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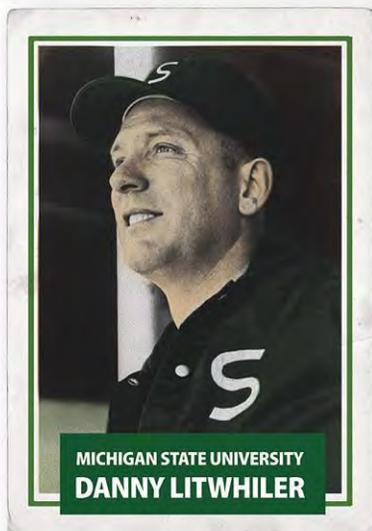
MSU ALUMNI



24 FOUNDATION FOR THE FUTURE



44 THE THOMAS EDISON OF BASEBALL



MICHIGAN STATE UNIVERSITY
DANNY LITWILER

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The MSU ALumni Magazine is published quarterly and distributed to alumni, donors and friends of Michigan State University.



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Contact the editor at daven125@msu.edu



About the cover

This is a small section of MFA alumnus Jon Anthony's Pet Rock painting in Wells Hall. The colors recreate those layered on the Rock as seen on a 2011 bore from the stone. Anthony lives near Petoskey and works with his LTBB Odawa Indian tribe, according to his website.



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PRESIDENT'S MESSAGE

OUR COMMON SPARTAN BONDS



A large university doesn't persist over the course of more than 160 years without accumulating lots of symbolic "treasures." Some develop iconic status over the generations and help bind us to alma mater and to one another. Think Beaumont Tower, the Rock, and the Red Cedar!

It can be compelling to view ourselves through the lens of these kinds of physical and cultural icons, as you'll see in this issue. They take on rich meaning by capturing and representing stories and moments in time that create a common bond.

While our shared experiences are important, our shared values and ideals—those that transcend not only time and location—are at the heart of what it means to be a Michigan State University Spartan. They're key ingredients in our secret sauce. Spartans know it when they see it and feel it.

It begins with our pioneer land-grant roots and the opportunities they have made possible over the years. It's our passion for making tomorrow better than today and our earnest belief that each of us has the power to make that possible. It's the vision that enables us to see the world both as it is and as it could be, and our tenacity to make the latter a reality.

I like to say that it's not just about what we Spartans do, but how we do it and why, that matters. Mission and method are essential to our identity—fostering innovative partnerships to discover and apply leading-edge knowledge to society's great and persistent problems.

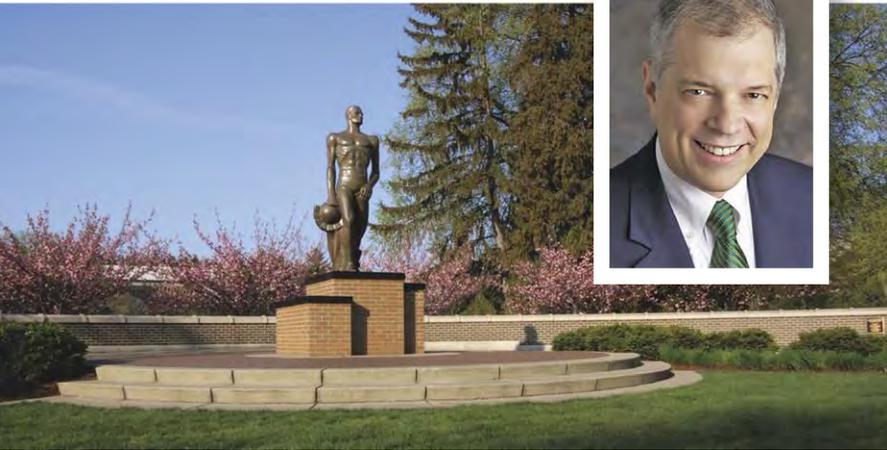
This way of thinking and working are modeled every day by our more than half a million alumni around the world and our 12,000 faculty and staff members. They are part of the mentorship we provide our 50,000 students and the value we deliver to colleagues and communities.

We are privileged to be part of Team MSU, to work together to advance the common good with uncommon will as generations before us have. I hope you'll take time to read about such Spartans in these pages and online at msutoday.msu.edu. Such extraordinary people give us the confidence to say, without equivocation: **Spartans Will.**

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



DIRECTOR'S MESSAGE



LIKE THE SPIRIT IT EMBODIES, SPARTAN STATUE ENDURES

The Spartan Statue stands at the corner of Kalamazoo and Chestnut. He is a younger, sturdier iteration of the terra cotta creation cast by Leonard D. Jungwirth in 1943. That original now resides, safely out of the elements, in the lobby of Spartan Stadium Tower.

Sparty is among the first images that imprint young minds on their initial forays onto campus. Commencing seniors wrap arms around him, hoping to take some of his magic into the next chapter of their adventures. Wedding parties seek out his blessing. Student organizations record their membership for posterity in photographs at his feet. And wise, graying eyes pause before him in the evening of existence to make sense of the past and ponder the future.

Eventually everything and everyone passing through campus comes within his gaze and is touched by his iconic spirit.

During his long life, Sparty has heard dozens whisper, "we live in uncertain times." And it turns out

we always have. He was born when the outcome of the second World War was far from clear. He survived the ups and downs of the latter half of the 20th century, crossing into the new millennium as a symbolic stop for protesters and promoters alike, who hope their combined energy might catalyze change.

From time to time, the misguided have tried to deface him. His likeness has been expropriated to drive home a point. He is associated with the brightest and darkest moments of our history. Both fact and fiction have been attributed to everything one may claim he represents.

And still, he endures.

The essential icon of Michigan State University hears all, sees all and says nothing. Yet the ideas his presence can fire in the synapses of Spartan minds can be more powerful than words.

This is the most important thing to remember about our icons. We created them, imperfect beings that we are, in the hope that they help us take small steps toward becoming the better people that an MSU education, and all that comes with it, might reveal.

Their very creation involved failure and setbacks, the two unlikely requirements for anyone who hopes to excel. And the faith our icons represent is at the center of the Spartan Spirit, powering our drive to persist, to rise above anything that would impede positive progress, and to ultimately endure and thrive, as all true Spartans Will.

W. Scott Westerman III
Executive Director, MSU Alumni Association

DIRECTOR'S MESSAGE

MSU Alumni Association National Board Members

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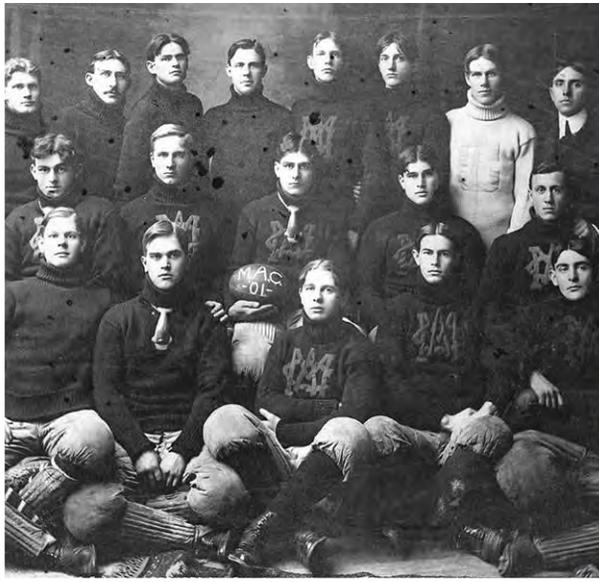
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LETTERS *to the* EDITOR



ANOTHER BOW TO MAC'S PIGSKIN PLAYERS

I wanted to point out that Joan Ogden in her fall 2016 letter to the editor was under the impression that the photo of the Michigan Agricultural College (MAC) football team was from the 1901-1902 time period.

However, the photograph depicts the 1913 game and shows MAC's first touchdown in a game that was its first victory over Michigan. Interestingly enough, my great uncle, Oscar Miller (aka Oscar Schultz) was on the 1913 team.

As one of our university's archivists, I'm familiar with this and other historical photos. So I'm sending pictures for Joan and all your other readers of the team on which Joan's grandfather played. The years? 1901 and 1902.

As you can see, their headgear wouldn't cut it today. Our predecessors must have been a hardy lot.

Ed Busch

Electronic Records Archivist / MSU Archives



See some of our other historical photos at onthebank.msu.edu.



NEWS *and* CURRENT EVENTS

FACIAL RECOGNITION SYSTEM AIDS STUDY OF LEMURS

By Kim Ward, MSU

Facial recognition systems can do more than catch criminals.

Anil Jain, a biometrics expert and distinguished professor at MSU, realized they could also help endangered lemurs in the jungles of Madagascar.

Jain and his team modified their human system to create LemurFaceID, the first computer facial recognition system that identifies individual lemurs with 98.7 percent accuracy.

Researchers have often relied on "soft" identifiers to recognize individual lemurs, such as differences in size and shape or injuries and scars. However, this can make it difficult for different researchers to identify the same lemur over time.

The new system will allow for more long-term studies of the mammals to better inform conservation efforts without using invasive, costly "capture and collar" identification methods. Long-term studies can provide crucial data about how long individuals live, how frequently they reproduce, mortality rates, and population changes.

Jain believes LemurFaceID can be used for other species as well. "Facial recognition technology has the potential to help safeguard our society," he said. "Adapting it to help save endangered species is one of its most inspiring uses."





AND THE WINNER IS: SPARTANS SCORE AT THE OSCARS

Several Spartans snared Oscars at February's 89th Annual Academy Awards ceremony.

