and, to our knowledge, none of their crews had been blown out of the water or thrown in jail. hen I was growing up on the eastern shore of Lake Michigan, there were hot summer days, given to mirage, when I thought I could make out the skyline of Milwaukee across the lake, 90 miles away. I probably just wanted a glimpse of something exotic, and for years wondered what a "Milwaukee" might look like.

Now I live in Key West, and there are nights when Havana, about as far away as Milwaukee is from Michigan, seems to shimmer in the moonless dark. You cannot see Cuba from Key West, of course, but it's always just over the horizon, enchanting yet remotely menacing. The one solemn note struck on the Conch Train, a trolley tour of the island, comes when it pauses at the "Southernmost Point in the Continental U.S." and the driver announces, "Ninety miles over the water there lies communist Cuba." People often squint, as if trying to catch a glimpse of a great shark cruising the edge of a reef.

(In the 1950s) Cuba was a weekend getaway for wealthy Americans, who would fly down to Havana, and for not-so-wealthy Key Westers, who would take the family fishing boat across the Florida Straits. They went for the slightly illicit taste of gambling in the casinos or the aura of Latin debauchery. Then revolution, the Bay of Pigs, the Cuban Missile Crisis, the specter of communism, and two generations of isolation transformed the once-beautiful playground into the darkly shrouded satellite of the Evil Empire. And in 1961, the U.S. government, bowing to pressure from the Cuban American exile community and to a residual vendetta against Castro and communism in general, imposed a trade embargo against the island. It became off-limits to American companies, including airlines, so the best way to get there directly was by boat.

My friend A.D. Tinkham, a Key West artist, and his wife, Rebecca, own a 38-foot trimaran, *Restless Native*, and they often invite my wife, Debbie, and me along for sunset cruises. Debbie and I are experienced sailors, and A.D. and Rebecca enjoy the company of people who appreciate the workings of the boat as a break from their usual business of ferrying snorkelers and sightseers out to the reefs that surround the lower Keys.

"We celebrated with a predawn sip of rum. We were making six knots to the southwest, compensating for the eastward pull of the (Gulf) Stream."

It was on an evening junket in the summer of 1994 that the idea of sailing to Havana came up. What if, rather than turning back at sunset, as was our routine, we just kept going? There is nothing illegal about Americans going to Cuba, and therefore nothing for which we could be prosecuted—unless it was proved that we had spent money there. True, the government—specifically U.S. Customs—frowns on the idea of American citizens traveling to Cuba, but investigating every vessel headed south from Florida would be akin to the state highway patrol pulling over every car traveling 66 mph. As for the Cuban government, it welcomes visitors from Europe, even depends on them to sustain the tenuous economy. We didn't see any reason it wouldn't welcome Americans as well.

We knew of a dozen boats that had made the crossing in the past year, and, to our knowledge, none of their crews had been blown out of the water or thrown in jail. The only troubling incident had occurred last April, when John J. Young, the leader of Basta!, a movement dedicated to running supplies to Cuba, had been detained by U.S. Customs officials on his return to Key West from Havana. Agents had roughly searched his 44-foot fishing boat and confiscated two bottles of rum, eight Cohiba cigars and two T-shirts. The search had won the government a good deal of adverse publicity of the "jack-booted thug" variety. We discounted the incident as a strictly political statement and set about planning our trip.

A.D., hoping to play according to Hoyle, inquired at the Customs office in Key West about forms and procedures. "I can clear you for Mexico or the Bahamas, but I can't clear you for Cuba," an agent warned him. "If you go there in a commercial vessel, it could be impounded." Then, with a wry smile, he added, "But I didn't ask you the name of your boat." A.D., whose boat is commercially registered, beat a hasty retreat.

SETTING SAIL

We persevered over the next six months, discussing our plans with friends, some of whom had made the trip themselves. I was given the name of a man who had made several crossings, and I called to ask his advice. He was away, but the message on his answering ma-



chine was encouraging: "If you are thinking of going to Cuba, go. It's a beautiful country."

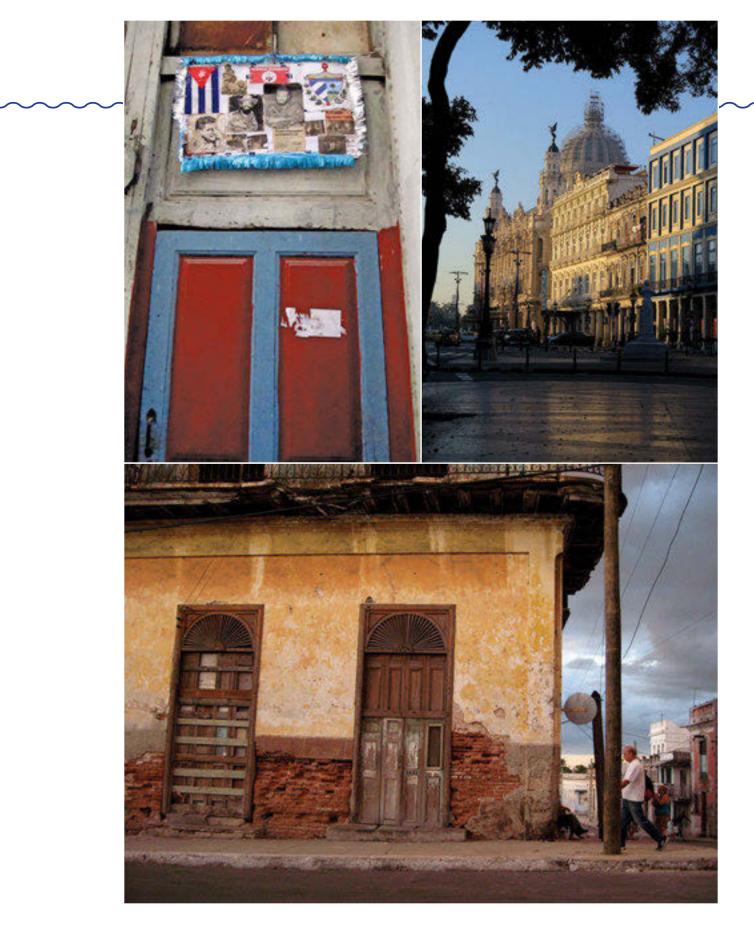
So at 4:30 on a clear May afternoon, after freeing up our schedules for a three-night journey, packing a few extra provisions and goodwill trade goods—soap, toothpaste, aspirin, Miami Dolphins and Grateful Dead T-shirts, and a few baseball caps from the Saltwater Angler, a friend's fly-fishing shop in Key West—we set out.

As we left the harbor, someone radioed to ask where we were going.

"Oh, just down to Woman Key," A.D. replied, referring to a remote island 10 miles to the west.

"I heard a rumor you might be headed somewhere a bit south of that," the radio voice rejoined.

"No. We're just headed out toward Woman," A.D. dissembled.



"...the four of us wandered a bit through the streets of Havana,

which were, by the turn of a corner, elegant or squalid, friendly or forbidding, redolent of diesel fumes or gardenias or human waste."

He wasn't lying, exactly. Owing to the strong southeasterly flow of the Gulf Stream—65 miles wide and two-and-a-half knots, according to the last report we had gotten from NOAA Weather Radio—we had decided to tack west toward Woman Key and sail 25 miles past it until we paralleled the Marquesas, a group of islands near the entrance to the Gulf of Mexico. There we would catch the Gulf Stream, the warm ocean current that flows around the tip of Florida and north along the east coast, and let it carry us toward Havana.

It was a beautiful evening with a fair breeze from the west. We were in high spirits as we passed the last navigational buoy at the end of Southwest Channel. Our home island was fading, and as the last trace of the outlying Keys dissolved into a chain of broken dots, the adventure became real for us. After a year of talking about it, our next landfall was actually going to be Cuba.

An hour beyond the channel, we passed a dead sea turtle—a large hawksbill, bloated and floating to our port side. At first I had taken it for a truck tire, though as we drew close, its tautly swollen skin glowed like burnished copper in the last red rays of the sun. "Not a very good start," said Rebecca. And for the next hour, nobody had much to say.

At eight o'clock we approached the Western Dry Rocks, nine miles from Key West. Heading southwest, we bisected the cobalt-colored Gulf Stream. I could feel its pull on the tiller like a sudden shift in the wind.

The Florida Strait is the main shipping route to the Panama Canal for vessels from Europe and the East Coast of North America. It's a big water, and a busy one for cargo carriers ten thousand times *Restless Native's* tonnage. One of these seaborne warehouses could unwittingly crush us like flotsam under its bow, so it was important to keep a close watch for silhouettes on the horizon and to closely track the progress of navigation lights during the night.

Around 9:30 we met the track of the *Gypsum Baron*, a mega-freighter we had spotted an hour earlier off our stern quarter. It looked as if we would cross her bow, but then she adjusted her course to the south, and as we saw her transom off toward Galveston, her shuddering

wake crashed over our bow and put us in a confused, deck-sopping sea.

When we had regained our composure and changed into dry clothes, Rebecca fixed supper, which we capped off with tumblers of Haitian rum. As the moon rose, chasing away all but the brightest stars, the wind fell off to the point that we dropped our jib and fired up the diesel.

A CLOSE CALL

A.D. and I were sleeping below when the first call came from the Coast Guard. Debbie was at the helm, and Rebecca came down to wake us. It was 4:30 a.m., and we emerged like hibernating groundhogs.

"This is the United States Coast Guard calling the vessel four miles off our port bow at twenty-three degrees, twenty-three minutes north latitude and eightytwo degrees, eighteen minutes west longitude."

After a moment, I said, "Maybe they're calling someone else," and we decided not to respond, even though we could see the cutter's lights to the northeast. By their fourth call, we had booted up a handheld global positioning system and confirmed that they had us pinpointed.

A.D. responded, "Coast Guard, this is *Restless Native*."

"What is your last port and intended destination?"

"Tell 'em the truth," I said. "What else can we do?"

A.D. shrugged and said, *"Restless Native* out of Key West and bound for Marina Hemingway." I held my breath, waiting for the ax to fall.

"What is the purpose of your trip?"

"Journalism."

They asked for our vessel numbers, boat length and the number of people aboard, then told us to stand by. It was a long few minutes, protracted by a silent litany of imagined repercussions, before the voice returned.

"Have a safe trip."

We celebrated with a predawn sip of rum. We were making six knots to the southwest, compensating for the eastward pull of the Stream. At about 10:30, 18 hours after we had left Key West, we began to wonder if we had gone too far west and missed Cuba. Then, suddenly, there was Havana, material-

"We drove past sugarcane fields, muddy streams, and forests, and often encountered horse-and ox-drawn carts."

izing through a blanket of heavy smog. Our arrival was heralded by a few dozen flying fish, at least 10 inches long, the largest I had ever seen. We entered Marina Hemingway, the yacht basin just west of the city, through a narrow break in the reef a quartermile offshore.

In the outer harbor, we spotted the Cuban flag flying outside a small stucco building: Cuban Customs. We tied up along its pier. For three hours, we visited with uniformed officials from Agriculture, Immigration, Customs and the Cuban Coast Guard. The protocol was the same with each: handshakes, soft drinks or coffee, forms to fill out. They spoke little or no English, and our collective Spanish was rudimentary at best. We consulted our English/Spanish dictionary frequently and used some creative sign language. The officials were friendly and welcoming. One, dressed in uniform and epaulets, left the boat wearing a Saltwater Angler hat.

We had landed during the annual Hemingway Sport Fishing Tournament. Dozens of fishing boats were lined up at the piers, along with sailboats from Sweden, Brazil, Germany, Britain and France.

At the concierge desk of a hotel near the marina, we booked rooms for the night at the Inglaterra Hotel in Havana, made dinner reservations and arranged for a car with an English-speaking driver to pick us up the next day. Then we called a taxi and headed into town.

'MUY INTERESANTE

The streets of Havana seemed oddly familiar, like cities in Florida I had visited as a child. Traffic was light, and almost all of the cars were pre-1958. We entered on Fifth Avenue, a broad thoroughfare of palatial homes—Havana's Sunset Boulevard—that had, since the revolution, become the embassy row.

We arrived at the Inglaterra Hotel around 7:30. It had jury-rigged partitions for walls, and exposed wiring. From our balcony, Debbie and I heard a political rally going on in a baroque building across the narrow street. We couldn't pick up many of the words, but the tone of the rhetoric and the martial music of the brass band were unmistakable. The plumbing in our room was out of order, as was the telephone, so I went down to the front desk to see when we might be able to shower. On my way back up, I met a man at the door of the elevator and, after we played a little "after you, Alphonse" about who might enter first, he smiled at me and said, "My Ingles is not so good."

"Nor is my Spanish."

"You are Inglés?" he asked.

"No. Americano."

He pulled in his chin, widened his eyes and, with a tone of incredulity, asked, "Norte Americano?" "Sí." I nodded.

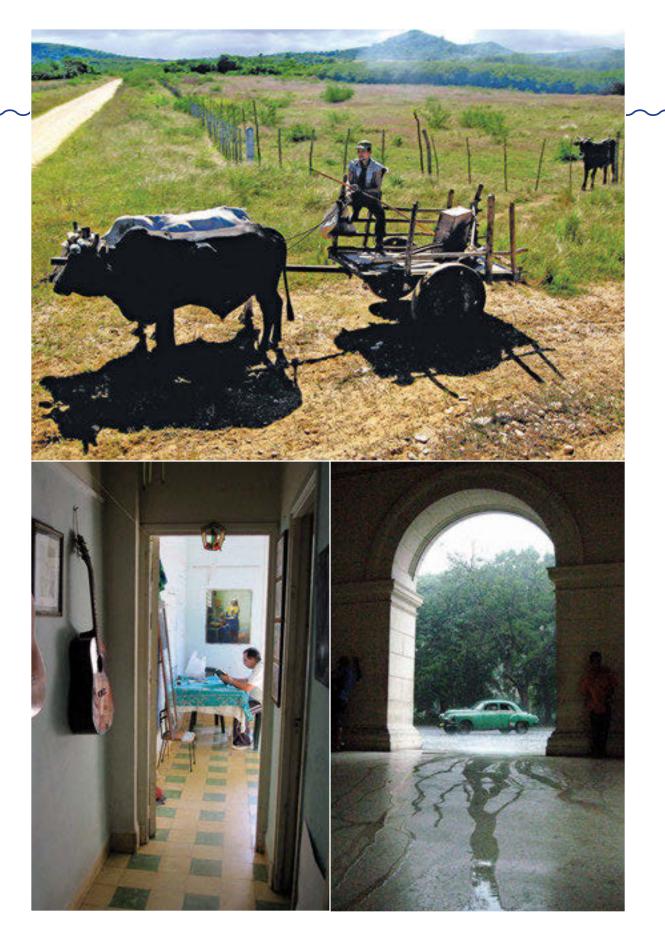
"Norte Americano?" He smiled and shook his head slightly. "Muy interesante," he said, and we bowed to each other before he got out on his floor.