Winners are:

Hacksaw Ridge

Co-producer: Bill Mechanic, '73

College of Arts and Letters

6 Academy Award Nominations

2 Oscars: Best Film Editing, Best Sound Mixing

From Flint: Voices of a Poisoned City

MSU Student-Produced Documentary

Bronze Medal at 43rd Student Academy Awards

Producer: Liv Larsen

Director: Elise Conklin

Director Photography: Izak Gracy

Lead Editor: Lauren Selewski

Gaffer: Jenna Ange

STUDY QUESTIONS STOCK MARKET'S PREDICTIVE POWERS

By Andy Henion, MSU

It turns out that, contrary to what many business leaders believe, investors aren't the most reliable predictor of how a new product will perform, a study co-authored by an MSU marketing expert found.

The research examined short-term market returns following the preannouncements of 208 vehicles in the U.S. auto industry between 2001 and 2014. It found that investors successfully predicted a product's performance only 48 percent to 55 percent of the time.

"It's really a flip of a coin," said Ahmet H. Kirca, associate professor of marketing in the Eli Broad College of Business.

Consider the Chevrolet SSR, a retro-style pickup with a retractable

roof. The market reaction was positive following the truck's preannouncement in 2003, boosting the value of parent General Motors, but the SSR never took off and was discontinued after three years. On the other hand, the Honda Ridgeline pickup has survived since its preannouncement in 2005, despite investors' initial negative reaction.

"Given that companies use short-term stock market reactions as a surrogate for decision making and budget allocation purposes," Kirca said, "our findings caution managers against the use of these market reactions as a sole yardstick to assess future performance of product preannouncements with highly uncertain outcomes."





UNIVERSITY NETS \$1M GRANT TO NURTURE STEM CAREERS

By Eileen Gianiodis, MSU

A team of MSU researchers has landed a \$1 million grant from the National Science Foundation to recruit, nurture, and graduate students for careers in the STEM fields of food, energy, and the environment.

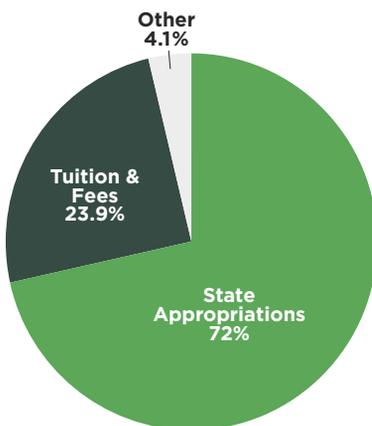
Too few students are graduating to meet current and projected workforce demands in these fields, and thousands of jobs are going unfilled.

The grant will provide scholarships to 24 high-achieving, low-income high school students who are interested in animal science, crop and soil sciences, forestry, entomology, fisheries and wildlife, food science, or horticulture. The cohorts will include Lansing School District, Lansing Community College, and MSU students who haven't declared a major.

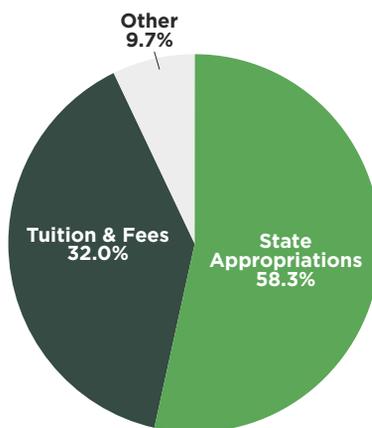
"Though many people want to know where their food comes from, there seems to be a disconnect in recognizing that science, technology, engineering, and math are integral to the careers associated with food production, processing, packaging, and delivery," said Eunice Foster, MSU crop physiologist and the grant's principal investigator.

Researchers will assess why so few students enter these career fields, which have high job demand and good salaries. They'll use that information to further design and assess effective recruitment programs.

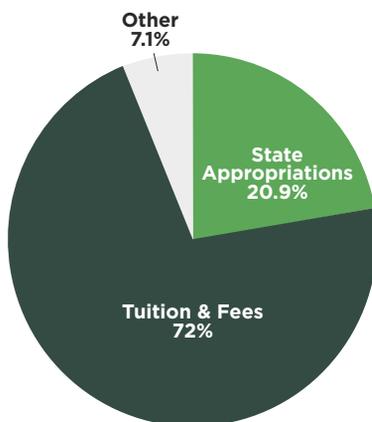
FY1965 MSU General Fund Budget
\$43,600,000



FY1985 MSU General Fund Budget
\$260,400,000



FY2017 MSU General Fund Budget
\$1,317,000,000



MSU FUNDING SNAPSHOT

The legislature's support of higher education is vital for MSU's mission but has been diminishing over the past several decades.

Michigan ranks 47th out of 48 reporting states for change in appropriations over 10 years.

Since the Performance Funding model was implemented 2012, MSU has been more adversely impacted than any institution complying with each tuition restraint provision for a loss of \$8 million.

Credit: MSU Office of Planning and Budget



RESEARCHERS CREATE SMART FABRIC USING INKJET PRINTER

By *Andy Henion, MSU*

MSU engineering researchers have developed a stretchable integrated circuit made with an inkjet printer, raising the possibility of inexpensive mass production of smart fabric.

Imagine an ultrathin smart tablet that you can stretch from miniature to extra large or even fold and put in your pocket, a rubber band-like wrist monitor that tracks your heartbeat, or wallpaper that functions as an electronic display.

These are some potential applications of the fabric developed in the lab of Chuan Wang, assistant professor of electrical and computer engineering. And because the material can be produced on a standard printer, it has a major potential cost advantage.

“We can conceivably make the costs of producing flexible electronics comparable to the costs of printing newspapers,” Wang said.

The smart fabric is made of several materials fabricated from nanomaterials and organic compounds. These compounds are dissolved in solution to produce electronic inks, which run through the printer to make the devices.

From the ink, Wang and his team have successfully created the elastic material, the circuit, and the organic light-emitting diode, or OLED. The next step is combining the circuit and OLED into a single pixel, which Wang estimated will take one to two years.

A NEW APPROACH COULD HELP SMOKERS QUIT

By *Kristen Parker, MSU*

Anti-smoking campaigns would do well to replace gruesome pictures and dire warnings with more positive, nostalgic messages that tug at smokers’ heartstrings, MSU researchers found.

Advertisers often evoke nostalgia to sell goods, and the tactic may also help encourage healthy behaviors, said Ali Hussain, a doctoral candidate in the School of Journalism, and Maria Lapinski, professor in the Department of Communication.

“A lot of no-smoking messages are centered around fear, disgust, and guilt,” Hussain said. “But smokers often don’t buy the messages and instead feel badly about themselves and the person who is trying to scare them.”



Researchers studied smokers ages 18 to 39, exposing some to a nostalgic public service announcement and some to a control message.

Those who viewed the PSA reported greater nostalgic emotions and displayed stronger negative attitudes toward smoking, especially women.

Starting with images of childhood memories, the PSA included phrases such as “I remember when I was a boy,” and referred to familiar smells and tastes from bygone days. It ended with the narrator remembering when someone introduced him to cigarettes and a call to action.

Nostalgia plays off of cherished personal memories, so viewers feel more engaged, the researchers said.



THE BROAD ART MUSEUM

THE TRANSPORTED MAN

April 29–Oct. 22

The debut exhibition curated by Director Marc-Olivier Wahler will span the entire museum. Featuring more than 50 renowned and emerging artists whose work relies on the notion of belief, *The Transported Man* examines the power of interpretation and the tension that exists between an ordinary object and an art object.

The name is taken from a magic trick in which two doors stand at opposite ends of the stage. The magician exits through one door and immediately reappears through the other. It is not magic in the true sense of the word, but only the appearance of it.

This will be the first time since the museum opened in 2012, that an exhibition will occupy every gallery.



broadmuseum.msu.edu

WHARTON CENTER

FUN HOME

June 6–11

With lyrics by Lansing’s own Lisa Kron, *FUN HOME* is a musical based on the best-selling graphic memoir by Alison Bechdel. It tells her story from the perspective of three ages, revealing memories of her uniquely dysfunctional family—her mother, brothers, and volatile, brilliant, enigmatic father—that connect her in surprising new ways. This intimate and emotional work won five Tony Awards in 2015, including for best new musical, for its original Broadway production.

As *The New York Times* wrote, “This impeccably shaded portrait of a girl and her father tries to solve the classic mystery: Who are these strange people who made me? ... Heart-gripping and cathartic, *FUN HOME* occupies the place where we all grew up, and will never be able to leave.”



whartoncenter.com





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“If someone wants to invest in your life, you should be able to do the same for someone else. I want to change someone else’s life and make an impact like Steve Smith did for me.”

SHERRONIA DORSEY-WALKER

Steve Smith/Pershing High School Scholarship Recipient,
College of Social Science

“Just know that you are making a huge difference in our lives and giving us opportunities that we might not otherwise have.”

JORDYN CASTOR

Resource Center for Persons with Disabilities Scholarship Recipient,
College of Engineering

“We can start to do something about the challenges we face. if we don’t, we may regret it down the road.”

CHERYL KERFELD

Hannah Professor of Structural Bioengineering
College of Natural Science

“My dream is to go back to Ghana and create an environment where youth can come in and learn employable skills. I would like to thank The Foundation for not only making my dream come true, but also for those who have yet to be sponsored.”

MAVIS DOME

MasterCard Foundation Scholar
College of Social Science

“There are only a handful of institutions in this world that have the scale, the ambition, the capabilities, and the culture to sign up for the challenges ahead. Michigan State University is one of them.”

LOU ANNA K. SIMON

President, Michigan State University

Late last year, we sent a readership survey—for the first time since 1989—to 13,667 of you. The survey is offered through the Council for the Advancement and Support of Education (CASE), a respected professional organization in the field of higher education. Since 2009, CASE has accumulated nearly 190,000 responses from readers of roughly 300 publications produced by public and private universities.

If you'd like to weigh in, just visit go.msu.edu/mag-survey Here are a few highlights of what we've learned so far.

READING HABITS



78%

Read the **print** version



6%

Read the digital version



70%

Spend 30 minutes or more reading an issue



92%

Read most every issue



65%

Read most or all of the magazine's stories

FEEL THE LOVE



89%

Strongly agree or agree the magazine strengthens their personal connections to MSU

TOP THREE WAYS THE MAGAZINE STRENGTHENS CONNECTIONS TO MSU (highest to lowest)



Reminds me of my experiences at MSU



Encourages me to support MSU financially



Serves as a source of continuing education

TOP THREE ACTIONS TAKEN (highest to lowest)



Saved an article or issue



Made a donation to MSU



Discussed or forwarded an article or issue



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MUSIC PERFORMER AND ACTOR
SOUTHFIELD, MICHIGAN
COLLEGE OF MUSIC, 2010



Joan Marcus

JONATHAN KIRKLAND: SINGING, TEACHING, INSPIRING IN HAMILTON

Even in his heyday, it's unlikely George Washington ever entertained crowds like his contemporary counterpart is doing now on a Chicago stage.

This younger version of the United States' first president is not like the guy pictured on our dollar bill.

He's 6 feet 4 inches, rocks a buzz cut and sports a dark goatee. His name is Jonathan Kirkland.

A former basketball player with the voice of an opera singer, Kirkland is starring in Lin-Manuel Miranda's *Hamilton: An American Musical*.

The production is a much decorated hip-hop infused Broadway hit. And with a cast of black and Latino actors playing America's founding fathers, in a story that often omits the struggles faced by people of color, it feels groundbreaking.

"This is arguably the biggest musical in American history and they chose me to bring this role to life," said Kirkland with a youthful dose of disbelief.

Yet he started his climb for just such a role as a music performance major—despite a tantalizing opportunity to try out for the Spartan men's basketball team. Plan B, he said, was teaching.

Like most of those who make it, he worked his way to the top playing smaller roles.

Last year he appeared in a different play surrounded by a well-respected cast.

"I was onstage with major Broadway veterans, Tony winners, Emmy winners, and Grammy winners. If ever there was a moment that gave me confidence I was on the right path...that was it," he said in a recent phone interview.

And he hopes he can inspire minority performers of all ages.

Last winter, he and his fellow actors had just such a chance. They invited high schoolers from Chicago Public Schools to a special matinee performance.

The teenagers had been preparing for the occasion, writing historical raps, songs, and spoken word pieces of their own.

What's more, they bravely took their creations to the stage.

The professionals had front row seats, and it was their turn to be awestruck.

"Their talent was mind-blowing," said Kirkland, "...they're standing up there onstage in front of everyone and they're just going for it."

It was one of those rare experiences in which originality, creativity, and inspiration flowed both ways, he said.

"I had to see men who looked like me, singing the way I sing, and doing the things that I thought were cool in order for me to believe it was possible," he said. "Our cast is so diverse (that) for young kids of color to watch a performance onstage where everybody looks like them? That's a rare opportunity," Kirkland said.

He hopes it's one of many more to come.

~Devon Barrett, '11

DEBRA LEVANTROSSER: LIVING 'TINY' IN SPARTY'S CABIN

For MSU students, building the tiny house known as Sparty's Cabin was a lesson in collaboration and green ingenuity.

For Debra Levantrosser, buying that house was a full-circle moment that brought together her work, values, and personal life.

Levantrosser has spent more than 23 years focused on minimalism and positive change, through a career implementing "lean manufacturing" principles for major corporations, teaching the subject at the University of Michigan, and running a vegan food truck called Shimmy Shack. She is also the co-founder of the Michigan Lean Consortium and founder of Arbed Solutions, a business consulting company focused on change.

"The very essence of lean is to reduce waste while improving quality, reducing cost, and shortening lead time," she said. "It is time I take these principles even more seriously by living small and, maybe, tiny. I don't really need all the things I have."

While she'd already downsized from a 6,000-square-foot home to a 3,000-square-foot place in South Lyon, she had been thinking about going smaller. She realized that she could go tiny after staying in a nook-sized room at a bed-and-breakfast in Kingston, New York. "I have stayed at hundreds of hotels around the world and never had I slept so well as at Church des Artistes."

Levantrosser visited Austin, Texas, and Portland, Oregon, to check out some tiny houses for sale and returned to Michigan ready to buy one.

Then she heard about Sparty's Cabin.

The 177-square-foot, two-story house on wheels was the brainchild of a group of energetic students with a passion for sustainability and an interest in the tiny house movement, the architectural and cultural trend of building homes smaller than 500 square feet to conserve resources.

The cabin was constructed over six weeks last spring with the help of more than 100 people from across campus and the surrounding community.

The project incorporated a variety of recycled, reclaimed, and repurposed materials, including lumber salvaged from trees that had lived on campus. Other materials were selected for their sustainable qualities, including double-pane windows, recycled newspaper insulation, and a composting toilet.

The structure also has traditional hook-ups for sewer, water, and electricity.

Levantrosser instantly knew she wanted to bid on the cabin. To her, it was the perfect combination of sustainable living, student involvement, determination, and Spartan ambition.

"It was the story behind it that made me want to bid on it," she said at a key-passing ceremony January 6. "I'm a university instructor, so I know that it's the students who have the best ideas."

Levantrosser, who has lived on three continents and worked in more than 50 countries, said she plans to buy property and move into the home with her three big dogs. She'll probably add a garage for her car and extra storage.

"I'm excited. It's an adventure! That's how I'm looking at it," she said. "Life is not just about stuff, it's about experiences."

~ Nancy Nilles and Kirk Mason



Sparty's Cabin blog:
spartycabin.weebly.com/blog





**LEAN MANUFACTURING EXPERT
SOUTH LYON, MICHIGAN
COLLEGE OF ARTS & LETTERS,
COLLEGE OF SOCIAL SCIENCE
BOTH 1993**



HISTORY TEACHER
WESTERVILLE NORTH HIGH SCHOOL
WESTERVILLE, OHIO
COLLEGE OF SOCIAL SCIENCE, 2000
COLLEGE OF EDUCATION, 2001



BEN HARTNELL: INSPIRING THE NEXT GENERATION OF POLITICALLY ACTIVE CITIZENS

Talking about American democracy has never been a passive act for Ohio high school teacher Ben Hartnell. He takes history seriously.

In 2016, he tried to make history himself by running for U.S. president as an official write-in candidate in 25 states.

Hartnell surprised himself, and his students, when what started as a teachable moment became a grassroots movement. Once results were tallied, he'd earned more than 720 popular votes with just a \$300 budget.

He had a running mate, a slogan ("Elect the Beard"), and a website. He used electthebeard.com to post public polls on a variety of issues, then used the results to create his platform—and to foster class discussions.

Support for the bearded teacher swelled as word spread through local news stories and social media sharing. Fellow educators used his campaign to start dialogue in their own classrooms.

While many Americans felt disengaged by negativity during the election, the students of Westerville North High School outside Columbus—and many people in the community—became enthralled by learning about the process and seeing the power of their fellow citizens firsthand.

Hartnell said he hopes the experience will inspire some students to go into public office, or at least show them that everyone—not just those at the top of the two major parties—can make an impact.

"At what point did we stop believing that a local person could run for president?" he said. And why do some states continue to prohibit write-in candidates, he has asked.

The question spurred a Hartnell supporter in South Carolina to rally her local lawmakers. And now the judiciary committee there is going to begin the process of repealing the 50-year-old law.

A classroom campaign and a single supporter could overturn a state law. Think about that, he tells his students.

"Your voice does matter. You are the next wave to become politically active," he said.

"If we want things to change, it has to start with you."

At Westerville North, where he's worked for 16 years, Hartnell wears a costume almost every day. He starts each class by projecting custom "This Day in History" slides on his wall, and he runs elaborate re-enactment activities, from the Civil War Water Balloon Battle to the "horrific medieval torture lecture."

The colorful theatrics are just the bait, he said, to capture the imagination of teenagers.

"The goal is not just to get them pumped up about history but to show them, whatever you end up doing in life, be passionate about it and come to work ready to do it," said Hartnell, a graduate of the MSU Teacher Preparation Program.