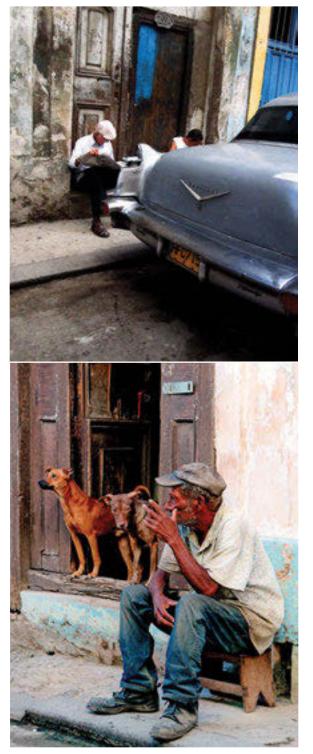
The next morning the four of us wandered a bit through the streets of Havana, which were, by the turn of a corner, elegant or squalid, friendly or forbidding, redolent of diesel fumes or gardenias or human waste. The Cubans we encountered seemed surprised that we were Americans rather than Europeans. They said they were happier learning English than they had been struggling with Russian. We handed out goodwill items and were given one- and five-peso notes as gifts. Cuban money seems to be purely decorative: All the prices in the bars and shops were in American dollars. We paid for everything in cash, to avoid leaving a paper trail.

After lunch we met our driver, Umberto, who took us into the countryside. We drove past sugarcane fields, muddy streams and forests, and often encountered horse- and ox-drawn carts. As it turned out, Umberto spoke no English, but he suffered our poor Spanish and drove us past his mother's house and the houses of several friends, pointing first out the window, then to himself, saying, "Mi amigo, mi amigo."

Hoping to return to Key West early the next day, we decided to sleep on the boat. At five o'clock, we asked Umberto to drop us off at Marina Hemingway. After a drink at the Old Man and the Sea Hotel, we turned in.

What appeared to be apartment buildings were being built near the marina. As we were preparing for our departure the next morning, one of the





construction workers wandered over. After standing and watching for a few minutes from the dock and making several attempts to help, he asked if we would take him back to Key West with us. He said he had friends in Miami with "mucho dinero." We shook our heads and told him we were sorry. A few minutes later we were relieved we had.

At the Customs dock on our way out, a Cuban Coast Guard officer gave our boat a meticulous search, looking under every cushion and in every tiny drawer, presumably searching for stowaways. We had nothing Cuban aboard, not even a cigar.

GO ON HOME

We cleared the harbor on a brisk east wind. Heading northeast, we had the Gulf Stream working for us most of the way and made the crossing in 13 hours. Except for a whale that rolled and spouted a few dozen times off to port, we had an uneventful trip. An hour out of Key West Harbor, I radioed U.S. Customs and, with some trepidation, announced, "This is *Restless Native*, inbound to Key West from Marina Hemingway."

The woman who responded seemed taken aback. "Marina Hemingway? That's in Cuba, isn't it?"

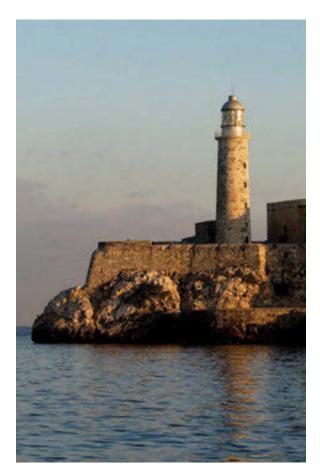
- "Yes, it is," I replied.
- "Hold on a minute."

A few seconds later a man's voice joined hers on the line, and she said, "There's a boat out there that says it's coming in from Cuba. What am I gonna do about that?"

"It's pretty late," he said. "Why don't you just tell them to hit the dock and go on home."

My guess is that they figured anyone ingenuous enough to announce they were sailing in from Cuba was unlikely to be a smuggler.

We arrived in Key West after midnight, a bit weary, and addled by what had seemed like an odyssey in time. We were happy we had made the crossing while Cuba is still what it is, while it still has some grit. A few years down the road, I suspect, it may be a port of call for the *Love Boat*, as homogenized as Key West and all the other formerly distinctive island cultures in the aquatic theme park that once was the Caribbean.

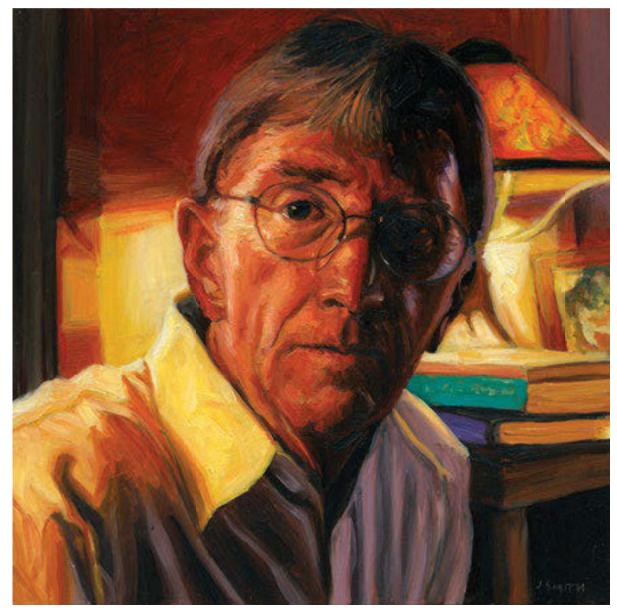


POEM TO BE GIVEN A SEAFARING TITLE AT A LATER DATE

Falling off from here a few points to catch a better wind and beat the storm to the breakwater then turning south before the wind running free to a safe harbor one we can make in this weather riding crests in a following sea plunge of bow deep in the trough and the sweep of white water down the decks mast creaking all lines taut we hold and sway carried on the storm that threatens us Someone is signaling from the beach the gesture noted and lost trying to mark the mouth of a channel we've given up.

~ DAN GERBER

DAN GERBER



Artist: Jack Richard Smith Portraits of American Poets, 2004 ©

A CONVERSATION WITH DAN GERBER

Tell us about your practice of Zen Buddhism:

I've been practicing for over 40 years now, and it's an integral part of my work, of being awake, of seeing. When I was ordained, my teacher said, "Your practice is to see the world through words and letters, and words and letters through the world." And so I do.

What makes you happy?

Writing well and sensing the presence of unseen animals watching me.

What's been on your mind lately?

Wondering if democracy in America can survive reality TV.

What worry or worries keep you up at night?

Occasionally a "storm of secondary things," as Wallace Stevens put it, "We must endure our thoughts all night until/ the bright obvious stands motionless in cold."

Did you have a favorite place, a memory or a professor at MSU?

Professor Clyde Henson, who made himself a hard mountain to climb, whose lectures soared, who challenged me, who woke me up to Walt Whitman, and who introduced me to my closest, long-time friend, Jim Harrison.

What one piece of advice would you give to aspiring writers?

Only write if you have to. If it isn't necessary to you, it won't be to the reader either. Stay awake to the life in, and around you. And pay attention. Richard Hugo said that good poems come as lucky accidents, but that lucky accidents seldom happen to poets who don't work. See yourself in every aspect of what you see and forget what you normally think of as yourself.

What kinds of dogs do you have? Names? Do you find inspiration when walking them amidst the grapes, horses and picturesque landscapes outside your door?

We've had succession of literary Labradors with names like Willa (Willa Cather), Eudie (Eudora Welty), and Rainy (Rainer Maria Rilke). They work with me every day, watching me write and giving me pleading glances to keep it fresh by insisting I give it a rest and go for a walk. I'm stunned by the beauty and terror of the world I see every day. It was that way when I lived in rural Michigan too.

At this time in my life, I can't get enough of it.

HIS BACKSTORY

Born and raised in Western Michigan, Dan Gerber earned a bachelor's degree in history, philosophy, and political science in 1962.

Over the course of his life, he's been a professional race-car driver, a teacher, a university professor, a magazine editor, a world-traveling journalist, a novelist, and a poet.

He and the late author and alumnus Jim Harrison cofounded an earlier literary journal, *Sumac*.

His award-winning writing brims with adventure and contemplative reflections, and has appeared in *Sports Illustrated*, *The New Yorker*, *Poetry*, *Best American Poetry*, *Outside*, *The Nation*, *Narrative*, *The Massachusetts Review*, and elsewhere.

BOOKS BY DAN GERBER

POETRY

NOVELS

Sailing through Cassiopeia A Primer on Parallel Lives Trying to Catch the Horses A Last Bridge Home: New and Selected Poems Snow on the Backs of Animals The Chinese Poems Departure The Revenant A Voice from the River Out of Control American Atlas

SHORT STORIES

Grass Fires

NONFICTION

A Second Life: A Collected Nonfiction Indy: The World's Fastest Carnival Ride

This fall, Gerber's ninth book of poetry, *Particles: New & Selected Poems*, will be released by Copper Canyon Press.



coppercanyonpress.org

The MSU Press has published five of Gerber's books.



Gerber's personal papers, journals and transcripts are available for research through the MSU Libraries

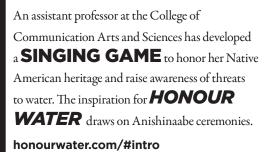
Special Collections.

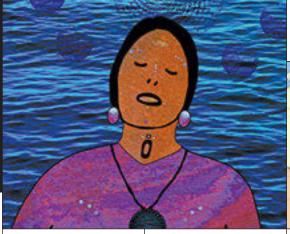
lib.msu.edu/spc

Countless water endeavors ripple through most colleges, research centers, extension offices and a host of student organizations.

 H_2O

Here are a few ways in which Water Moves MSU





Our extension program works to raise awareness and provide research on preventing algae growth in susceptible areas of

the Western **LAKE ERIE** Basin. The ini-

tiative provides Michigan agricultural producers with information to monitor phosphorous losses from farm fields.



An associate professor at the College of Education has developed lessons to teach elementary students important concepts about **THE WATER CYCLE**. It's designed to help fifth-graders understand the processes of evaporation and condensation by creating their own solar stills. Down-

own solar stills. Download the plans, they're PDFs at the bottom of **schwarz.wiki.educ. msu.edu.**





The College of Osteopathic Medicine sent 31 medical students and 27 physicians to treat 2,334 patients in Peru last summer. In addition to serving residents of cities, they boarded the Amazon Queen, which became

a **floating clinic** on which they administered care to people in remote villages along the Amazon River. **go.msu.edu/pZy**

Water researcher Joan B. Rose is the 2016 **Stockholm Water Prize** Laureate.

The prize is the most prestigious of its kind. It annually recognizes world-renowned water conservation and protection experts. **rose.canr.msu.edu**

Greening of the Great

Lakes—MSU helps support a 60-minute radio broadcast on such environmental topics as sustainable use of water and other precious resources—airs at 7 p.m. Sundays on WJR NewsTalk 760. Hear its podcasts anytime at **wjr.com/greening**



The MSU Extension was honored by the U.S. Department of Agriculture for its efforts to help residents affected by lead-contaminated **drinking** water in Flint.

Efforts included distribution of water filters, creation of cook books and facilitation of a 12,000-gallon milk donation. An associate professor in the College of Engineering has developed an autonomous

ROBOTIC FISH

designed to swim through the Great Lakes, monitoring tagged aquatic life.

go.msu.edu/robofish



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A study from MSU's Water Science Network links views of the ocean to better mental health.

Students in the Engineers Without Borders organization are designing and implementing a rainwater collection system for a school in Buyuni, Tanzania. They're also assisting on a composting latrine project in El Balsamar, El Salvador. **ewb.egr.msu.edu**

Find information on everything from septic systems to detention ponds and drought-resistant plants on the MSU Extension **WATER USAGE** website. go.msu.edu/JZy

The Michigan Sea Grant's **GREAT LAKES EDUCATION PROGRAM** gives

schoolchildren and adults the chance to learn about water resources on Lake St. Clair, the Detroit River, and Lake Erie. **go.msu.edu/sea-grant**

The Water Science Network is funding 13 individual Water Cube teams, each tackling compelling water issues. Many will be working on new technologies such as next-generation sequencing or using microrobots to remove pollutants from water. Six multidisciplinary colleges are involved in the program. water.msu.edu/watercube



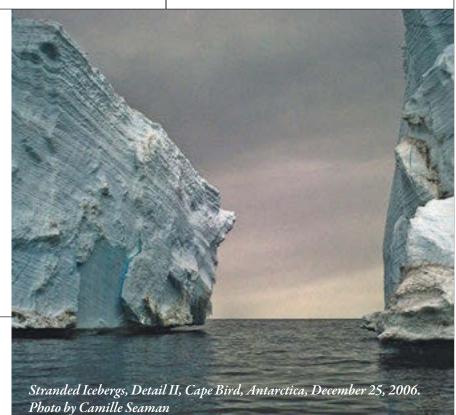
Visit the MSU Museum from March 6 through September to immerse yourself in **All My Relations: An Indigenous Perspective on Landscape.**

It features two extended photography projects that depict the power and beauty of nature—while communicating the concerns of how human activity threatens the planet.

The Big Cloud series explores storm chasing. The storms are a version of the same forces that helped to create our galaxy, our solar system, our sun and even this very planet.

Melting Away, shot in the Arctic and the Antarctic, represents a 10-year journey through endangered polar regions. **go.msu.edu/kZy**

For more on MSU's outreach and research involving water, visit: water.msu.edu/water-sites and go.msu.edu/kgz



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MELISSA MCDANIELS, '08, AND KRIS RENN SPARTAN **STRONG**



GIVE TO WHAT MATTERS TO YOU

Melissa McDaniels is assistant dean of the Graduate School and director of the Teaching Assistant program. Kristen Renn is a professor in the department of educational administration and recently completed a term as director for student success initiatives.

They're both working to create a positive learning environment—but their commitment to their cause doesn't end when they leave the office. MSU is as much a community as it is an institute of higher education, and Melissa and Kris truly understand the importance of creating a supportive, welcoming place for students to learn and live.

They provide support to the College of Education, the Edward J. Petry Endowment for graduate fellowships, the LBGT Resource Center, and the Student Food Bank. Through their giving, they are ensuring no student feels marginalized or limited by their differences, their struggles, or their circumstances.

"Since the day we arrived at MSU, we have never felt anything but welcome—as both professionals, and as a couple. This is our community, and we give back because that's what you do as a member of a community."