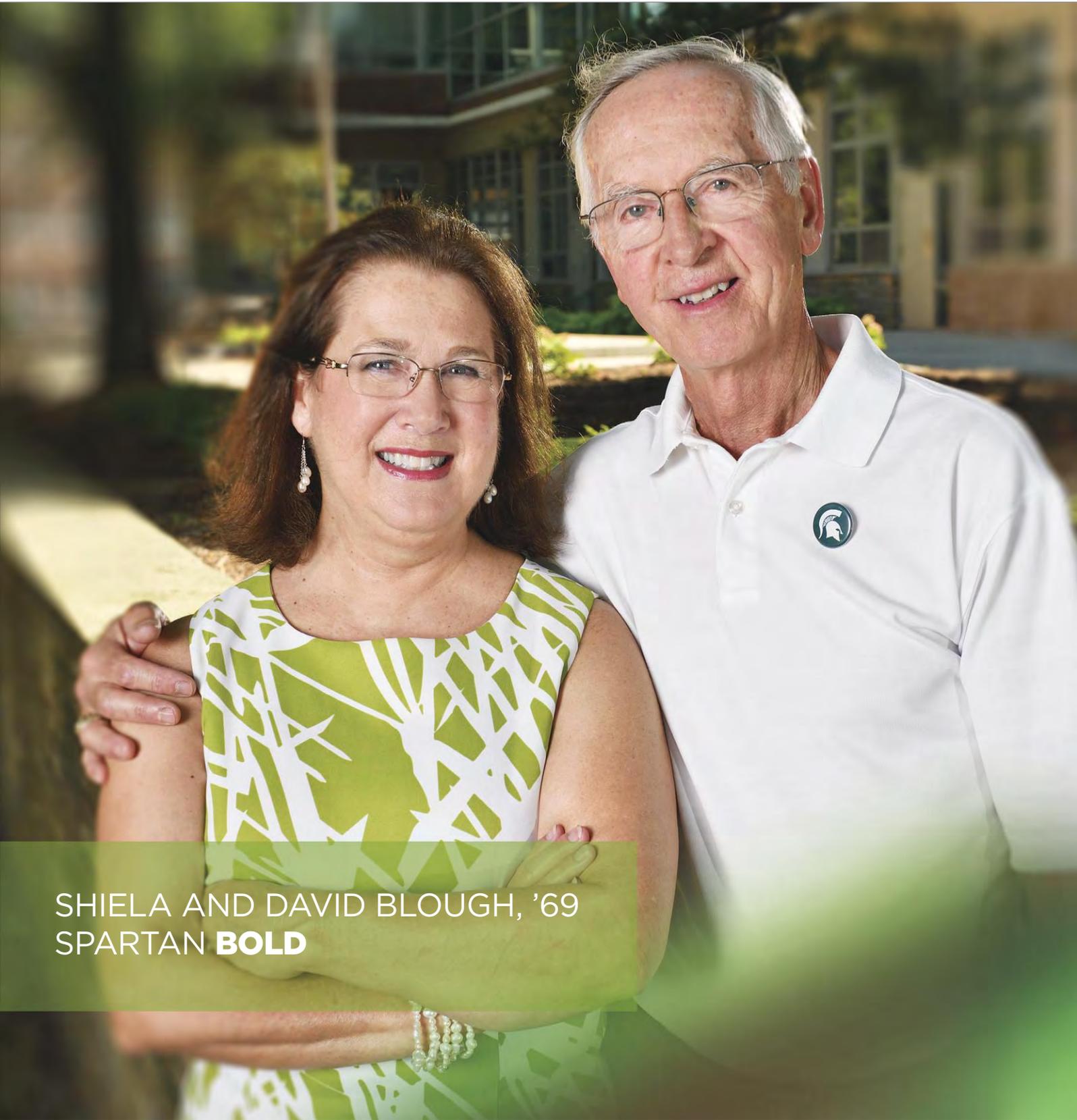
He borrowed his class motto, Chase It, from the Spartan football team and many of his classroom antics from his former MSU mentor teacher, Jerry Gillett.

"I try to show my students that everything is a very powerful story, and that their story in high school creates one big fabric that is the American story."

~Nicole Geary, '03



SPARTAN LOYALTY MATTERS



SHIELA AND DAVID BLOUGH, '69
SPARTAN **BOLD**

GIVING EVERY YEAR

David and Shiela Blough have a long history of giving back to MSU. At 47 consecutive years, it's as long as their marriage. One started with a dollar. The other with a dance.

It was winter of 1968 when David first approached Shiela at a Shaw Hall student mixer. He had two questions: did she want to dance? And, did she like the Beatles? She said yes to both, and they've been together ever since.

At graduation the following spring, David was filling out the rental form for his cap and gown. He checked a box to direct \$1 of his rental fee back to MSU as a gift, and they've been giving every year since then.

"That first gift wasn't much," David says, "but that one dollar was enough to get us thinking about giving. We had such a good experience at MSU, and all these years later, it still feels like a part of our lives—it feels like part of our family."

ANNUAL GIVING LEVELS

Make a gift before June 30 to support what matters to you and be recognized for your support this year.

LEADERSHIP CIRCLE

Spartan Strong	\$1,000 - \$2,499/year
Spartan Great	\$2,500 - \$4,999/year
Spartan Bold	\$5,000 - \$9,999/year
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Spartan Extraordinary	\$20,000+/year

LOYALTY LEVELS

Spartan Loyal	\$100 - \$499/year
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All gifts made in a fiscal year (July 1 - June 30) will determine your annual level of recognition. Lifetime recognition begins at \$50,000.

go.msu.edu/spartanloyal

37,734 Spartan donors have given every year to MSU for 10+ years.

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ONLINE: givingto.msu.edu

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Spartan Way
535 Chestnut Road, Room 300
East Lansing, Michigan 48824

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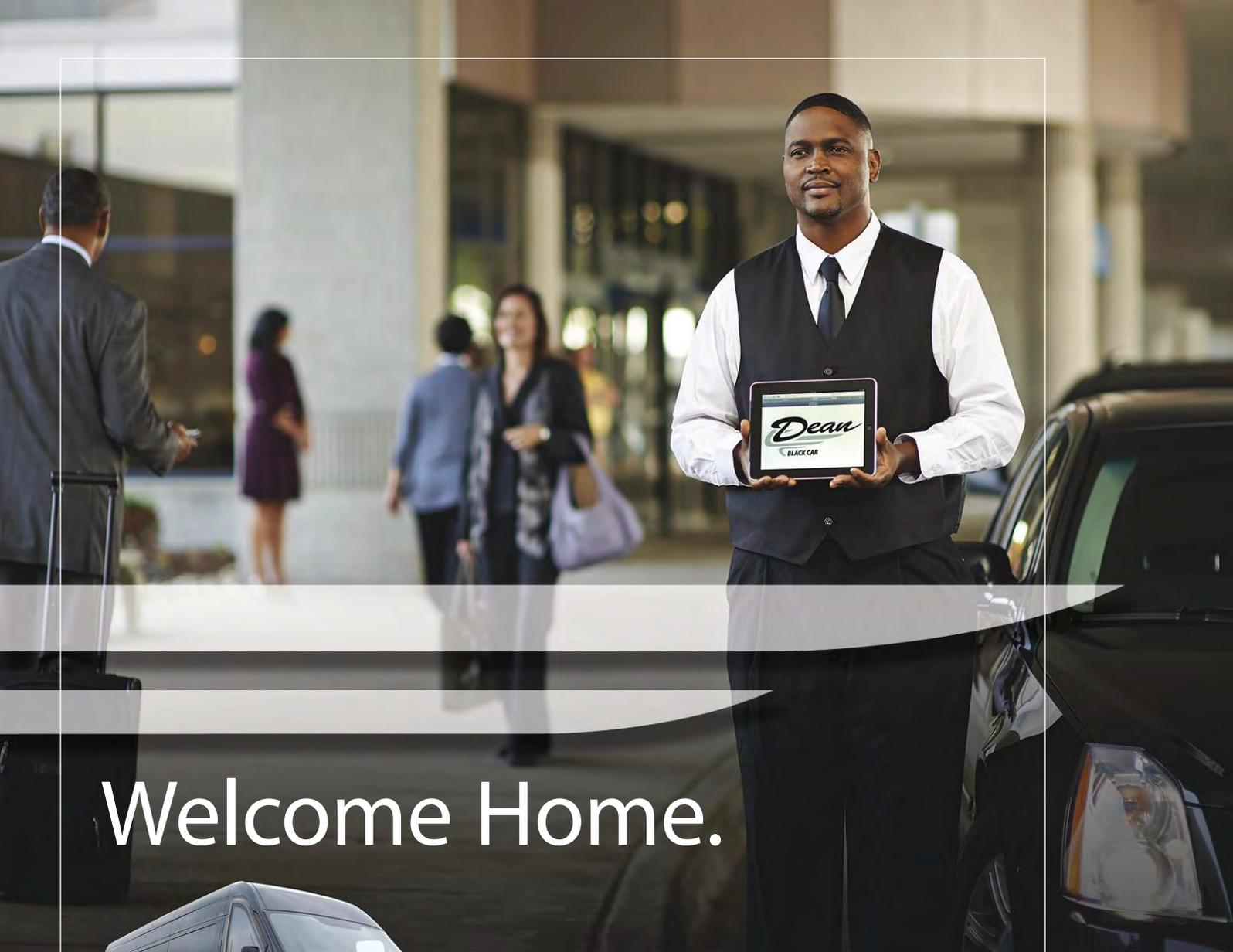
Alumni Association

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UNIVERSITY ALUMNI ASSOCIATION



KEEP CLIMBING





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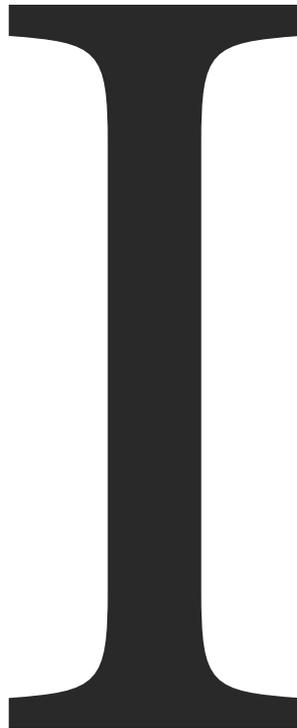
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FOUNDATION FOR THE FUTURE

A look through the ages at what makes us who we are today

By Paula Davenport and Nancy Nilles

Photographs and memorabilia courtesy of MSU Museum,
University Archives & Historical Collections, and MSU photographers



In many ways MSU is like its landmark Rock: strong, solid but ever-changing, vibrant, and laden with ideas. By turns silly or solemn, political or personal, the boulder-turned-billboard endures, bearing unflinching witness to time's passage. Like us, it is made of many layers, but *green* to the core.

In the pages that follow, we invite you to examine, or perhaps rediscover, some of the many layers that human hands and minds have created in more than 160 years of MSU history, shown here through art, photography, artifacts, and tales. Piece by piece, each adds a layer of strength and complexity to the foundation upon which we now stand—solid yet fluid, alive, and bright with hope.



The Red Cedar

From the easel of John S. Coppin—who painted more than 400 *AAA Motor News* magazine covers—came this idyllic 1954 image of people enjoying the Red Cedar River. A sought-after artist, Coppin’s paintings of four Michigan governors grace the state capitol. His *Man and Transportation* mural adorns the Detroit Public Library.

FOUNDING

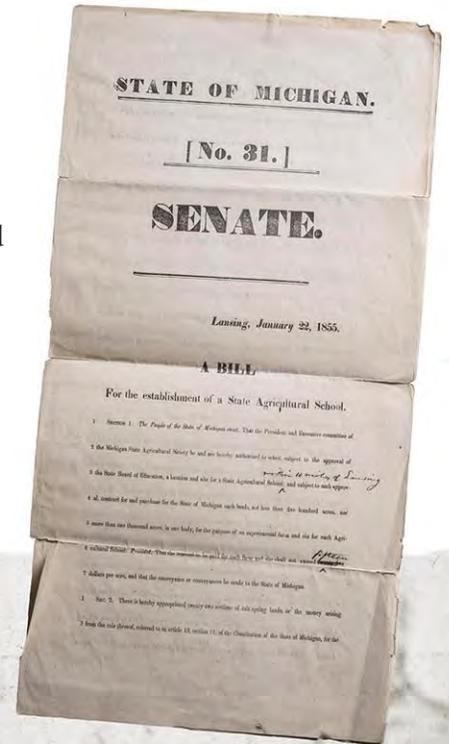
In 1855, the state agreed to found the Agricultural College of the State of Michigan 10 miles east of Lansing. Stipulations called for the purchase of between 500 and 1,000 acres of land for no more than \$15 an acre, as specified in this Senate Decree.

It would be the first college dedicated to the scientific study of agriculture. In 1856, College Hall, the first classroom building, rose from drained swampland where

Beaumont Tower now stands. A men's-only dormitory, The Saints' Rest, opened and a new brick barn dotted a teaching farm.

The college became the nation's pioneer land-grant institution and the model for all others through adoption of the Morrill Act in 1862.

Five faculty members welcomed 63 male students in May 1857.



Michigan State Agricultural College, 1858.

The university, stands true to its legislated purpose: “...to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life.”

-The Morrill Act, 1862



Modern research facilities

In one of MSU’s contemporary laboratories, a MasterCard Foundation Scholar, Timothy Nakedde, of Uganda works alongside University Distinguished Professor James D. Kelly. Nakedde’s research focuses on plant breeding and genetics.

Gothic Monitor Barn

By building models like this one, students familiarized themselves with the variety of barns suited to specific purposes. Low cost, ease of livestock feeding, and improved chances of rescuing animals from barn fires are among this style’s selling points.



Horticulture Class, 1917

It took some convincing before family farmers embraced the idea that scientific principles could improve everything from cultivation to crop yields. The college offered not only degrees but also shorter courses in such areas as horticulture. Adding mechanical engineering classes (1885), an agricultural experiment station (1888), and offerings through the Extension Service (1914), the college assisted in the modernization of agriculture in Michigan and beyond.

GROWING



Laboratory Row in 1912 included individual buildings for the disciplines, from left, of: horticulture, bacteriology, botany, dairy, entomology, and agriculture.



Myrtle Craig

Education for All

As agricultural sciences evolved, so did the university and the diversity of its students.

Ten women entered the college in 1870.

The first international students enrolled in 1873.

In 1899, William O. Thompson, the first African-American student, joined the student

body. He went on to teach at Tuskegee University.

A few years later, Myrtle Craig became the first African-American woman enrolled here.

She received her diploma from U.S. President Theodore Roosevelt, who was commencement speaker at the college in 1907.

Name Changes

The university has undergone six name changes since its founding. Lt. Gov. Philip Hart used the fountain pen shown here on April 21, 1955, to officially shift Michigan State College to Michigan State University.



1855
Agricultural College of
the State of Michigan

1861
State Agricultural
College

1909
Michigan Agricultural
College
(M.A.C.)

1925
Michigan State College
of Agriculture and
Applied Science (MSC)

1955
Michigan State
University of
Agriculture and
Applied Science
(MSU)

1964
Michigan State
University
(MSU)

A CHRONOLOGY OF SELECTED TOUCHSTONES



1899

The Railroad spur from Trowbridge Junction first brings 3,000 visitors to campus. The excursion trip became an annual event until 1911 and helped the college's image.



1914

U.S. Congress creates the Cooperative Extension System. MSU names its first 11 agricultural agents to take best farming practices to outlying counties around the state. They once used these potato models in demonstrations. Our MSU Extension operates today in every county of our state.



1922

WKAR broadcasts the Founders' Day speech of David Friday, college president. Soon, even those in the Upper Peninsula could tune in for crop reports, weather forecasts, music, and more.

1926

Sportswriter coins the term Spartans to describe the college baseball team. It sticks. Kiss the Aggies goodbye.



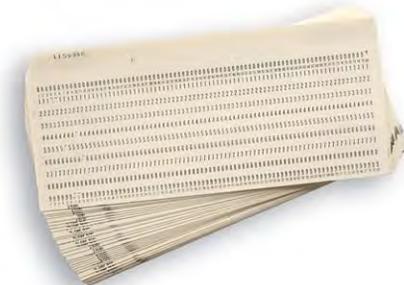
1928

Beaumont Tower adds more new bells. Now, musicians play the carillon bells at a free summer concert series every year.



1932

The State Board of Agriculture honors its member Clark L. Brody, for whom Brody Complex is named, with a gavel carved from one of Old College Hall's salvaged rafters. Symbols of agricultural bounty and engineering achievements are stamped on its seal. The occasion? The university's 75th Anniversary.



1939

Registrar Robert S. Linton introduces perforated IBM enrollment cards.

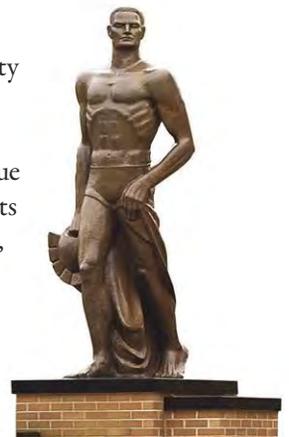


1944

The International Center opens in a refurbished faculty house west of the Union Building.

1945

The university unveils a ceramic Spartan statue sculpted by its art professor, Leonard Jungwirth.



1955

Beaumont Tower and College Hall are memorialized on a 100th anniversary medallion of Michigan State College of Agriculture and Applied Science (MSC), a moniker bestowed in 1925.

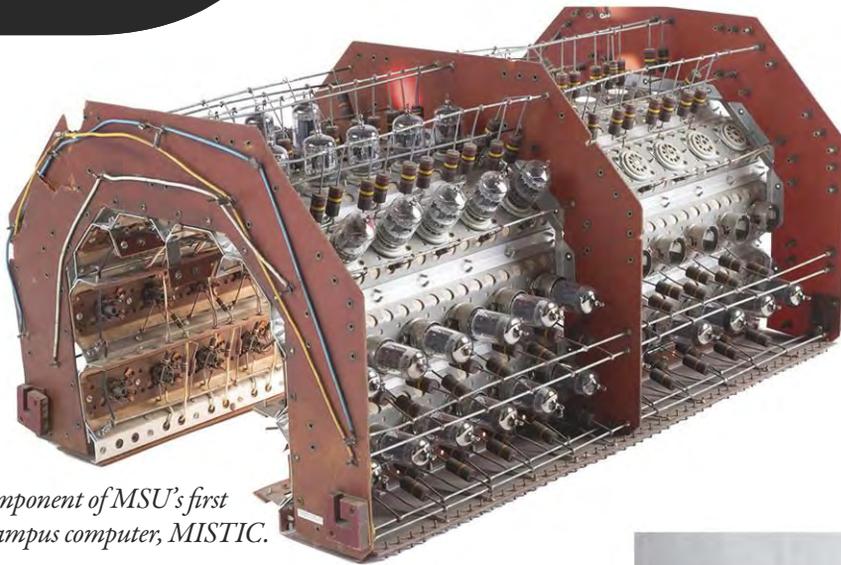
DISCOVERING



Got Milk?

G. Malcolm Trout was credited with helping make homogenized milk feasible in the early 1930s by linking the processes of pasteurization and homogenization in its production. He also worked closely with the dairy industry to develop new processes to make cheeses, yogurt and other products.

~*The New York Times*



A component of MSU's first on-campus computer, MISTIC.