ANNUAL GIVING LEVELS

We hope you will continue to support what matters most to you at Michigan State University.

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\$1,000 - \$2,499/year
\$2,500 - \$4,999/year
\$5,000 - \$9,999/year
\$10,000 - \$19,999/year
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LOYALTY LEVELS

Spartan Loyal	\$100 - \$499/year
Spartan Proud	\$500 - \$999/year

All gifts made in a fiscal year (July 1 - June 30) will determine your annual level of recognition. Lifetime recognition begins at \$50,000. Cash gifts from current and former MSU faculty and staff in fiscal year 2016 were the highest reported in the Big Ten.*

*Among those self-reporting cash gifts to the Council for Aid to Education

go.msu.edu/spartanloyal #SpartanLoyal

THREE WAYS TO MAKE A GIFT

PHONE: (800) 232-4MSU (4678)

ONLINE: givingto.msu.edu

MAIL: University Advancement Spartan Way 535 Chestnut Road, Room 300 East Lansing, Michigan 48824

SPARTANS

There is no substitute for fall on the Red Cedar River, the tradition of painting the rock or the passion of game days in East Lansing with the roar of "Go Green. Go White." And, if you are looking for some new gear to show the world your Spartan spirit, there's also no substitute for buying officially-licensed MSU apparel.

By purchasing officially-licensed MSU products, you are contributing to the betterment of the university, as a portion of all licensed product sales goes directly to support student scholarships and student programming. But, if you are buying Michigan State gear from unlicensed vendors or social media sites, you may actually be hurting the university by diverting those funds away from campus.

To educate MSU fans about buying licensed merchandise and how not to get taken by social media sites offering unlicensed spirit wear, the university is asking all Spartans to "State Your Loyalty."

The new brand campaign, spearheaded by Michigan State University Licensing Programs, is designed to raise awareness of buying licensed product and supporting the university. Through in-game videos at MSU sports venues and social media ads, the university is highlighting the importance of buying licensed products. MSU fans are encouraged to visit **stateyourloyalty.com** to learn more.

"We worked with our partners at the Collegiate Licensing Company to create the State Your Loyalty program to show real MSU fans sharing their passion for wearing Spartan gear and to reinforce the importance of buying officially licensed products," said Samantha Stevens, MSU's Director of Licensing Programs. "With all the fun, fan-generated content we've incorporated into the video and the social media ads, we hope to reinforce that showing your Spartan spirit can also be a way of giving back to this great university." Fans can identify licensed merchandise by looking for the "Officially Licensed Collegiate Products" label, hang tag or hologram to assure the following:

- A portion of your purchase is returned to the university for scholarships and student programming.
- MSU has granted the manufacturer the right to use its trademarks. Use of MSU trademarks without permission is illegal.
- Your product has passed through a system of quality control.



Since the inception of the Michigan State licensing program in 1983, nearly \$49 million in royalties has been collected, with another \$8 million generated through the successful state of Michigan license plate program, which began in 2001. These vital resources help support scholarships and student programming such as athletic scholarships, international and lifelong student grants and other university scholarships, as well as student programming through the University Activities Board.



SPARTAN PATHWAYS TRAVEL PROGRAMS | MICHIGAN STATE UNIVERSITY ALUMNI ASSOCIATION

PROVENCE AND THE French Riviera

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Co-founder of Shoreline Wild Salmon Pelican, Alaska College of Social Science, 2015

Photo courtesy of Marie Rose



MARIE ROSE: BRINGING SUSTAINABLY FISHED ALASKA SALMON TO MICHIGAN

Growing up in Battle Creek, Marie Rose hated fish. When her family sat down for salmon, she demanded chicken. And fishing? Forget it.

But today, her life revolves around fish. She's a co-founder of Shoreline Wild Salmon, an Alaska-based company that brings sustainably fished wild salmon to Michigan.

While majoring in social work, Rose advocated for domestic violence victims and feminist causes—work she thought she'd continue after graduation. Then she took a summer job at a nonprofit in Alaska and discovered her attraction to the state's salmon industry and the rugged families

who keep it turning.

Her job with Alaska Center for the Environment had her speaking with fishermen about ways to preserve ocean habitat. "But I really wanted to get my hands dirty," she said.

After befriending veteran fishermen Joe Emerson and Keith Heller, she began working on Heller's fishing vessel. The Shoreline Scow is a gender bender—all female operated for 31 years.

"Women are claiming their space out there," Rose said.

"There's a lot of intersectionality between feminism and the work I've been a part of, especially now being a co-owner of this business," she said. But Rose, with a head full of dreadlocks and a strong, approachable demeanor, is proud to be part of the growing community of fisherwomen. So why Michigan? "A lot of starting this business was figuring out how to bring this resource that I had grown so close to up in Alaska, to my home state," she said.

Every cut of Shoreline Wild Salmon is caught by trolling—meaning the fish are caught on hooks and lines.

"Our method ensures the best quality of fish because we catch and handle salmon individually, which also limits bycatch," she explained.

The budding business is working on creating a website and preparing for the next season of wild salmon to be exported to Eastern Michigan farmer's markets.

Rose loves her new life in Alaska. While it's not as dangerous as Discovery Channel's *Deadliest Catch*, it still entails long days of unloading fish and packing them into ice, all while covered in fish scales and slime. "There's so much humility in all of it," she said, laughing.

What Rose loves most about her new home in the Last Frontier is the seclusion. "At the end of the day, you would turn the generator off and you would see the lights dim and it would go silent and the only thing that you could hear were the waves crashing on the scow. There was no one in sight for miles at times. It was the most peaceful feeling in the world," she said.

~ Catherine Ferland



Photo by Kurt Stepnitz

PATRICK HAWKINS: TAKING HEALTH CARE OUT OF THE OFFICE IN FLINT

After providing health care to the people of Flint for more than 20 years, Patrick Hawkins was well positioned to see the effects of the city's lead-tainted water crisis up close—and in places others hadn't looked.

His friends, colleagues, and patients affectionately call him "Doctor Hawkins." A giant man with a heart to match, his faith and professional training compelled him to take action. Hawkins, an advanced nurse practitioner, now volunteers with the Michigan Department of Health and Human Services, helping organize free community health fairs to bring lead screenings, nutrition support, educational materials and other services to hard-to-reach populations in Flint.

"Water is the one thing that can build or destroy you. Everything revolves around it," he said.

Hawkins, who is also an instructor at MSU's College of Nursing, lives by the motto "everyone is someone's someone" and strives to treat every patient like family. After 13 years of moving around the world as a staff nurse in the U.S. Army, he came to the Flint area to be near his wife's family while she attended school. He fell in love with it and stayed.

Nurse practitioners are qualified to treat patients without the direct supervision of a doctor. Hawkins, who has a PhD from St. Louis University, had already been doing outreach work through his practice at Kidney and Hypertension Consultants, organizing free health fairs offering everything from children's vision screening and vaccinations to blood pressure tests and health insurance information. "There are clients who might be afraid because they are undocumented, or not able to get to a screening due to lack of transportation, so we'd bring services to them," he explained.

Hawkins brings a deep sense of cultural sensitivity to the water situation. "After they found out about the contamination, some people were reluctant to trust those sent to help," he said. "They'd say, 'They already didn't protect us.' So, we would go through organizations where trust existed, like religious and community groups."

Three months after the crisis became public, he discovered that members of a Spanish-speaking parish were still drinking contaminated water because of language barriers. At a recent health fair at the church, Hawkins, clad in a white coat and brown fedora, functioned as a traffic controller of sorts, calling out over the crowd to direct patients to booths offering a range of services, and to organize the array of student volunteers from MSU and other nearby colleges and universities, all while managing vendors and supplies such as lead-fighting fresh foods and water filters.

"We educate about how and why they need to filter their water," said Hawkins, who was named Caregiver of the Year by the American Kidney Fund in 2015. "We try to give hope; I don't want an entire generation of young people thinking because they were exposed, they are powerless, or that they won't mature. As an advanced health care advocate for patients, that speaks to your core."

~Nancy Nilles with Jana Eisenberg







Technical Officer, Water Supply and Sanitation Collaborative Council New Delhi, India College of Arts and Letters, 1994

KAMINI PRAKASH: HELPING INDIA'S MOST MARGINALIZED TO FIND THEIR VOICES

In her native country of India, Kamini Prakash advocates for people who lack one of life's most basic necessities: access to clean, safe bathrooms.

Much of India lacks toilets, running water, and sewer systems, and about 550 million of the country's nearly 1.3 billion people relieve themselves in alleys and streets, alongside rivers, and elsewhere, Prakash said.

Beyond the sanitation, health and safety risks, this carries humiliation and social stigma. That's what Prakash really wants to address.

India's prime minister launched the Clean India Mission in 2014, seeking to provide access to toilets



for all by 2019, among other goals. But "progress is slow," Prakash said, "because we are not addressing crucial issues of stigma and discrimination."

The mission has still excluded some of India's most stigmatized groups.

Prakash works in New Delhi as a technical officer with the Water Supply and Sanitation Collaborative Council (WSSCC), a United Nations organiza-

tion that spotlights hygiene and sanitation crises among the world's most vulnerable people.

To support Clean India, the council reaches out to groups that have been traditionally ignored, including girls and women, the elderly, people with disabilities, transgender people, and sanitation workers, to "give socially excluded people a chance to have their needs and challenges represented," Prakash said.

The WSSCC uses sanitation as an entry point to engage them, she said. The idea is not to speak for them, but to help them directly interact with government officials, media, and the private sector, and speak for themselves. "We have found this to be a powerful way to enhance the voice and agency of these groups and individuals and to make them visible in the eyes of policy makers," Prakash said.

As part of her job, Prakash might visit a school for deaf girls to learn about their obstacles to personal hygiene. She explained that girls who've passed puberty often skip school during their menstrual periods—a taboo subject in India. It's safer to stay home because the schools lack separate, girls-only washrooms. Consequently, girls fall behind in their educations, making it harder for them to improve their lives.

Prakash also visited New Delhi's fetid, smoldering landfill, Bhalaswa. Some 400,000 people live atop the 40-acre garbage mountain, digging for valuables, and sorting materials to sell to recyclers.

"What I saw and heard shocked and moved me," she said.

"These people, mostly from India's lowest caste, live and work in the most hazardous conditions with little protective equipment," she added.

Prakash uses the stories she gathers to help inform the scores of fellow frontline social workers she and her colleagues train.

She sees glimmers of hope.

Last year, for the first time, a sanitation worker took the stage alongside seven South Asian foreign ministers at a multinational meeting. He spoke eloquently of the hardships and health threats of his work, she said. The ministers agreed to develop rules "to ensure the dignity, adequate remuneration, occupational health and safety of sanitation workers, including those working in the informal sector."

One voice moved beyond the margins.

~Jana Eisenberg and Nancy Nilles



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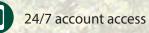
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TALITHA TUKURA PAM penned this first-place essay about leaving Nigeria as a MasterCard Foundation Scholar. She's working on a master's degree in community sustainability offered through the College of Agriculture and Natural Resources. The annual essay contest is sponsored by the Office of International Students and Scholars and the Office of Study Abroad.

the **JOURNEY HERE**



y favorite book of all time is *Anne* of *Green Gables*. It's a story of an orphan girl with a wonderful imagination that gets adopted by a spinster, Marilla, and her brother, Matthew. The siblings adopt Anne thinking they are adopting a boy to help around the farmhouse as they age, only to discover their mistake at the last minute. Marilla wants to

return Anne to the orphanage but her brother, who instantly took a liking to the spunky, talkative and lovable girl, insists they keep her.

I remember the day I received the email that I was going to Michigan State University on a full MasterCard scholarship. My joy knew no bounds and I laughed and cried, overjoyed and relieved at the prospects. Later on I thought to myself, could this be real? Maybe there was a mixup. I waited for the phone call or letter informing me that it was all a mistake. However, like Anne, I had made up my mind to do whatever it took to get them to like me enough to keep me, mistake or not.

The day before my departure I walked home slowly and passed the kiosk at the corner of my street made from old, rusty pieces of zinc. The old Berom shopkeeper who owns the kiosk always lets me buy stuff on credit even though I am a low income earner. I have known him since I was a young girl and he is like a father to me. It is all about taking things until an unknowable later; that's the Nigerian system of a credit. He wears a threadbare kaftan and old worn out slippers, sewn several times over in bright red thread. I chuckle to myself. It's not what it looks like that's important but the fact that it's still functional. Suddenly, I remember that I have not said goodbye to him, my good benefactor, and I retrace my steps back towards the kiosk. I could start a lifelong vendetta if I failed to say farewell to any relative, friend, neighbor or companion. The list was endless.

"Sannu, Baba (Hello, father)," I say kneeling slightly when I sight him as I enter the kiosk. In Nigeria you never greet an elder standing up straight.

"My daughter, how are you?" He smiles brightly.

"I am fine, Baba. You know I am leaving tomorrow, right?"

"That is true, my daughter. I will miss you very much." His face is suddenly pensive. "I pray that God will bless you and keep you. You will be a shining star in America."

"Amen," I answer.

He goes on and on for a minute more and I stand patiently waiting for him to finish. He rummages through his tiny desk in the kiosk and gives me a one thousand naira note (approximately \$3).

"Yi hankuri (saying for humbly giving a gift) my daughter, take this and buy bread and eat on the road, okay." He pushes the crumpled note to me.

"Na gode baba (thank you, father)," I say curtseying over and over, my smile so wide. I walk away thinking of the money even as I slip it into my bag. This is the Nigerian way of giving a gift by attaching it to something you imagine the person may need.

It is dusk and I continue my walk home, slowly soaking in the rays of the sun as it goes behind the buildings for the night. Nearby I see purple and blue bougainvillea flowers from the overgrown rambling bush nearby. The weight and size of the stems lean heavily on the fence, pushing it downwards. I am quite certain that by the end of the next rainy season this fence will not be standing any more. The realization that I will not be here to see who triumphs in this battle of plant versus fence makes me a bit sad.



The next morning, I am pleasantly surprised when I see the people that have gathered to say goodbye to me. Hugs and kisses are shared, prayers are said, advice is given, stern warnings and admonishments are unleashed and all the while I am waiting for something to happen that'll make all this turn out to be a hoax. It simply cannot be true, nothing this good has ever happened to me.

A FEW MONTHS AGO

"Tami would you like to have a drink after class on Thursday?" Tim, the cute boy in my class, asked. "A bunch of us are going for TGIF at the Green Tavern."