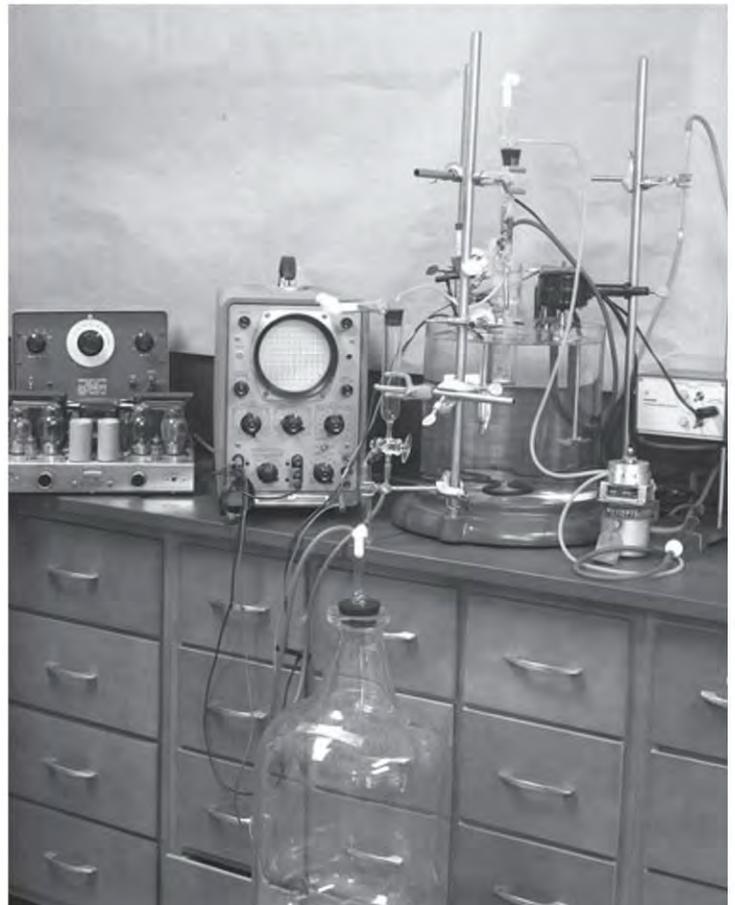
MISTIC

Though most MSU students are bringing laptops and tablets to their lectures, it was only 60 years ago that there was only one computer on campus. MISTIC, the Michigan State Integral Computer, was constructed in 1956 and housed in the still-standing Computer Center. The model filled an entire room on the fifth floor and weighed nearly one ton. Departments from all over campus used MISTIC, which held 5KB of memory.

MSU discoveries span its existence and include everything from hybrid corn to never-before-produced isotopes, from improvements to structural materials to the discovery of cancer-fighting medications, and from better blueberries to methods that combat food-borne illnesses.

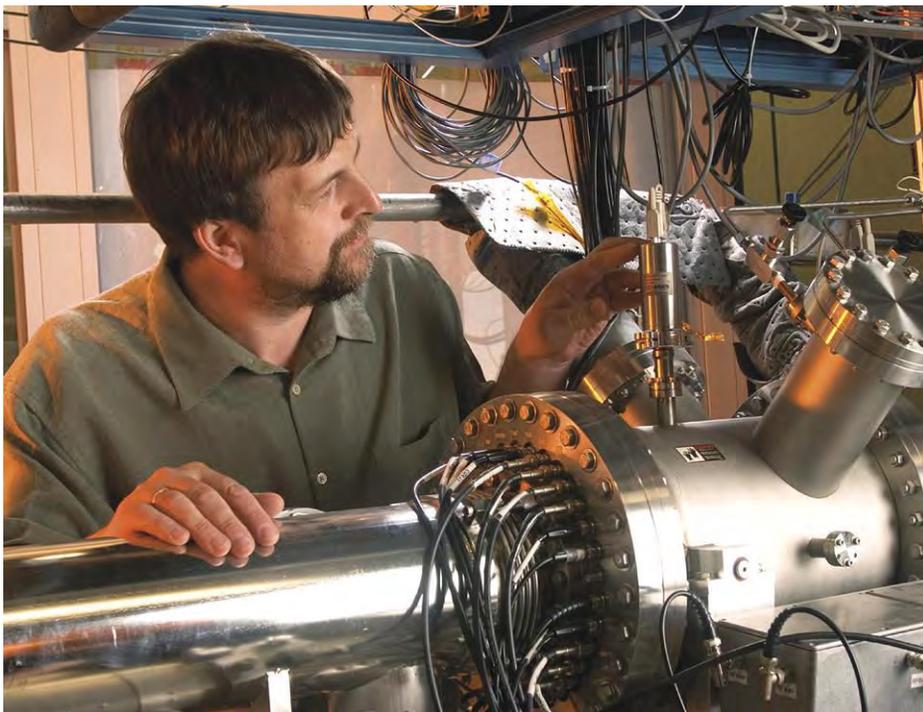
In 2016, external research funding totaled \$589 million. Federal agencies support our research in such areas as energy, agriculture, medicine, defense, international development, and justice.

Professor Barnett Rosenberg worked in this laboratory. He developed a revolutionary chemotherapy drug used to treat a number of different cancers.



“There are three major responsibilities of a land-grant university... be a catalyst for upward mobility for the American dream... respond to society’s needs and shape a forward-leaning intellectual agenda...and marshal our intellect and will (to) ensure our value to society continues to appreciate...”

-MSU President Lou Anna K. Simon



Professor Georg Bollen of MSU’s National Superconducting Cyclotron Laboratory inspects some of the operation’s cutting-edge equipment.

Physics

Our founders never could have imagined the university’s current prowess in the field of nuclear science. It’s exploded on the heels of several earlier faculty researchers.

In 1939, alumnus Lyman J. Briggs was tapped by the federal government to study atomic power. In 1958, Professor Henry Blosser entered the world of nuclear physics research. The first cyclotron on campus was constructed in 1963. A second was established in 1981. All of this paved the way for MSU to become a vanguard in the field of particle acceleration and research. And it’s also home of the top-ranked U.S. nuclear physics graduate program.

Together, these events are being manifested by construction of the first-ever Facility for Rare Isotope Beams (FRIB), to be completed in 2021. FRIB will create the highest intensity beams of rare isotopes available anywhere. MSU scientists and students as well as peers worldwide are expected to make world-changing discoveries in such fields as astrophysics, medicine, industry, and homeland security.

From construction through operation, FRIB is predicted to add \$4.4 billion to the state’s economy.

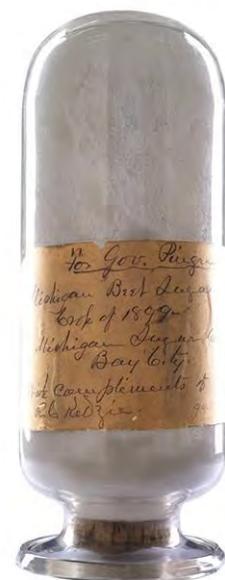
Sugar Beets

Robert C. Kedzie was considered the father of the sugar beet industry. A chemistry professor for nearly 40 years, he had previously earned his medical degree and worked as a Civil War surgeon.

He also served in the State House of Representatives and presided over the American Public Health Association. He presented this bottle of sugar cooked in 1899 from Bay City beets to Michigan Governor Hazen S. Pingree, whose term ran from 1897 to 1900.

His son Frank grew up on Laboratory Row and earned his agriculture degree. He presided over the university from 1915 to 1921. He too helped grow Michigan’s sugar beet industry.

Ransom E. Olds Hall of Engineering (1916), the Union Building (1924), and Beaumont Tower (1929) were constructed during Frank Kedzie’s tenure.



LEARNING



Now, student fashion designers create runway looks as part of their apparel and textile design coursework.



The home economics program included classes in chemistry, physics, medicine, dietetics, and of course, all the practical skills of homemaking.

Hitting the Books

Initially, the college's list of classes fit on a single sheet of paper. Agriculture and mechanical engineering courses were open to men. The women's courses included sewing, horticulture, and nutrition education.

My how times have changed. Today's student body is close to half female and half male. And collegians from 133 nations annually study here with their American peers.

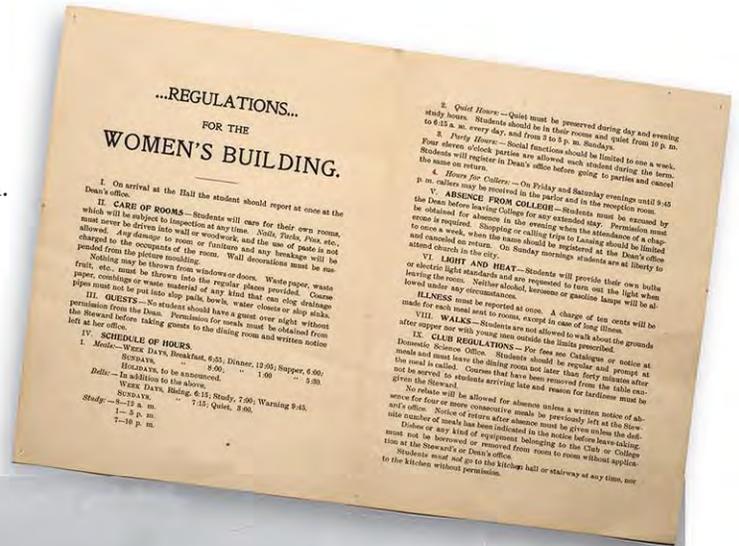
The university boasts 17 degree-granting colleges. Together, they offer more than 200 programs of undergraduate, graduate, and professional degrees.

Twenty-five undergraduate and graduate programs are ranked in the top 20 nationally by *U.S. News & World Report*. Of those, eight are at #1.

Enrollment this year totals 50,344. The East Lansing campus spans 5,200 acres. In all, 545 buildings, of which 103 are for academic and instructional purposes, fill in the core campus.

IVING

For Women
It was up by 6:15 a.m. on weekdays and quiet by 10 p.m. The parlor or reception room were the only areas in which male guests were allowed.



Domiciles

The male-only Saints' Rest—the first on-campus boarding hall—opened in 1857. Four students bunked in each of the 28 rooms, heated by small wood stoves. A kitchen, laundry, and community wash room occupied the basement. A dining room and parlor were situated on the second floor. It would be 1896 before women lived on campus in Abbot Hall.