"Sure," I answered nodding my head. Since I got to America I have not really made friends or hung out much. Maybe this was my opportunity to do both. I grabbed my bag and jumped into the car. At the bar we all stood around until the barrista saw us and came towards us. In Nigeria I would shout "barman" and someone would come running. We ordered drinks and I drank mine slowly, mesmerized with the taste of American brew. What I could really use was some spicy hot suya (skewered beef) or chicken, I thought. Beer always goes with a meat dish at home, not a salad or sandwich. We shared our best Trump jokes and did impersonations of our favorite faculty members. We laughed till our tummies ached, danced on our seats and had a jolly good time. We jumped from bar to bar, a concept that I simply could not understand. Why couldn't we just stay in one place and enjoy some other bar on another day. But, I was in America and this is the American way. It was past midnight and everyone was yawning or stifling a yawn.

Everyone brought out their wallets and put some money on the table in front of Tim. I could see them making mental calculations. I brought out my wallet too and put a five-dollar bill in front of Tim.

"You gotta throw in something extra for a tip," Tim said.

I suddenly felt naked because I didn't have a cent more on me. Awkward silence.

"I'm outta cash,", I finally said. "Is there an ATM machine in here?" "Don't worry, I've got you covered. You can pay me back next time," Tim said. I assumed that since he asked me out for drinks he was going to pay. Oh God, I groaned, another thing to get used to.

A FEW YEARS AGO

I didn't know whose party it was but I followed my friends anyways. That's what Nigerians did. Invitations were simply a way of spreading the news far and wide, not a way to restrict attendance. The party scene was epic. The music was loud and everybody danced in a frenzy, sweat pouring out of their bodies. A wide array of snacks and finger food welcomed me. But, it was the smell of roasted meat and pepper that filled my nostrils and lured me to the nearest table, where I eagerly took a seat and loudly called the server to bring me some food. My plate came heaped high with shaki (meat dish made from entrails) pepper soup. The steam of the hot pepper soup was a sharp contrast to the cold bottle of Coke I held in my hands.

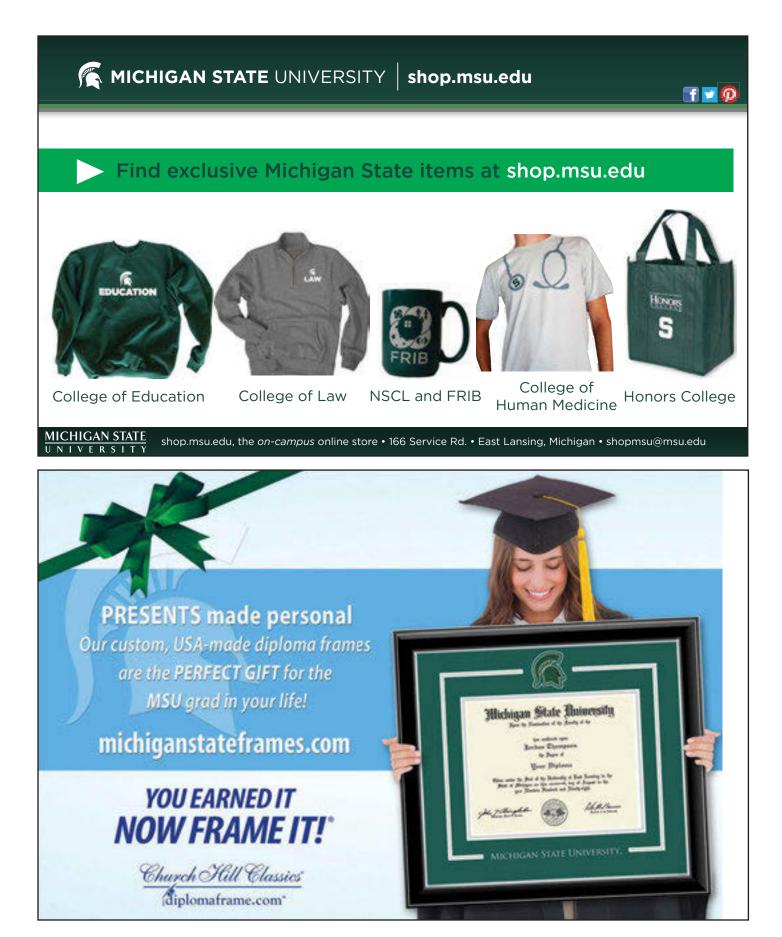
"Stand up let's dance," my friend yelled over the deafening music.

The opening notes of a new song filled the speaker and I stood up. Gyrating and twisting my body to the rhythm I danced long and hard with my friends all night eating and drinking till our hearts content. The funny thing is I did not have the slightest idea of whose party it was, who the host was or what the occasion was. The important thing is that we attended....that is the Nigerian way.

TODAY

I plug in my earphones and wait for the bus along with a bunch of other students. The earphone culture had replaced conversation and the norm is to silently stand together until the bus comes. I don't know whether it was the silence that irked me or the fact that no greetings or pleasantries were being exchanged. I prefer the Nigerian way of loudly greeting friends and strangers whenever you saw them, enquiring of their parents in the village and even their domestic animals. Here, the only people that spoke were couples, quietly whispering in each other's ears. The way they held each other, touching and kissing was surprising to me. Back home that was considered foreplay and relegated to the bedroom. I appreciated the fact that couples wanted the world to know of their love but at home anybody that exhibited such public display of emotions would be considered a daniska (vile) because no one wanted to admit that his son or daughter would be that shameless.

Browsing through the sound tracks on my phone I select Yemi Alade's hit song *Africa* and pressed play. Gosh, it sounds so good, I close my eyes and my head immediately moves to the beat followed by my body. I sway to the music and in this moment, I am at home in Nigeria and can even smell the kosai (bean cakes) and masa (rice cakes) that women sell at the bus stops to commuters that have not had breakfast to eat on the bus.





SPORTS

BAND OF BROTHERS

The 2016 class of Spartan football players helped drive Michigan State to a 39-14 record over the last four years, the fourth-most wins by a senior class in school history. They also won two **Big Ten Championships** (2013, 2015), triumphed in the 2014 **Rose Bowl** and the 2015 **Cotton Bowl** and earned a berth in 2015 **College Football Playoffs.**

During his 10 years as head coach, Mark Dantonio counts a total of 178 players who have earned their degrees. We caught up with five graduates. Here's what they had to say. Middle Linebacker / 6'2", 227 lbs. Traverse City / Media & Information

RILEY BULLOUGH



ON COACH DANTONIO: He gets down to business, that's just how he is. But the side of him people don't see is that he's a loving, caring guy.

ADVICE: You can't be afraid of hard work ... I tried to come in each day excited to work, excited to try and get better, excited to go through the trials and tribulations that it takes to achieve my goals.

FAVORITE MEMORY: I've met some tremendous people, some that will be my best friends for the rest of my life.

MOTIVATION: How do you *not* stay pumped up? I love the game of football. I love practice. I love the workouts. I love everything about it and I always have.

Kicker / 5'9", 185 lbs. Toledo, Ohio / Applied Engineering Sciences

MICHAEL GEIGER



ON COACH D: He rights the ship. He keeps us going in the right direction and at the end of the day, he loves every single one of his players.

ADVICE: You're going to go through adversity. You don't know what form it's going to be in, but you've got to be up to the task . . . If you work as hard as you can to the level that we expect you to, you will be a champion.

FAVORITE MEMORY: Playing college football is something I've dreamed of since I could even hold or throw a ball.

ON KICKING A WINNING FIELD GOAL: It's just the highest form of pure joy.

BIGGEST CHALLENGE: The everyday grind. A lot of people are fortunate to see the product on Saturdays, but we are working hard every single day to make sure that how we perform on Saturday is to our highest level.

Defensive End / 6'5", 255 lbs. West Lafayette, Ohio / Media & Information

EVAN JONES



ADVICE: Just stay the course and it will shape you into who you're going to be for the future.

FAVORITE MEMORY: Cherishing how we felt with each other, winning all those games and having fun, celebrating in the locker rooms afterwards and all the funny dances and everything that people would do . . . Some of my best friends are on the team and they're going to be at my wedding someday.

ON LEGACY: I hope we're remembered as a hard-working class.

MESSAGE TO THE FANS: I respect Spartan Nation 100 percent and I'll always bleed green.

Quarterback / 6'3", 228 lbs. Lima, Ohio / Masters Marketing Research (Business)

TYLER O'CONNOR



ON COACH D: Coach D wants us all to grow into self-sufficient men as we leave here . . . Every time he gets in front of us to talk, there's some life message you feel like you can take out.

ADVICE: We win with chemistry.

FAVORITE MEMORY: Playing with the largest crowd in [Ohio State's stadium] the Horseshoe, and getting us on our way to the Big 10 Championship game.

ON LEGACY: It's tough to not look at your final record as a legacy but in the end, I think it's important that people understand that we worked our butts off.

MESSAGE TO THE FANS: It's awesome to have that everlasting support from Michigan State fans from all around the world.

Wide Receiver / 5'11", 202 lbs. Beaver Dam, Wisconsin / Advertising

R.J. SHELTON



ON COACH D: Coach D preaches that there's life beyond football and he wants to mold you as a man before he molds you as a football player.

ADVICE: Believe in yourself. Once you have the mindset that you can do it, that's when the whole team takes off.

FAVORITE MEMORY: Being with the offensive unit every week and knowing that 11 guys on the field have your back and they want to win—just coming together every Saturday and working towards the common goal of getting the "W" . . . The best part is taking the walk from the Kellogg at home games, knowing that Spartan Nation loves Saturdays.

ON LEGACY: It's always tough when you see guys leave, and then you're a senior and BAM, in the blink of an eye, it's your last game.



THE MSU ALUMNI ASSOCIATION CONGRATULATES ITS 2016 GRAND AWARDS WINNERS

Distinguished Alumni Award

Recognizes those who have distinguished themselves by obtaining the highest levels of professional accomplishments and who possess the highest standards of integrity and character to positively reflect and enhance the prestige of MSU.



Distinguished Alumni Award **Kim K. de Groh**

Kim Kay de Groh earned both a Bachelor and a Master of Science degree in the College of Engineering, in 1985 and 1987, respectively. Her specialization is materials science. A

student internship at NASA years ago opened the doors to her current, full-time position as a senior materials research engineer. She is based at the space agency's Glenn Research Center in Cleveland, Ohio.

There, she designs and tests the durability of materials used in space crafts. She also mentors young aspiring scientists. In 2009, she was inducted into the Ohio Women's Hall of Fame for her work with students and her contributions to engineering.



Distinguished Alumni Award **Reinhold Schmieding**

Reinhold Schmieding earned his Bachelor of Science degree in the College of Natural

Science, majoring in physiology, in 1977. He was hired by a medical company that made parts used in human joint replacements. After seeing numerous orthopedic surgeries, he developed an interest in perfecting and creating new surgical implements.

Initially, he sketched and designed prototypes at home in the evenings. In 1981, he launched Arthrex, Inc. Its global subsidiaries produce more than 7,500 products for shoulder, knee and other joint operations. Arthrex employs 3,200 people. It was named one of *Fortune's* 100 Best Companies to Work For in 2015 and 2016. He welcomes our student interns and is hiring Spartans. His entrepreneurial successes were recognized in the 2015 *Forbes* 400 list.

Alumni Service Award

Presented to those who have demonstrated continuing outstanding volunteer service to MSU and/or meritorious public service on a local, state, national or international level. Recipients must possess the highest standards of integrity and character to positively reflect and enhance the prestige of MSU.



Alumni Service Award Michael and Kathryn (Gardner) Bosco

Michael Bosco, Jr., earned his Bachelor of Arts degree in the College of Social Science, majoring in

social science, in 1957. Kathryn Bosco earned her Bachelor of Arts degree in the College of Education, majoring in elementary education, in 1958. She went on to teach elementary school while he earned a law degree at University of Notre Dame. After that, he opened his own law firm.

In 2014, they founded the MSU/MRS Careers Collaborative, a program that helps students with disabilities transition into the workforce through vocational training and specialized counselors. They recently donated \$100,000 to the MSU Research in Autism, Intellectual and Neurodevelopmental Disabilities initiative to help further its research and to launch a second branch of the Early Learning Institute.



Alumni Service Award Cheryl Gilliam

Cheryl Gilliam earned a Bachelor of Science degree in the College of Agriculture and Natural Resources, majoring in packaging, in 1982. An All-American track and field star, she was the first Spartan to win four consecu-

tive individual Big Ten titles.

She boasts a 34-year career with experience at several innovative packaging companies. Presently, she is the senior packaging director for the Kellogg Co. She is also a vocal supporter of diversity and inclusion both in and out of the workplace. Her name is attached to both a college scholarship and an annual award for student athletes. In addition, she established an endowment for student-athletes through the MSU Varsity S. Club, of which she is a former president.



Alumni Service Award Ingrid Saunders Jones

Ingrid Saunders Jones earned a Bachelor of Arts degree in the College of Education, majoring in elementary education, in 1969. A former public school teacher in Detroit and

Atlanta, she has long dedicated herself to community service.

In 2013, she retired after a 30-year career leading the Coca-Cola Foundation where she oversaw philanthropic giving. An endowed scholarship in her name helps financially strapped students from the Detroit area attend MSU. She currently serves as chair of the National Council of Negro Women, based in Washington, D.C. Numerous colleges have honored her contributions with honorary degrees. In 1995, MSU recognized her with an honorary Doctor of Humanities degree.



Alumni Service Award Merritt Lutz

Merritt Lutz earned a Bachelor of Arts degree in the College of Communication Arts and Sciences, majoring in advertising, in 1965. In 1967, he earned his Master of Arts degree in the

College of Social Science.

As a student, he played with the Spartan Marching Band, where he co-created the nearly four-minute long percussion cadence still performed by the drumline. He enjoys visiting MSU to engage with today's band members. He's spearheaded scholarship funds, a travel fund, a summer Drum Corps International scholarship and much more. MSU ensembles and music faculty are frequent visitors to his New York City home. In addition, he is involved with the Eli Broad College of Business, where he lectures and advises a center dedicated to entrepreneurial finance.

Young Alumni Award

Presented to graduates 40 years and younger who have distinguished themselves through high levels of professional accomplishment early in their careers. These individuals demonstrate a commitment to MSU through outstanding continuous volunteer service on behalf of the university and/or participation and leadership in meritorious public service on a local, state, national or international level.



Young Alumni Award Dr. Richard Bryce

Dr. Richard Bryce earned a Bachelor of Arts degree in the College of Arts and Letters and graduated from the Honors College, majoring in Spanish, in 2003. In

2008, he earned his earned a Doctor of Osteopathic Medicine degree in the MSU College of Osteopathic Medicine.

He practices for the non-profit Community Health and Social Services Center in Detroit. In addition, he directs medical care by Street Medicine Detroit, which sees Detroit's most vulnerable people. In addition, he teaches in both the MSU College of Osteopathic Medicine and Wayne State University's School of Medicine.