With the end of World War II, returning soldiers and their families flocked to MSU thanks to the GI Bill. President John Hannah arranged for 104 Quonset huts to be set on 30 acres that once housed a poultry plant. Some of the huts housed up to 14 men. Several larger huts did duty as cafeterias.

In our barracks apartment "...there was a hole big enough for a chair leg to go through...another time our Christmas tree froze inside our living room."

Elizabeth (Hall) Tuttle, Class of 1951



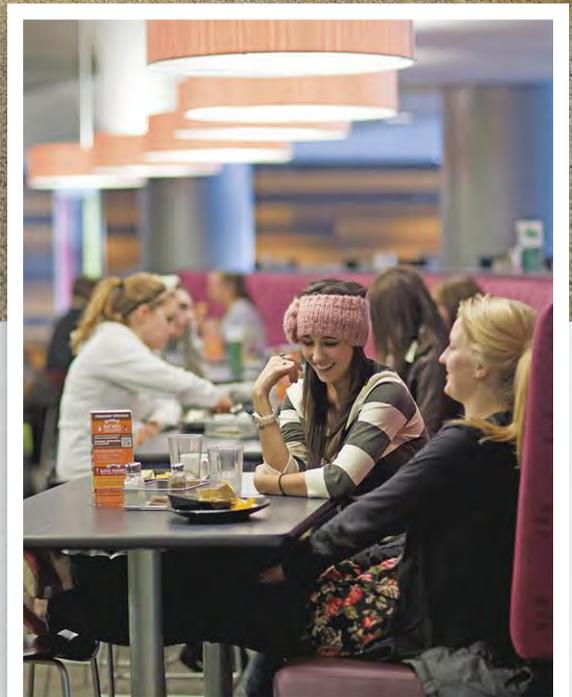
Student Laurence “Larry” Hardy carried this suitcase and hitchhiked to Florida on spring break in the late 1930s or early 1940s. Hardy and his luggage were hit by a car during the trip. That explains the battered metal luggage. Hardy served as editor of the State News and became a 2nd Lt. in a field artillery battalion during World War II.



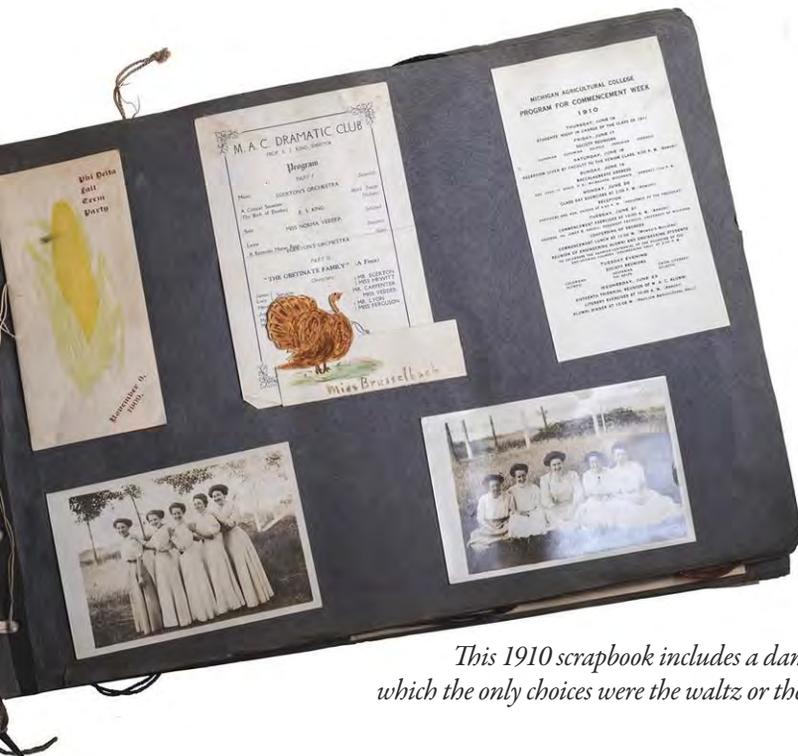
Comforts of Home

Twenty-seven residence halls clustered in five separate neighborhoods are situated across campus. This fall, 1855 Place, newly constructed student and family apartments and townhouses, will join the MSU-operated housing options.

Nine residential dining halls feature contemporary furnishings. Menus include award-winning dishes like vegetarian options, comfort food, burgers, salads, desserts, international cuisine, pizza, sandwiches, and breakfast items. Oh, don't forget the sushi.



SOCIALIZING



This 1910 scrapbook includes a dance card in which the only choices were the waltz or the two-step.

The Great Gatsby would have felt right at home at this MSC J-Hop at the Hotel Olds in Lansing on March 2, 1928.

Leisure

The Water Carnival, May Morning Sings, J-Hop dances, Cokes and coffee in the Union Grill, and concerts in the Auditorium.

Fast forward to cosmic bowling, country and rap music concerts, club sports, and more.

MSU today boasts 700 student organizations, a sailing center, craft nights, courts for basketball and volleyball, beautiful bike trails across campus, and much more.

MSU understands that for students to grow into well-rounded individuals they must learn how to positively interact with other people and within groups. The hard part for students now is whittling down their choices.



“The MSU dances were amazing. We danced to Tommy Dorsey, Ray Anthony, and other great bandleaders to songs like *Ebb Tide*, *At Last*, *September Song*, and so many others.”

- Jane Louise Burnham Haynes, Class of 1954

Students today also socialize on all sorts of digital devices.



Friends for Life

Sorority sisters enjoy one another's company. The fashions and a 45 RPM record suggest this photo was taken in the 1950s.

The Greek community has been part of campus life since 1872. There are a total of 63 fraternities and sororities governed by four councils.

Class Rivalry

The 1912 sophomore men vowed to extract blood from freshmen in the Red Cedar during a long-held fall ritual—a fierce tug of war waged from the river's banks.



BECOMING

“The sensations that abound across campus are reminders of the people, places, events, and attitudes that contributed to the extraordinary individuals we have become.”

-W. Scott Westerman III
Executive Director
MSU Alumni Association



Demonstration Hall is packed for the 1947 commencement.

Diploma

Andrew Brace Goodwin received a bachelor’s degree in agriculture at the then-State Agricultural College on Aug. 14, 1888.

Professor W.J. Beal—the first botanist to hybridize corn and whose namesake campus gardens still thrive today—and members of the State Board of Agriculture are among the signatories.

Soon-to-be Alumni

Green is more than just a school color. It's symbolic in a Spartan's life. Did you know that graduates' diplomas are now made from recycled paper, their caps from a recycled 20-ounce plastic bottle and that a dozen such bottles go into creating every robe?

Spartans will put their regalia away after their commencement ceremonies. Nevertheless, regardless of where life takes them after graduation, Spartans share a life-long bond. And they join a network that is more than 550,000 strong.

Their mantra? Spartans Will.



The Kedzie Cane

President Frank Kedzie donated his father's cane, carved from Mexican coffee wood, to the fledgling M.A.C. Association in 1929. For generations, it was awarded ceremoniously to the oldest living male and female alumni who attended their 50th class reunion, now called Alumni University.

Awards have taken the place of the cane.

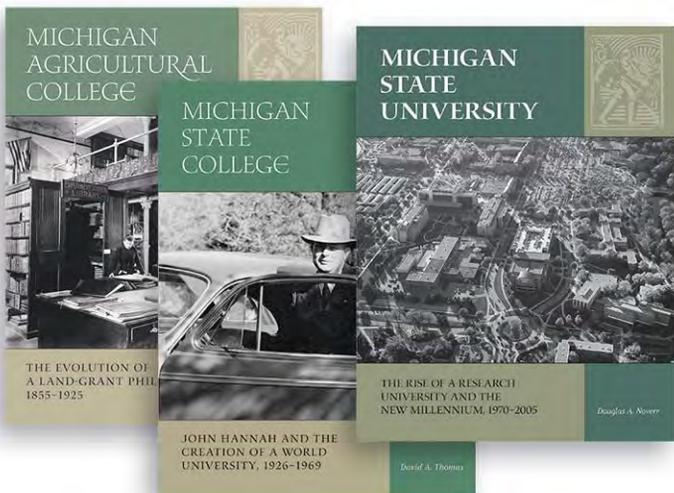


Man's Class Ring 2017

Spartan class rings are placed inside Beaumont Tower and guarded overnight. The following afternoon, Sparty and members of the Spartan Marching Band Drumline lead the Ring March from the Spartan Statue, down beautiful West Circle Drive to Beaumont Tower.



Woman's Class Ring M.A.C., early 1900s



MSU Press

Extra! Extra! Read More About It

The MSU Press has published a trilogy of university history books. As a set, they cover events and backstories and little seen historic photographs, from 1855 to 2005.

For details on the books, which may also be purchased individually, call (517) 355-9543.



msupress.msu.edu





Courtesy University Archives and Historical Collections

ROCK OF AGES

Our original icon. Delivered and buried eons ago by melting glaciers, the stone, as it was first known, was freed from its earthen tomb in the early 1870s by students who dug it up from what is now the intersection of Michigan and Grand River avenues. In the 1907 photo, left, are alumni from the Class of 1873, which donated the rock to MSU as its senior gift.

The original 18,000-pound boulder was hauled by a team of oxen to its initial resting place, known as the “sacred spot” in a grove of trees—close to where Beaumont Tower is now. In the 1940s and 1950s, it became known as as “engagement rock” where couples became betrothed.

In 1977, it spent one day outside the university public safety building. After a campus uproar, it was returned to its longheld location.