Young Alumni Award Bradley Dizik

Bradley Dizik earned his Bachelor of Arts degree in political theory in the James Madison College in 2006, and his Juris Doctor degree in MSU's College of Law in 2009. In law

school he captained the Moot Court and Trial Advocacy Board.

Today, he is the founding president of both Tiberian Advisers LLC, a New York-based legal consulting firm, and his firm, Dizik PC. Earlier this year, he established a scholarship fund for students in James Madison College.



Young Alumni Award Mathew Ishbia

Mathew Ishiba earned his Bachelor of Arts degree in the Eli Broad College of Business, majoring in general management, in 2003. He played as a guard on MSU's

Men's Basketball team, competed in three straight Final Fours and was a member of the 2000 National Championshipwinning Spartans.

After a brief stint assisting MSU's Basketball Coach Tom Izzo, he joined the Detroit area's United Wholesale Mortgage as an account executive. Today, he is president and CEO of United Shore Financial Services, LLC, a wholesale mortgage lender.



Young Alumni Award Ke "Coco" Zhang-Miske

Ke "Coco" Zhang-Miske earned her Bachelor of Science degree in the College of Engineering, majoring in electrical engineering, in 2007. She was originally trained in classical Chinese

but later fell in love with math and science and enrolled at MSU as an international student from China.

Her sophomore year, she landed an engineering internship with General Motors. Since then, she's climbed the auto manufacturer's ranks. Today, she is GM's Global Technology Planning Manager for Buick automobiles.

She mentors MSU freshmen and is the lead recruiter on campus for GM internships. In addition, she works with the College of Engineering and MSU to further international student engagement.

Philanthropists of the Year

Presented to individuals, families, associations, corporations or foundations with proven records of providing major, on-going financial support and leadership to MSU. The candidates will have demonstrated outstanding philanthropic responsibility toward MSU; their generosity encourages others to take leadership roles in philanthropy toward our university.



Philanthropists of the Year **Robert and Georgia** (Hedges) Burgess

Robert Burgess earned his Bachelor of Science degree in the College

of Agriculture and Natural Resources, with a major in packaging, in 1966. Georgia Burgess also earned her Bachelor of Arts degree in the college, majoring in interior design, in 1967.

He formerly served as president of the Eli Broad College of Business Advisory Board. Recently, the Burgess' made a \$4.5 million gift to the Eli Broad College's Institute for Entrepreneurship and Innovation.

Today, interior design majors in the College of Agriculture and Natural Resources benefit from an enrichment fund that bears Georgia's name.



Philanthropists of the Year Craig and Vicki (Huber) Brown

Craig Brown earned a Bachelor of Arts degree in the Eli Broad Col-

lege of Business, majoring in accounting, in 1973. Vicki Brown earned a Bachelor of Arts degree in the College of Education, majoring in special education, in 1975.

He is now president and CEO of Keelers Ridge Associates, LLC in Greenwich, Connecticut. In addition, he owns the Greenville Drive baseball team, an affiliate of the Boston Red Sox. They actively support academic and athletic programs at MSU. Craig also serves on the Athletic Director's Advisory Council and chairs Spartan Innovations. Formerly, he oversaw the MSU Foundation Board.

In recognition of their generosity, an area of the Spartan Stadium North End Zone bears their names. The Browns also belong to MSU's *Empower Extraordinary* President's Capital Campaign Cabinet.

Honorary Alumnus Award

Presented to those who have demonstrated outstanding continuous volunteer service to our university on a local, state, national or international level.



Honorary Alumnus Award Twesigye "Jackson" Kaguri

Twesigye "Jackson" Kaguri grew up in Uganda, attended MSU and worked in the College of Agriculture and Natural Resources

as a fundraiser from 2006 to 2010. After losing both a brother and sister to HIV/AIDS, he founded the Nyaka AIDS Orphans Project, which assists children in Uganda who have lost parents to AIDS. It also operates two schools, a nutrition program, a medical clinic, clean water systems and a support program for grandmothers who care for up to 14 children at a time.

A world-recognized human rights activist, he's been named a CNN Hero, been recognized in *Time* Magazine's Power of One series and has addressed the United Nations.

The MSU Alumni Association recognized sixteen alumni in October as part of this year's Alumni Grand Awards. These Spartans embody the values and ideals of Michigan State University, have achieved excellence in their chosen professions, and have made meaningful contributions to Michigan State University and their local communities.

For more information regarding Alumni Grand Awards, please visit **alumni.msu.edu/ programs/grandawards.**



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Courtesy of Archives and Historical Collections

N. Hilebenk 242 martin H. Hitchcock. Ludington, Wich. looking north R. F. D. # 1.

A 1911 POSTCARD of

Michigan Agricultural College shows sheep crossing the Red Cedar River on Farm Lane Bridge, looking north.

It's addressed to Martin H. Hitchcock, Ludington Mich., R.F.D. #1.

Grace N. Hitchcock penned it on Jan. 11, 1912:

"I just caught the train, as the cab was late. The money

from J is not here and I haven't found it (in) Lansing yet. I'm (going) to write to him about (it)."

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1940s

LORAINE M. HOPPE, '49 (BUSINESS), celebrated her 90th birthday this November with her twin brother.



1960s DEAN F. ABBOTT, '61

(AGRICULTURE AND NATURAL RESOURCES), has been named a Pioneer of American Landscape Design by The Cultural Landscape Foundation.

RICHARD E. TOMLINSON, '57, '64 (BOTH IN BUSINESS), has

published the book *Hustling With Hubris: When Making a Deal is Paramount.*

GARY F. JONES, '68, DVM '69 (BOTH IN VETERINARY MEDICINE), has published his second novel, *A Jerk, a Jihad, and a Virus*.

JAMES D. SPANIOLO, '68

(SOCIAL SCIENCE, HONORS COLLEGE), has been selected as president and CEO of North Texas Commission, a nonprofit.

1970s

KEITH A. ASHMUS, '71 (JAMES MADISON, HONORS COLLEGE), MA '72, (SOCIAL SCIENCE), has received the William Booth Award from The Salvation Army.

JOHN M. ENGLER, '71 (AGRICULTURE AND NATURAL RESOURCES, '91 HONORARY DOCTOR OF LAWS), has joined the Barbara Bush Foundation Board of Directors.

R. JAMES PAAS, '72 (SOCIAL SCIENCE), president and founder of Mistequay Group, Ltd., was recently honored in celebration of his 25 years in business.

ROGER A. MACNAUGHTON, '73 (MUSIC), has won his fourth ArtPrize Music Award for the "Classical Music" category.

DAVID L. JOYCE, '78, MS '80, (BOTH IN ENGINEERING), has been named a company vice chair at General Electric, leading GE Aviation and

1980s

manufacturing.

MICHAEL J. HAVALA, '82, MBA '84 (BOTH IN BUSINESS), has been named president and CEO of Loaves & Fishes Community Services.

KELVIN B. SQUIRES, '82 (ENGI-NEERING), has been named the majority owner of Center Line Electric.

LISA A. DANCSOK, '83 (COMMUNICATION ARTS AND SCIENCES), MBA '96

(BUSINESS), has been named the vice president of marketing and communications at The Community Foundation for Southeast Michigan.

SUSAN R. STACK, '83 (COMMUNICATION ARTS

AND SCIENCES), has received the designation of Certified Film Commissioner from the Association of Film Commissioners International.

JENNIFER A. MACHIORLATTI, '84 (COMMUNICATION ARTS AND SCIENCES), MA '89 (ARTS AND LETTERS), has received a Distinguished Teaching Award from Western Michigan University.

GERARD T. DONNELLY, PhD '86 (NATURAL SCIENCE), has been awarded the 2016 J. Sterling Morton Award for a lifetime of service to the Arbor Day Foundation.

TIMOTHY J. LEVY, '86 (BUSINESS), has been elected as the 2017 board president of the Metal Treating Institute.

1990s

BENJAMIN M. COX, '96 (JAMES MADISON, HONORS COLLEGE), has premiered his first film, *Better Off Single*.

CHRISTOPHER J. MUNDY, '96 (SOCIAL SCIENCE), has received the 2016 Community Service Award from Chicago Association

of Realtors. **SHANE L. SILSBY,** '97, MS '00 (BOTH IN ENGINEERING), has been named the American City & County 2016 Public Works Leader of the Year.

ERICA L. WILLARD, '99, MA '07 (BOTH IN SOCIAL SCIENCE), has been announced as the new executive director of the Michigan Association for the Education of Young Children.

2000s JENNIFER A. HEEMSTRA,

'00 (MUSIC), has received the Secretary of State Award for Outstanding Volunteerism Abroad.

TANAYA C. EVERSON, '01 (NATURAL SCIENCE), has been named the dental director at the Western Wayne Family Health Centers.

ELIZABETH J. SUVEDI, '01 (BUSINESS), has created Culinary Expedition, a passion project teaching culinary arts and social engagement.

SEAN D. MADAY, '05, MS '10 (BOTH IN SOCIAL SCIENCE), has published a children's book, *How The Bunny Learned to Fly.*

LAURA C. CASAI, '06 (AGRICULTURE AND NATURAL RESOURCES), has been announced as a member of the Oakland County, Michigan, Executive's Elite 40 Under 40 Class of 2016.

LINDSAY M. TIGUE, '07 (ARTS AND LETTERS, HONORS COLLEGE), has published *System* of *Ghosts*, a collection of her Iowa Poetry Prize winning work.

CHELSEY B. SHIVLEY, '08 (LYMAN BRIGGS, HONORS COLLEGE), DMV '12 (BOTH IN VETERINARY MEDICINE), was selected to be an American Veterinary Medical Association Congressional Science Fellow.

TODD J. DUCKETT, and his brother Tico, returned to Kalamazoo Central High School to support the Cross-Town Crush Cancer Call to Action football game.

BRETT S. KOPF, '09 (AGRICULTURE AND NATURAL RESOURCES), has created the software Remind with his brother David, and serves as CEO of their company.

2010s JENNIFER A. CHURCHILL, MA '10 (COMMUNICATION

ARTS AND SCIENCES), has been named director of marketing and communications for Central Michigan University's College of Medicine.

KAITLIN A. APRILL, '11 (JAMES MADISON), was promoted to office manager at Junior Achievement of Central Maryland Inc. MICHAEL S. KAZANOWSKI, '12 (SOCIAL SCIENCE), and ADAM S. KAZANOWSKI, '13 (BUSINESS), have created and coown Gypsy Vodka.

JEREMY F. REDMAN, '12 (BUSINESS), has launched the social network AirFive, aimed at recent college graduates.

CASEY E. SHIPMAN, '12 (ARTS AND LETTERS), has joined Worldwide Fistula Fund as marketing coordinator.

THERESA A. SQUIRES, '13 (SOCIAL SCIENCE), has been named assistant director of the Michigan Disability Rights Coalition.

GEOFFREY G. GEIST, '14 (COMMUNICATION ARTS AND SCIENCES), has been hired as a digital marketing specialist at Franco Public Relations Group.







Who Will Make a Difference During the **SPARTANS WILL. POWER**

GLOBAL DAY OF SERVICE POWERED BY SPARTANS **4.8.17**

Global Day of Service on April 8?

The 2017 SPARTANS WILL. POWER Global Day of Service, set for April 8, 2017, is MSU's way of showing the world the extraordinary impact Spartans can make in a single day. This organized, collaborative effort brings Spartans together to serve others in their communities while demonstrating the reach and power of the Spartan network. In 2016, 3,700 Spartans donated more than 16,000 hours of service at 296 projects across the globe, numbers we hope to surpass in 2017.

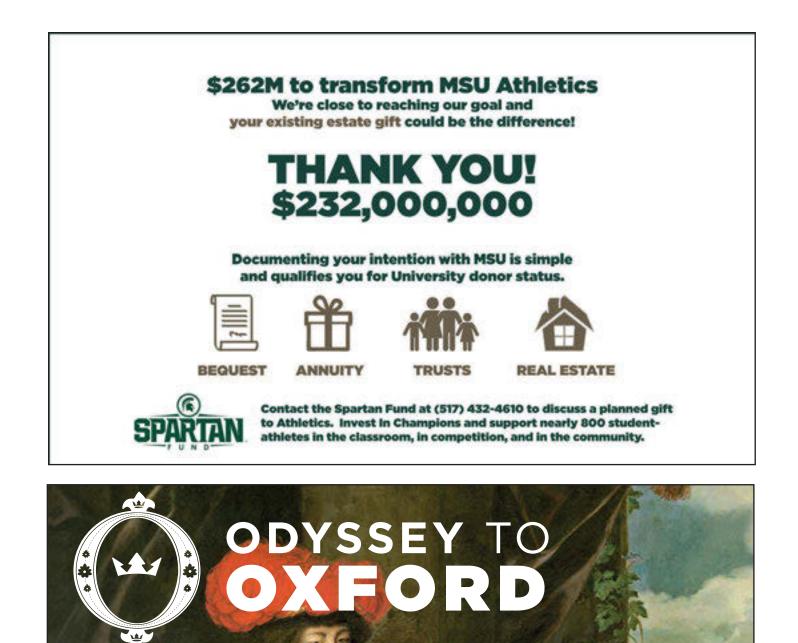
Project registration is now open and we encourage you to visit **serviceday.msu.edu** to create or volunteer for a project in your community.











Two Weeks of Lifelong Education Abroad University of Oxford, England AUGUST 20-SEPTEMBER 2 alumni.msu.edu/oxford



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Highlighted Spartans have made a charitable gift to MSU through their estate plans.

1**930**s

RUTH B. (BUSCHERT) KRAMER, '34, of Traverse City, May 28 HAROLD L. HELWIG, '39, of Sturgeon Bay, WI, Jun. 2 EVELYN J. (WHITNEY) KINNE, '39, of San Gabriel, CA, Jun. 17

1940s

KATHLEEN M. (BENJAMIN) DAVIS, '41, of Greenville, Jun. 20 BETTY P. (PARDEE) GINTHER, '41, of Palatine, IL, Apr. 19

HARRIET E. WILLIAMS, '41, of Newtown Square, PA, Feb. 8, age 90 DORIS R. (BROWN)

BENNETT, '42, of Grosse Pointe, May 14, age 96

DONALD V. BROWN, '42, of Lancaster, PA, Jul. 16, age 95

GULIA C. (CROZIER) MCCLEARY, '42, of Roscoe, IL, Jul. 16, age 96

GEORGE F. MCGREGOR, '42, of Hendersonville, NC, Apr. 30, age 95

HELEN E. (MACDONALD) SORENSON, '42, of New Orleans, LA, Apr. 23, age 95

CHARLES R. WEIR, '42, of Bloomfield Hills, Jun. 12, age 95

ELIZABETH A. (WORTH) AVERY, '43, May 3 WALLACE R. BUNT, '43, of Traverse City, Apr. 8 EVELYN D. (ROBERGE) GOOD, '43, of Sarasota, FL, May 28, age 98

MARGARET A. (BURHANS) NESBITT, '43, of Westport, CT, Jun. 6, age 93

BERYL (GAIGE) SHERMAN, '43, of Yellville, AR, Apr. 30, age 93 KARINA (THURE) WOOD, '43 MARY E. (RUPP) BENNETT, '44, of Fort Worth, TX KENNETH E. HATHAWAY, '44,

of Milford, May 29, age 95 DOROTHY A. (WUERFEL) LOSSING, '44, of Granville, OH FRANK E. KLACKLE, '45, of

Palm City, FL, Jun. 22, age 95 JUNE (PARRIS) TAFT, '45, of Flint, Jun. 5, age 93 HENRIETTA M. (PETERSEN) GILBERT, '46, of San Carlos, CA, Sep. 1, age 91 WILLIAM S. THURBER, '46, of Holland, Jun. 8, age 94

MARY D. (REED) ARNOLD, '47, of Glendale, CA

MARIANNE U. (UNGER)

GUSOWSKI, '47, of Lindenhurst, NY, Feb. 2 JANE G. (PECKHAM) JOYAUX, '47, of Ann Arbor, May 17, age 90 RUSSELL W. LIMMER, '47, of Lansing, Jun. 1, age 95 GUNVOR (BERGISHAGEN) LYNCH, '47, of Burlington, MA, Jun. 19 LEE A. CHAFFIN, '48, of Hurt, VA, Jun. 5

SJEAN E. (GIRST) CLEMENT,

'48, of Venice, FL, Jun. 8, age 89 HENRY G. FRAMPTON, '48, of Ponte Vedra Beach, FL, Jun. 14, age 91 JANE E. (ABBOTT) HART, '48,

of Lansing, May 14, age 87 JOSEPH K. KENNEDY, '48, of Whittier, CA, May 28, age 93

PIERCE R. LEAVITT, '48, of Saint Petersburg, FL, Jan. 12, age 93

JACQUELINE A. (COREY) LOVING, '48, of Houston, TX, Feb. 12 CHARLES S. PEARSON, '48, of

Homosassa, FL, May 24, age 93 JACK C. SPRAGUE, '48, of

Clearwater, FL, Mar. 30, age 91 **THEODORE VANMETER**, '48, of Hammond, LA

WILLIAM A. ATHENS, '49, of Grosse Ile, Nov. 30, age 91

DONALD S. BARTLETT, '49, of CA, May 27, age 87

GEORGE L. BETTMAN, '49, of East Lansing, May 6, age 90

JAMES E. BOUTERSE, '49, of Akron, OH, Jul. 10, age 89 DAVID J. BRODERICK, '49, of Mundelein, IL, May 14, age 92

CARROLL B. CHAPMAN, '49, of Saint Petersburg, FL

JAMES W. FAULKNER, '49, of Lansing, Feb. 19, age 89

WILLIAM E. GERLACH, '49, of Lansing, Jul. 15, age 89

LORETTA V. (MAJEWSKI) GILEWICZ, '49, of Alden

LEROY E. GUNDERSON, '49, of Mount Pleasant, Jul. 11, age 92

JOHN T. HAILEY, '49, of Tulsa, OK CHARLES M. HAMPTON, '49, of Minneapolis, MN, Jul. 6, age 89 THOMAS L. HORN, '49, of

Racine, WI, Jun. 9, age 92

FRANK W. HUXTABLE, '49, of Traverse City, May 5, age 89

WILBUR W. KENNETT, '49, of Midland, Jul. 5, age 91

GRACE (BAGNALL)

KORTESOJA, '49, of Ann Arbor, Mar. 18, age 87

JOHN G. MAHANEY, '49, of Santa Cruz, CA, Jun. 6 RICHARD C. MASTIN, '49, of Mason, Jun. 20. arc 91 CHARLES W. MOWERY, '49, of Oklahoma City, OK, Jun. 13, age 89 KENNETH L. MUNSELL, '49, of Gladwin, Aug. 13, age 91 JOANN E. (GREEN) REYNOLDS, '49, of Bartle Creek, Jul. 13, age 88 RICHARD W. SEGUARE, '49, of Gainesville, GA, May. 20 ROBERT WILSON, '49, of Plano, TX

1950s

CALVIN R. BROWN, '50, of Franklin, Nov. 9 JACK L. CLARK, '50, of Sand Lake, Jun. 16, age 90 LYMAN L. HILL, '50, of Saint Paul, MN, Jan. 14, age 89 ARTHUR A. HORVATH, '50, of Henrico, VA, Feb. 2 ROBERT D. KREMER, '50, of Roval Oak, May 22 CHARLES H. LARSON, '50, of Bellevue, WA, Dec. 1, age 94 WILLIAM E. MARKLEWITZ, '50, of Midland, May 5, age 89 CHARLES J. MCCARTHY '50 of Fremont, CA, May 22, age 94 ELMER D. MCCLELLAN, '50, of Flushing, Jun. 19, age 91 PRISCILLA J. (HEPPNER) MCMAHAN, '50, of Pinconning, May 31, age 85 ARDETH J. (STEVENS) MILLER, '50, of Melbourne, FL, Jun. 26 **G JOHN E. MILNE,** '50, of South Dartmouth, MA JOHN R. MOAK, '50, of Somers, CT, Jul. 11, age 90 ERNEST T. NICOTERA, '50, of Steelton, PA, Jun. 29, age 91 JACK L. OTTO, '50, of The Villages, FL, May 9, age 89 STUART F. PETERSON, '50, of Grand Rapids, May 13, age 92 CALVIN O. POMARIUS, '50, of Sparta, Jun. 1, age 91 PETER RATCLIFFE, '50, of Gulf Shores, AL, Jul. 2, age 91 JOHN J. ROETMAN, '50, of Friendswood, TX, May 17, age 92 EDWIN C. ROGERS, '50, of Toledo, OH, Jul. 17, age 96 STUART W. SEELEY, '50, of Pentwater, Jul. 4, age 87 JAMES H. SIEMERS, '50, of Battle Creek, Jul. 11, age 87 DIANE H. (HASS) SKINNER, '50, of Altadena, CA, Jan. 25, age 87 JANET W. (WILLIAMS)

THOMPSON, '50, of Grand Rapids THOMAS H. WOOD, '50, of Longmont, CO

PAUL W. ALPERS, '51, of Traverse City, Jul. 20, age 90 PAUL R. BAKER, '51, of Clinton, NY, May 15, age 91 RALPH E. BAUMANN, '51, of Corona del Mar, CA, May 7, age 89 ROBERT N. BERKMAN, '51, of Apollo Beach, FL JEANNE L. (PAULEN) CARPENTER, '51, of Grand Rapids, Jul. 2, age 87 CAMPBELL COLLINS, '51, of Atlanta, GA, Jun. 3 FRANK D. DECAVITTE, '51, of Harrison Township, May 3, age 87 THOMAS A. FORD, '51, of Tucson, AZ, Jun. 18, age 88 FREDA FRY, '51, of Morro Bay, CA, Jun. 24, age 91 JOHN K. GRAHAM, '51, of Birmingham, AL, Jun, 29, age 86 JOANNE K. HAGOPIAN, '51, of Darien, CT, May 30, age 86 KATHLEEN E. (CARLIN) KISABETH, '51, of San Jose, CA, May 13 ROY W. KISCADEN, '51, of Winter Springs, FL, May 8, age 90 KINGSLEY W. NASH, '51, of Richardson, TX, Feb. 17, age 87 WARD D. POWERS, '51, of Northville, Feb. 20, age 116 LAUREN K. SACKRIDER, '51, of Battle Creek, Jul. 11, age 87 ALFRED J. SCHROEDER, '51, of Lake Oswego, OR, Apr. 14, age 88 ROBERT V. STURK, '51, of Sarasota, FL, Jan. 13, age 93 HERMAN L. WESTPHAL, '51, of Langhorne, PA, Jun. 20, age 89 THOMAS R. BOCHNIAK, '52, of Grand Rapids, Jul. 6, age 88 ROBERT J. BOWEN, '52, of Jackson, May 10, age 86 JACK J. DISTLER, '52, of Ann Arbor, May 31, age 87 PAUL W. HOUGH, '52, of Weaverville, NC, Apr. 6, age 88 MAXINE HOXIE, '52, of Santa Maria, CA, Dec. 28, age 91 WILLIAM L. KICKBUSCH, '52, of Rolla, MO, Jun. 25, age 86 CLIFFORD A. KLEIER, '52, of East Lansing, May 11, age 95 JOAN L. (FRY) MCGLAUGHLIN, '52, of Saginaw, Jun. 13, age 85 CLARENCE T. MEANS, '52, of Adrian, Jul. 7, age 88 BARBARA R. (HAMLIN) CROSSLEY, '53, of Scottsboro, AL CHARLES H. EVERY, '53, of Plymouth, Jul. 6, age 86 JOSEPH B. HATFIELD, '53, of Louisville, KY, Jun. 15, age 84 JOHN E. HINMAN, '53, of Saint Augustine, FL, Jul. 13, age 85 JOHN E. JACOB, '53, of Kansas City, MO, Jun, 15, age 84

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JOHN F. KELLY, '53, of

Williamston, May 23, age 84
MAY A. KRAGER, '53, of Saint Clair Shores, Jun. 16
RICHARD M. MEYER, '53, of Roseville, CA, Jul. 18, age 88
JOHN L. NEDEAU, '53, of Lake Forest, IL, Jun. 15, age 85
JAMES L. OTIS, '53, of Amarillo, TX, Apr. 30, age 84
JOHN D. PARKER, '53, of Woodburn, IN, Apr. 30, age 89
ALEXANDER C. PERLOS, '53, of Jackson, Apr. 27, age 85

RENA H. (NOVAK) QUINN, '53, of Davison, May 15, age 85 HOWARD S. SHELP, '53, of

Kalamazoo, Jul. 15, age 91 R. JAMES COLLINS, '54, of Hilton Head Island, SC, May 15, age 87

ROBERT L. HAMILTON, '54, of The Villages, FL

JANICE A. (BOSSERMAN) HAYHOW, '54, of Novi, May 8, age 83 GEORGE B. HOPPING, '54, of Petoskey

ROBERT S. HUFF, '54, of Cadillac, Dec. 9, age 87 EUGENE S. JAMBOR, '54, of

Okemos, Jul. 21, age 87 **RALPH L. PEABODY**, '54, of Cranberry Township, PA, May 23, age 88

WALKER M. SOWERS, '54, of Hampton, NH, Dec. 17, age 94 HERBERT N. WICKE, '54, of

Westminster, CA FRED J. BROCKETT, '55, of Homosassa, FL, May 3, age 85

RICHARD J. CIESLA, '55, of Atlanta, GA, May 20, age 83

KARL E. EKSTROM, '55, of Naperville, IL

FREDERICK W. HOPKINS, '55, of Vernon, CT, May 19, age 89 DALE O. ROLFE, '55, of

Kalamazoo, Jun. 20, age 82 JOHN C. SLADE, '55, of

Pleasanton, CA, Apr. 4, age 86 JOCILLE SMITH, '55, of Michigan Center, Jun. 15, age 85

CENOBIUS STELMACH, '55, of Livonia, Feb. 25, age 97

LOIS J. (SMITH) WALKER, '55, of Traverse City, Jun. 14, age 83 JOHN H. ZACHARY, '55, of

Canton, Mar. 7, age 82 RICHARD C. BOEHNING, '56, of Saint Petersburg, FL, Jul. 14, age 81 RONALD E. CAROWITZ, '56, of Grand Rapids, Jul. 16, age 82 JOHN A. HUFFMAN, '56, of Jackson, Jun. 27, age 81

THOMAS J. O'DONNELL, '56, of Hoschton, GA, Jun. 3, age 82

JAMES K. PETERSON, '56, of Easton, MD, Dec. 16, age 81 WILLIAM J. SERVISS, '56, of DeWitt, May 4, age 82 MARTHA R. (JACKSON) STOCKER, '56, of Augusta, Jun. 21, age 82 PEGGY J. URKA, '56, of Venice, FL, Jun. 5, age 86 ROBERT G. WILLIAMS, '56, of Flushing, Jun. 11, age 116 RITA G. (WALTHER) BOMBA, '57, of Bloomington, IN, Jun. 22, age 81 BARBARA K. (JONES) DOYLE, '57, of Lansing, May 4, age 79 RICHARD D. ESTELL, '57, of Haslett, May 6, age 90

LAURENCE D. FOWLER, '57, of Lansing, May 20, age 83 ROBERT G. HANLON, '57, of Brentwood, CA, May 29, age 81

ROYAL B. LAMBRIX, '57, of Hart, Apr. 29, age 84 JAMES S. LEIGH, '57, of

Lake Oswego, OR, May 1, age 80 LLOYD L. LOBER, '57, of Stockbridge, Jul. 11, age 84 HENRY J. MEACHUM, '57, of Paw Paw, Jun. 16, age 83 VICTOR E. MEYER, '57, of

Midland, Apr. 16, age 84 **ROBERT G. MILLS**, '57, of Lansing, Jul. 21, age 81

ERNEST E. RENAUD, '57, of Lexington, KY, May 23, age 88 LAWRENCE J. TOOMEY, '57, of Dallas, TX, Sep. 21, age 88 EDGAR W. BUTTERLINE, '58, of North Brunswick, NJ, Jul. 7, age 83

MARCIA J. (BERTOLUZZA) DAHLIN, '58, of Caldwell, ID, May 7, age 79

FREDERICK B. GRANT, '58, of Sister Bay, WI, Jun. 10, age 79 J. CURTISS GUY, '58, of Williamston, Jul. 10, age 87 EDWARD J. HINSMAN, '58, of West Lafayette, IN, May 14,

age 81 **KAROLYN K. (KIEHN)** HOULDSWORTH, '58, of Olney, MD, Jun. 19, age 81 NORMAN J. KAARRE, '58, of Sioux Falls, SD, May 27, age 86 DONALD E. KEYSER, '58, of Cape Coral, FL, May 17, age 83 JAMES E. LANKER, '58, of Scottsdale, AZ, Jul. 10, age 80 JEROLD L. PATTON, '58, of Naples, FL, Jul. 18, age 85 ROBERT J. RIGONI, '58, of Iron Mountain, Jun. 26, age 80 CARL R. BLOMQUIST, '59, of Elm Grove, WI, Jun. 2, age 81

DEWAARD, '59, of Roseville, CA, Nov. 6, age 81 KAY A. (DEIBERT) ELLETSON, '59, of Traverse City, Jun. 2, age 79 GERALD G. ENGLAR, '59, of CA, May 15, age 80 CLARENCE Q. FORD, '59, of Farmington, NM, May 1, age 92 GORDON E. HUTTENGA, '59, of Whitehall, Apr. 24, age 79 EDMUND J. KIERAS, '59, of Grand Rapids, Jun. 11, age 89 CHARLES J. ORLEBEKE, '59, of Winnetka, IL, Jul. 19, age 81

BEVERLY A. (TANNER)

PAUL L. PEOPLES, '59, of Okemos, Jul. 17, age 85

DUANE N. TALUS, '59, of Gilbert, MN JANET K. (MCCARTHY) VERNER, '59, of Saint Johns, FL, Mar. 4, age 78 JOHN A. WADE, '59, of Farmington, Jun. 5, age 80

1960s

WAYNE B. ABBOTT, '60, of San Jose, CA, Jul. 23, age 81 MAURICE J. DONOGHUE, '60, of Rochester, NY, Jul. 20, age 86 GEORGE K. FEISEL, '60, of Lancaster, OH, May 26, age 82 ROBERT H. HAMILTON, '60, of State College, PA GARY N. JACKSON, '60, of Oro Valley, AZ, Apr. 30, age 77 DONALD F. KINSEY, '60, of Lakeview, Jun. 9, age 84 JAMES I. KOEPFER, '60, of Lehigh Acres, FL, Jan. 26, age 81 NANCY L. (MACKEAN) LEATHERMAN, '60, of Ann Arbor, Oct. 31, age 80 CARLTON A. MAHN, '60, of Lake Zurich, IL, May 23, age 78 GERALD E. MALONE, '60, of Hemlock, Jul. 25, age 83 JOHN J. MILES, '60, of Scranton, PA, Oct. 25, age 82 PATRICIA L. (LAWRENCE) REEVES, '60, of Midland, Jul. 15, age 78 ROBERT J. REILLY, '60, of Novi, May 10, age 90 DOROTHY M. (BANKER) SHAW, '60, of Warwick, RI, Jun. 15, age 78 REID L. ASHTON, '61, of Milford, Jul. 8, age 77 WILLIAM A. CASEY, '61, of East Grand Rapids, Jun. 15, age 77 CHARLES E. CONWAY, '61, of Grand Rapids, May 1, age 80 ROBERT M. DIENER, '61, of Milton, MA, Jul. 16, age 85

THOMAS G. HOWELL, '61, of Dunedin, FL, May 2, age 78 GERALD J. MCMULLEN, '61, of Portage, Apr. 5, age 82 HENRY MUNNEKE, '61, of Mounds View, MN, Apr. 14, age 87 RUSSELL D. SMITH, '61, of Anchorage, AK, Apr. 4, age 82 CHARLES L. VROMAN, '61, of Muskegon, Mar. 28, age 79 CHARLES P. BENTO, '62, of Titusville, FL, May 15, age 76 JULIE A. DECAMP, '62, of Haverhill, MA ALICE F. (O'DANIEL) DOWNS, '62, of Lawrence, KS, Apr. 30, age 79 ROBERT D. FOX, '62, of Oak Forest, IL, Nov. 26, age 76 GRACE M. GUNN, '62, of Grand Rapids, Jun. 28, age 89 J. MICHAEL HART, '62, of Mequon, WI, Apr. 2, age 76 KENNETH E. HAIRE, '62, of Fowlerville, Jul. 9, age 76 ELLIS D. KANE, '62, of Phoenix, AZ, Jul. 3, age 77 DONALD R. KLEIS, '62, of Meridianville, AL SAMUEL P. SCHMEHL, '62, of Tempe, AZ PAUL VANFAASEN, '62, of Holland, Oct. 8, age 81 ROBERT VERMEULEN, '62, of Kalamazoo, Jul. 1, age 93 HENRY E. VISGER, '62, of Lockport, NY, Sep. 17, age 77 DONALD I. WEXLER, '62, of Schenectady, NY, Jul. 24, age 79 STANLEY G. WHEELER, '62, of Washington, Jun. 27, age 7 ROSS H. WOODARD, '62, of San Jose, CA, Apr. 27, age 76 PHILLIP L. WOODS, '62, of Spring, TX, Jan. 12, age 84 THEODORE D. AYLWARD, '63, of New Port Richey, FL, Jul. 11, age 75 LOUISE M. (JODOCY) CARLSON, '63, of Riverview, May 13, age 82 DONALD L. CLARK, '63, of Punta Gorda, FL, Jun. 18, age 76 DONALD W. HOLLWAY, '63, of Crofton, MD, Jul. 20, age 87 ROBERT J. KELTY, '63, of Adrian, May 31, age 94 THOMAS J. MILLER, '63, of Huntsville, AL, Apr. 11, age 75 LEO H. VOELKLE, '63, of Commerce Township, May 31, age 79 JOSEF G. WERNER, '63, of Davison, Feb. 15, age 88

ANN (BOUGHNER) HILL, '61, of Gladstone, NJ, Jun. 4, age 77

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Highlighted Spartans have made a charitable gift to MSU through their estate plans.

EILEEN E. (KONOPKA) ADAMS, '64, of Niles, Feb. 15, age 74 LAWRENCE D. HAMMOND, '64, of Howell, Sep. 21, age 73 PATRICIA A. (DEKAY) LEITHEISER, '64, of Troy, Jul. 11, age 73 CLYDE L. MARINE, '64, of Fort Wavne, IN MARY A. (CHEAL) OMER, '64, of Sturgis, KY, Nov. 6, age 86 **GERALDINE M. PICKETT**, '64, of Dallas, TX **ROGER REINKE**, '64, of Alexandria, VA, Jul. 1, age 85 ARTHUR H. RICE, '64, of East Lansing, Jul. 15, age 84 CLEO G. SNYDER, '64, of Grand Rapids WILLIAM E. WEISGERBER. '64, of Ionia, Jun. 1, age 84 RALPH A. FOGG, '65, of Saginaw, May. 28, age 72 CATHLEEN A. MCCARTEN, '65, of Whitefield, ME, Jun. 17, age 73 SHIRLEY S. (JACKSON) MCMILLAN, '65, of Boulder, CO, Apr. 27, age 86 GEORGE D. NAMA, '65, of Owosso, Jul. 24, age 75 THOMAS A. POLACHEK, '65, of Chicago, IL, Oct. 26, age 73 PATSY A. TUBBS, '65, of Hamilton, OH, Jul. 9, age 88 RICHARD G. WHITING, '65, of Traverse City, Jun. 12, age 81 MARCIA D. (BRANDT) WIERDA, '65, of Hudsonville, Jul. 17, age 76 ROSS A. WOTRING, '65, of Taylor, Sep. 26, age 71 PAUL BANKIT, '66, of Williamsburg, VA, Jun. 22, age 87 WILLIAM M. BOCKS, '66, of Holland, Jun. 25, age 86 **JOHN H. CLAY**, '66, of Carlsbad, NM, Jul. 3, age 87 JOHN P. HARNOIS, '66, of Bolton, CT, Jun. 10, age 71 CHARLES D. KESNER, '66, of Bozeman, MT, Jul. 8, age 82 VILMA M. MCDOWELL, '66, of Houghton Lake, Apr. 26, age 81 JANICE H. (HAYSMER) PFEIFER, '66, of East Lansing, Jul. 16, age 87 **F HUGH J. SCOTT,** '66, of New Rochelle, NY, Jul. 16, age 82 EUGENE J. SYRJALA, '66, of Port Richey, FL, Mar. 2, age 68 WILLIAM D. CHEANEY, '67, of Grand Rapids, Jul. 5, age 75 JAMES L. DOWLING, '67, of

JAMES L. DOWLING, 6/, of Longmont, CO, Jun. 2, age 77 DONALD R. FRIEBE, '67, of Rochester, Nov. 30, age 86 SHERRY A. (SMALLRIDGE) HAINES, '67, of Rochester, NY, Jul. 14, age 70 RITA J. (LOOMIS) HOLTSLANDER, '67, of Columbia, PA, Jun. 19, age 73

JUDITH A. LORENZ, '67, of Fountain Hills, AZ, May 14 JUDITH L. (KIHM) MCKNIGHT, '67, of Terre Haute, IN, Jun. 3, age 70 SHARON A. (FALLON) MEISNITZER, '67, of Minneapolis, MN, May 29, age 70 RICHARD J. RAMTHUN, '67, of Morristown, TN, Jun. 29, age 78 JANE A. (MARZELLI) SMITH, '67, of Boyne City, Jun. 6, age 70 SANDRA (KUHN) TORGESON, '67, of Lansing, May 25 BEDFORD M. VESTAL, '67, of Houston, TX, Apr. 25, age 73 JOYCE N. YEUTTER, '67, of Mason, Jul. 16, age 88 CARROLL D. BAILEY, '68, of Raceland, KY, Feb. 23, age 81 DIAN K. (CRIST) BREINING, '68, of Jackson, Dec. 5, age 70 MARY DIMECK, '68, of Naples, FL RAYMOND B. HART, '68, of Hackleburg, AL, Jul. 11, age 72 WESLEY S. HARVEY, '68, of Newport Beach, CA, Sep. 21, age 81 DANUEL L. MORFORD, '68, of Immokalee, FL, May 3, age 72 KATHLEEN J. RIVES, '68, of Spring Lake, Jun. 2, age 69 ROBERT J. VANDERVEEN, '68, of Delton, Mar. 21, age 83 ALVIDA WHITMAN, '68, of Brighton, May 31, age 86 SEBASTIANO C. BAFFO, '69, of Detroit, May 20, age 70 ROGER L. BUNKER, '69, of Milltown, NJ, Jun. 26, age 80 WILLIAM R. CHALIMAN, '69, of Haslett, May 15, age 71 JANET W. (WESTLING) **DAME**, '69, of Grant, Jun. 21, age 82 JAMES A. ESPER, '69, of Marion, VA, Oct. 31, age 68 JANIS K. FALKENSTEIN, '69, of Midland, Jun. 23, age 69 JO ANN (VANLANDSCHOOT) FLOYD, '69, of Howell, Jul. 24, age 69 THOMAS R. HOLWERDA, '69, of Grand Rapids, May 1, age 74 MARY M. KASIEWICZ, '69, of Redding, CT, Dec. 5, age 70 GEORGE W. MOCK, '69, of Summerfield, FL, Jun. 30 LINDA S. SELING, '69, of White Lake, Mar. 11, age 71 1970s GERALD S. HAGERMAN, '70,

of Danvers, MA, Dec. 29, age 71 DOUGLAS J. LEE, '70, of Bad Axe, May 19, age 72 MARCIA L. LEEK, '70, of Blackwood, NJ, Jul. 12, age 74 CHARLES F. MADDOX, '70, of Commerce Township, Jul. 8, age 85 MICHAEL R. RENWICK, '70, of Tallahasee, FL, Jun. 10, age 72 GENE A. VELIQUETTE, '70, of Williamsburg

JAMES E. FRIERSON, '71, of East Lansing, Jul. 2, age 80 JOHN A. GAETZI, '71, of Jackson, May 19, age 70 WAYNE D. GARDNER, '71, of Farmington, Sep. 5, age 79 JOHN R. JOSLYN, '71, of Honor, Jun. 28, age 72 ROBERT C. LIVO, '71, of Grand Rapids, Nov. 13, age 115 BARBARA A. (HELLER) MARR, '71, of Dexter, May 3, age 67 RONALD E. MURRAY, '71, of Oroville, CA, Jun. 6, age 75 ERIKS M. SVEDE, '71, of Rancho Mirage, CA, Nov. 16, age 80 ROBERT P. WEISS, '71, of Saratoga, CA, May 20, age 80 DAVID R. WRIGHT, '71, of Caledonia, Jun. 23, age 76 VAUGHN S. ZIDELL, '71, of Miami, FL CHARLES F. BRANZ, '72, of Lansing, Apr. 2, age 67 VICTORIA M. (KOO) HITCHINS, '72, of Rockville, MD, Jun. 17, age 71 RICHARD T. MORROW, '72, of Pismo Beach, CA, Apr. 4, age 87 EDWIN L. NOVAK, '72, of Ann Arbor, Jun. 11, age 92 GUSTAV A. OFOSU, '72, of Dover, DE, May 29, age 77 WILLIAM E. SPERBER, '72, of Williamston, Apr. 26, age 65 RONALD G. VERHAGE, '72, of Lake Stevens, WA, Jul. 17, age 76 GARY N. WARREN, '72, of Perry, Jun. 8, age 71 MARICLARE BARRETT, '73, of Chicago, IL, Sep. 4, age 64 ELISABETH A. (GAWTHROP) BUCHHEISTER, '73, of Oakland DRAKE F. GARRETT, '73, of Cleveland, OH, Jun. 4, age 70 ESTELLE H. (HARRIS) HENDERSON, '73, of Lansing, May 3, age 67 DALE L. MAKI, '73, of Willis, TX, Jun. 1, age 65 RICHARD C. PROBST, '73, of Petoskey, Jul. 16, age 69 THOMAS C. REINBOLD, '73, of Charlotte, May 18, age 68 CHARLES U. STEELE, '73, of Belding, Mar. 15, age 86 MARJORIE A. BRIEDEN, '74, of East China, Jul. 23, age 90 DOUGLAS K. LANGHAM, '74, of Lansing, Jun. 9, age 75 DAVID D. RYAN, '74, of Houston, TX, Mar. 29, age 62 MICHAEL F. ATKINSON, '75, of Crest Hill, IL, May 27, age 63 JANICE M. BOW, '75, of Saint Clair Shores, Jun. 27, age 63 KAREN R. BYRON, '75, of DeWitt, Jul. 14, age 64

KANDACE K. (KESSLER) MARCUS, '75, of Milwaukee, WI, Apr. 7, age 63

KENNETH J. SHELTON, '75, of Stanwood

GERALD R. SHERRATT '75 of Cedar City, UT, Jul. 8, age 84 CHRIS (THOMSON) WIECKOWSKI, '75, of Wixom, Feb. 12, age 62 RICHARD A. BARRATT, '76, of Mount Pleasant, Jan. 21, age 61 JOHN A. BESTER, '76, of Lansing, KS, Mar. 4, age 61 LARRY P. CHANNELL, '76, of Grosse Pointe Shores, Jul. 19, age 62 KAREN A. JOHANSEN, '76, of Grand Rapids, Apr. 23, age 63 MARGARET S. JONES, '76, of Granger, IN TIMOTHY R. KINNEY, '76, of Austin, TX, May 28, age 63 THOMAS J. MCGHIE, '76, of Livonia, Oct. 30, age 65 DENNIS F. PAPOI, '76, of Saugatuck, Jul. 6, age 70 ROBERT H. ROTH, '76, of Ann Arbor PAUL G. BANDER, '77, of Gaithersburg, MD, Jul. 21, age 62 CLIFFORD S. BARKER, '77, of Centennial, CO, Dec. 14, age 60 LYNN M. FOGELBERG, '77, of Chicago, IL, Jul. 9, age 70 MARY A. (HAYDEN) GOETZ, '77, of Mattawan, Mar. 24, age 60 **ROBERT L. GUALDONI** '77 of Bloomfield Hills, Apr. 26, age 83 JANE E. KOEHLER, '77, of Shoreline, WA LORI G. LOMMEL, '77, of Manlius, NY, May 8, age 60 ROMEO MARTINEZ-RODAS, '77, of MX, Apr. 3, age 70 KATHY A. RAY, '77, of Williamston, May 26, age 63 SHARON G. (CULKIN) WILLIAMS, '77, of Chicago, IL DONALD W. BARNES, '78, of Grand Rapids, Jun. 5, age 65 LAWRENCE A. BROWN, '78, of Newport Beach, CA STEVEN J. KRATZER, '78, of Eastpoint, FL, May 7, age 62 JAMES L. MCINERNEY, '78, of Novi, Jul. 2 CAROL A. RYDER, '78, of Clearwater, FL, May 12, age 83 ROBERT R. SIMPSON, '78, of Salem, SC JEAN E. TABAKA, '78, of Boulder, CO, Jun. 6, age 61 BRADLEY M. NEEDHAM, '79, of Holland, May 28, age 58 LAURA B. TOBEY, '79, of Denver, CO, Jul. 7, age 60 1980s BRADLEY T. CULLEN, '80, of Auburn, CA, Jun. 4, age 65

HELEN M. DAVIS, '80, of Southfield KATHLEEN P. SHERBURN, '80, of Muskegon, May 29, age 91 MARY LOU HEWITT, '81, of Norman, OK, Jul. 16, age 90 ANNE G. CZUCHNA, '82, of Kalamazoo, Jun. 18, age 81 PHILLIP S. JOHNSON, '82, of Dana Point, CA, Feb. 29, age 55 MARY J. METZ, '82, of Overland Park, KS, Jul. 18, age 77 RONALD L. SCHERDT, '82, of Dexter

GARY R. SHULZE, '82, of Minneapolis, MN, Apr. 6, age 66 LAIRD W. SMITH, '82, of Oak Park, Jul. 6, age 87

MARGARET M. (MCQUILLAN) STREHL, '82, of Utica, Apr. 13, age 57

STEVEN A. WHITE, '82, of Modesto, CA, May 27, age 59

MICHAEL J. ADAMCZYK, '83, of Lakewood, OH, May 1, age 55

DAWN M. (HARRINGTON) BERRY, '84, of Richmond Hill, GA, May 28, age 53

MARGIE R. BILKOVSKY-JOHNSON, '84, of Holland, Jul. 8, age 54

JOHN G. COUTILISH, '84, of Rochester, Jul. 20, age 54

MARK G. DELACY, '84, of Garden City, ID, Jun. 3, age 61

BRIAN T. DAY, '85, of Oak View, CA, Dec. 20, age 52 **BENNO P. FRITZ**, '85, of Ormond Beach, FL, Feb. 4, age 54

MICHAEL E. PEGLER, '85, of Ventura, CA, Apr. 22, age 54

GUY ARNOLD, '87

JOAN M. HOEFER, '87, of Beverly Hills, Jun. 20, age 60 JAMES G. MCGUIRE, '87, of Chino, CA, Apr. 2, age 52 LISA A. SOMERS, '87, of Lansing, Jun. 16, age 51 ROBERT A. THOMPSON, '87, of Oak Creek, WI, Oct. 28, age 53 CHRISTOPHER B. CURRIE, '88, of Lexington, SC, Sep. 7, age 57 LARRY G. NORWOOD, '88, of Kalamazoo, Jul. 5, age 65 MONICA K. KUCHER, '89, of Watkinsville, GA, Jul. 6, age 52 HOBART A. STEWART, '89, of Clio

1990s

JOHN C. SLADE, '90, of West Hollywood, CA, Apr. 20, age 47 LEON HARDIMAN, '91, of West Bloomfield, Sep. 17 KIRK R. HORN, '92, of Columbus, OH, Jul. 14, age 45 GARY P. LIPE, '92, of Grand Blanc, May 13, age 75 BRETT R. EARDLEY, '93, of

Rockford, Jul. 20, age 46 JILL L. (HORANEY) HODGES, '93, of Fort Wayne, IN, Jun. 28, age 45

ALICE C. KORNEFFEL, '93, of Naperville, IL, Jul. 27, age 72 EUGENE WATTS, '93, of Lansing, Jul. 2, age 61 SHERRY J. (KORSON) LAVERTY, '94, of Lansing, May 14, age 50 STEPHEN R. CLARK, '96, of Dimondale, Jun. 17, age 45 DEAN L. NICOLAI, '96, of Albion, Jul. 19, age 69

2000s

JARRETT R. GANNON, '00, of Johnsburg, IL, May 29, age 38 RYAN T. SOBCZAK, '00, of Alto, Jul. 10, age 38 RONALD H. MASON, '01, of Palm Beach Shores, FL, Jun. 13, age 76 MARY C. KEANE, '03, of

Hemlock, Apr. 18, age 64 PAUL N. FLINT, '04 DANIEL D. KIESLING, '05, of

Williamston, Jul. 11, age 34 **KALEB A. LANE**, '05, of Grand Blanc, Jun. 5, age 33 **BRUCE J. NANASY**, '05, of Noblesville, IN, May 28, age 44 **SAM I. ELFAWAL**, '07, of Midland

2010s

KATIE L. SWIENTEK, '11, of Washington, Jul. 17, age 29 ROLLIN D. CARL, '12 MITCH H. VANPORTFLEET, '12, of Lowell, Jul. 1, age 28 MICHAEL R. SADLER, '13, of Grand Rapids, Jul. 23, age 24 NATHANIEL J. WOODRING, '14, of Evanston, IL, May 23, age 23

Faculty and Staff

KATHLEEN BADGERO, of Tawas City, May 5, age 86 DAVID T. BAILEY, of East Lansing, Nov. 7, age 64 TIMOTHY W. BARNEY, of Eagle, Jun. 15, age 57 RONALD L. BEECH, of Howell, May 15 KATHRYN E. BOWLAND, of Grand Ledge, May 1, age 72

ERNEST BRANDT, of East Lansing, May 5 SCOTT R. BROWN, of Lansing, Jul. 10, age 35 CHRISTIANE D. BUSHELL, of Chicago, IL, Apr. 18, age 92 JESSE J. CARDELLIO, of Bloomfield Hills, Nov. 22, age 80 DEBORAH A. CARMICHAEL, of Mason, Jun. 22, age 69 ALMA CLARK, of Lansing, May 1, age 71 BARBARA ANN COUCH, of Allegan, Jun. 29, age 77

RICHARD A. CRUM, of Jenison, Jul. 19, age 92 CORA DIXON, of Lansing, Jun. 4, age 95 LAURENCE E. DOMINO, of Okemos, Dec. 28, age 62 JOYCE HARDING, of Haslett, Jul. 12, age 85 JEREMY T. HARRISON, of Okemos, Apr. 16, age 80 CHARLES J. HECKMAN, of Mason, Feb. 23, age 50 DAVID J. JUDAH, of CA, May 9, age 31 MARTHA A. LOVEJOY, of

Haslett, Jul. 25, age 75 DORATHEA MANGER, of Eaton Rapids, Jun. 4 MARY MARTIN, of Elsie, Apr. 25,

age 66 CHARLES A. MELUCH, of Okemos, Mar. 7, age 36

ROGER H. MEYER, of GrandRapids, Feb. 28, age 80 SUSAN M. MILLER, of Flint, Dec. 12, age 63

G JOHN A. PENNER, of

East Lansing, Jun. 28, age 88 EVELYN J. PREKOP, of DeWitt, Jul. 8, age 55 THOMAS F. SCHNEIDER, of Farmington ANN M. SCHOLTEN, of

Williamston, Jun. 29

KENNETH R. SILK, of Ann Arbor, Apr. 18, age 71

SUZANNE J. SIPPEL, of Augusta, Jun. 7, age 56

ANN C. WADE, of Okemos, Jun. 13, age 75 CATHERINE WATERS, of

East Lansing, Jul. 16, age 87 **QUINTEN WILCOX**, of Lansing, Oct. 30, age 96

CHENEY WONG, of Lansing, May 6, age 58

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Sparrow Spartan Spotlight

Sparrow Health System and MSU award grant focusing on improving hospital culture

The Sparrow/MSU Center for Innovation and Research (CFIR), a collaborative partnership between Sparrow Health System and Michigan State University, has awarded a grant to research hospital culture and front-line healthcare professionals speaking out about potential mistakes.

The grant was awarded to the Michigan Health & Hospital Association Keystone Center, which is working to improve hospital culture among its members.

The research team will run a series of focus groups with practicing clinicians to better comprehend barriers to submitting adverse healthcare-related events within Sparrow. The project's findings will be analyzed for common themes, trends or concerns and will consider a second phase for developing improvements.

"Understanding factors that affect whether front-line healthcare professionals report medical errors and near-misses at Sparrow is critical to ensuring the best possible care for Patients. This project will provide important knowledge which can improve healthcare staff performance and Patient outcomes," states Shelia Cotten, PhD, Director, Sparrow/MSU Center for Innovation and Research.

Sparrow

Leading the research team is Dr. Kenneth J. Levine and co-principal investigator Dr. Kami Silk, both professors in the MSU Department of Communication. Other research team members include:

- Christine Jodoin, MSN, RN, NE-BC Vice President of Nursing, Sparrow Hospital
- Ted Glynn, M.D., FACE Vice President of Medical Education and Research, Sparrow Health System
- Anna Melville Director of Population Health, Sparrow Health System
- Adam Novak Manager of Patient Safety & Quality, MHA Keystone Center

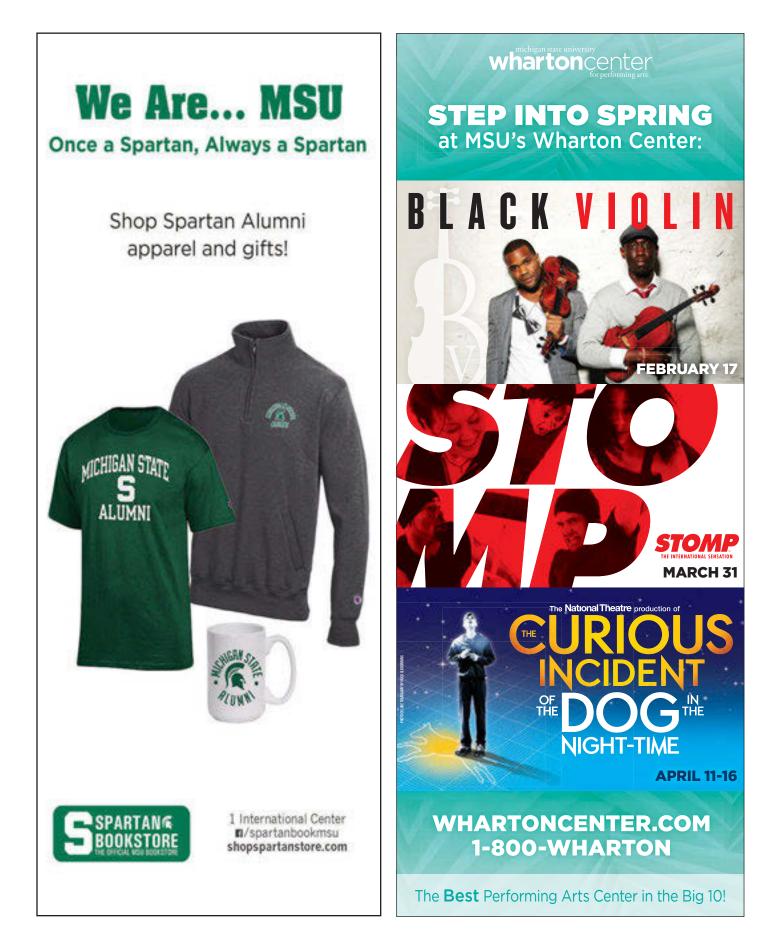
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I'm proud to say that Michigan State University completely shaped who I am. The education I received nurtured, grew and refined the traits that have become the foundation of my medical practice. I learned the importance of providing medical care to underserved communities, whether in rural or urban regions. Now, as a practicing pediatrician, I have the satisfaction of bringing medicine to people in Greater Lansing who might not otherwise have access to it.

> HEATHER ADAMS, M.D. McLaren Greater Lansing



Lyman Briggs College BS \ 1995

College of Human Medicine MD \ 2000



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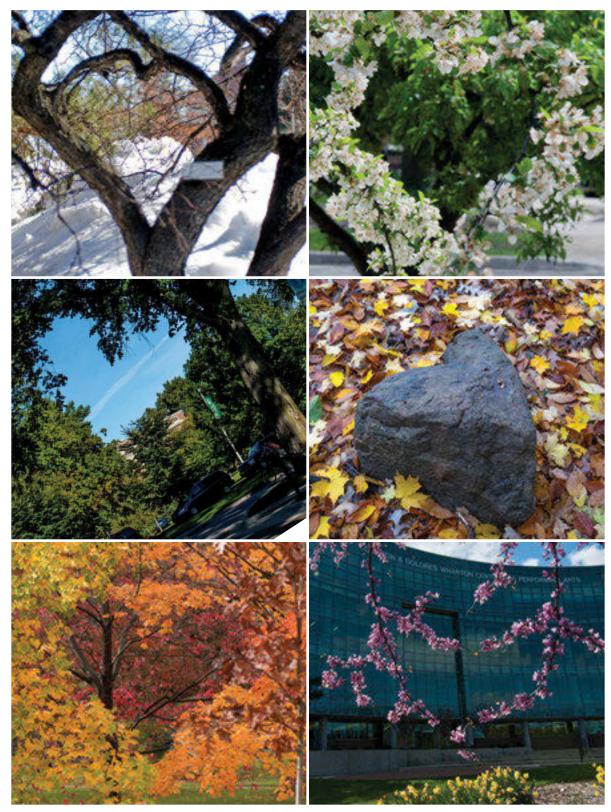
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