Then in 1985, it found its new home along Farm Lane, where it stands as an inviting billboard.

Moved to its current location in 1985, the rock is a billboard for messages painted countless times by students and others.

“The Rock is still as popular as ever, more in the middle of campus and the rest is history.”

- MSU's Rocky Beckett, who as a student government leader oversaw the rock's move in 1985





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MACHU PICCHU & THE GALAPAGOS ISLANDS

November 25-December 6, 2017

alumni.msu.edu/travel

They rank as two of South America's greatest treasures, the enigmatic ruins at Machu Picchu and the fascinating Galapagos Islands. Cruise aboard an intimate privately chartered ship and begin a full day in Lima, including a visit to the Mali Art Museum. Fly to Cuzco, the archaeological hub of the Americas and South America's oldest continuously inhabited city. Acclimate to the high altitude while touring the beautiful Sacred Valley. Spend a night at the Machu Picchu Sanctuary Lodge with private access to the ruins. Travel to the Galapagos Islands and board an intimate, privately chartered ship to cruise Darwin's "living laboratory." Enjoy a myriad of opportunities to get up close to the Galapagos wildlife on guided nature walks and while swimming and snorkeling. Visit a private farm on Santa Cruz Island to observe giant tortoises. The tour concludes in Quito.



The Thomas Edison of Baseball

*Big league grads share tales
of legendary coach Danny Litwhiler*

by Richard Johnson

Kirk “Gibby”

Gibson was big and speedy, a star wide receiver for Michigan State football in the late 1970s. His sole focus was on playing in the NFL, and he was plenty good enough to do it.

But after three seasons, football Coach Darryl Rogers asked if he was interested in trying out for Spartan baseball, coached by former Major Leaguer Danny Litwhiler.

Gibson was reluctant, but his father loved baseball and was always putting a bug in his ear to take it up. “I didn’t know it was an option to play both sports,” Gibson said in a December phone interview. “I asked Coach Rogers about missing spring football practice and he said, ‘You know all of the stuff; you don’t need to be there.’”

So in 1978, Gibby decided to give Spartan baseball a shot. He got off to promising start—but in Big 10 play he struggled with the pitching.

He was thinking about quitting. “I missed football. Baseball was too frustrating. Danny said, ‘Let me give you 10 reasons why you should not give up baseball.’ He sat me down and we talked for about a half-hour. In the next game I hit two home runs and I hit a home run in the game after that.”

Nice start. Followed by a nice finish. Gibson went on to become one of the greatest baseball players of his generation, leading the Detroit Tigers to their last championship in 1984 and walloping what might be the single most famous home

run of the past 50 years for the L.A. Dodgers in the 1988 World Series.

‘A Spartan Trilogy’

Gibson’s tale is just one of many stories about Litwhiler.

MSU’s head coach from 1964 to 1982, Litwhiler is the university’s all-time winningest baseball coach, with a record of 488-362 and two Big Ten titles. His purest delight came from preparing athletes for professional careers—and inventing myriad drills, devices, and training tools to help them succeed.

Litwhiler had always been a teacher. He’d spent 11 years as an outfielder with the Philadelphia Phillies, St. Louis Cardinals, Boston Braves, and Cincinnati Reds. Experts considered him the game’s consummate idea man, a veritable Thomas Edison in spikes, who regularly came up with new ways to coax his players to excel.

During his 18-year span at MSU and his previous nine seasons as a coach at Florida State, more than 100 of Litwhiler’s players signed pro contracts. Many of them made it to the majors. Among the Spartans who enjoyed long careers in the big leagues were Gibson, Steve Garvey, Mike Marshall, Tim Birtsas, Rick Miller, Dick Billings, and Ron Pruitt.

Litwhiler savored his players’ successes. One high point came in Game Two of the 1974 World Series. In the top of the ninth, Mike Marshall (1960-1965) entered the game in relief for the Dodgers, called



MICHIGAN STATE UNIVERSITY
DANNY LITWHILER

The Litwhiler Fly Swatter was a catcher's mitt without a pocket to help infielders snag baseballs.



“Let me give you 10 reasons not to give up...”

game in relief for the Dodgers, called upon to protect a one-run lead over the Oakland Athletics. Playing first base for L.A. was Garvey (1965-1968), the National League MVP that year.

After Marshall struck out one batter, the A's manager put in a pinch runner—none other than former Michigan State track star Herb Washington (1969-1972), whom Litwhiler had tutored in the art of base stealing.

It was a crucial moment in a huge game. Litwhiler is said to have popped with pride as Marshall whirled toward first and picked Washington off the bag, Garvey neatly applying the tag.

“I remember they made a baseball card out of that play,” Garvey said.

“It shows me tagging Herb, and I think you can see Mike in the background. It was a true Spartan trilogy.”

In his autobiography, *Living The Baseball Dream*, Litwhiler called that moment “the ultimate dream of a college baseball coach.”

A Scientific Mind

In the off-season, Litwhiler worked as a high school science teacher, and he brought a practical approach—even a scientific method—to his sport.

He's famous for lacing the baseball glove's fingers together with rawhide straps—changing forever how baseballs are snared. As a player, Litwhiler racked up solid statistics.

His reputation—untypical for the baseball of his era—was that of a working-man's scholar.

After retiring in 1951, he worked as a coach and minor league manager, and then as the Florida State coach.

When John Kobs stepped down as MSU's baseball coach following the 1963 season, Athletic Director Biggie Munn offered the position to Robin Roberts, a Hall-of-Famer and former Spartan star. Roberts told Munn that he really should hire a former teammate on the Phillies, Danny Litwhiler.

While upgrading facilities for players, Litwhiler developed a long list of novel drills and training methods, from a way for pitchers to increase thrust in the fastball by practicing with extra-heavy baseballs, to a three-pronged batting tee to help hitters perfect their stroke.

Perhaps Litwhiler's most famous invention was a radar device that measured the speed of pitches.

In 1974 Litwhiler spotted an article in the *State News* about a new gadget that campus police were using to catch speeders. A light bulb popped in his head—and using the radar gun is now as much a part of baseball as peanuts and Cracker Jack.

He also came up with Diamond Grit, which uses calcined clay to dry baseball fields after rain. And Diamond Dust, a dirt and clay concoction that Litwhiler co-developed, absorbs water from wet baseballs.

Another famous Litwhiler creation, the “Lit-Picker,” makes quick work of gathering up loose balls on the ground.

The unbreakable 650-pound Herculite mirror allowed pitchers to throw directly at it and observe their technique.



On-the-field strategy was another area of experimentation. Early on, Litwhiler started used a different pitcher in each inning—on the theory that a pitcher is most effective when facing a batter for the first time in a game.

Preparing for the Pros

Steve Garvey may have been Litwhiler's best player, a stalwart in 1967 and 1968. Garvey was inducted into MSU's Athletics Hall of Fame in 2010. His home runs, Litwhiler wrote, were "the towering kind, hit long and deep."

After becoming All-American in his sophomore season, Garvey built a splendid 19-year major league career.

Today, he gives much of the credit to Litwhiler. "He was a very good pro-preparation coach," Garvey said. "He allowed us to play baseball more in the

professional baseball approach. A lot of colleges did a lot of bunting and moving guys over and taking the first two pitches and all that. But Danny's approach was, 'How can I develop this young player so that he has a chance to become a professional?'"

Litwhiler expected maturity of his players

"One of the most important things as a coach he did," Garvey said, "was let you become a young man and take responsibility for being at the school, being on scholarship and representing the school. He tried to make it a great experience for you.

"That's why I love the branding of 'Spartans Will.' I think it is one of the great collegiate logos now. Danny was a real believer in doing things together."

'He Had a Way of Convincing You'

For Kirk Gibson, that one season of baseball under Litwhiler's tutelage changed his life. "Danny was very innovative, whether it was inventing things like the radar gun or shaping my career," Gibson said. "And he was very innovative in the way he talked to you. He had a way of convincing you."

Indeed, he says, it was a method of communication unlike that of any other coach or manager he had played for. "When he told you to do something he also told you why."

Gibson would never forget the life lessons he learned from Litwhiler in all his years of success and triumph as a professional player and then manager.

Pondering all Litwhiler had done for him, he quietly said, "I'm very grateful."

Litwhiler died in 2011 and would have turned 100 last August.



*Kirk Gibson
Spring 2017
Convocation
Speaker*

10 Great Inventions from the Mind of Danny Litwhiler

Throughout a long career as a major league player and college baseball coach, Danny Litwhiler was responsible for a torrent of inventions and ideas—especially during his 18 years as MSU’s head coach. Here’s a sampling of his creations:

JUGS Gun

The device used to measure the velocity of pitches was invented in 1974 after Litwhiler read a story in the *State News* about campus police using radar to catch speeders. It has been a fixture in baseball ever since.

Diamond Grit

Invented in 1957, the product uses calcined clay to quickly dry a rain-soaked baseball field.

Diamond Dust

Made from a mix of dirt and clay, the substance dries wet baseballs and footballs when it is rubbed into them.

Unbreakable Mirror

The 650-pound, 5-by-3-foot Herculite mirror allowed pitchers to throw directly at it and observe their own technique in the process.

Weighted baseballs

Litwhiler had a sporting goods manufacturer produce balls of various weights, with different colors for each weight. He then developed a training regimen using the heavier balls to improve pitchers’ arm speed.

Cutaway bat

To encourage the proper bunting technique, Litwhiler in 1957 cut the top and bottom sections away from the bat’s trademark, forcing hitters to properly use the good wood when laying one down.



“Litwhiler Fly Swatter”

Essentially a catcher’s mitt with no pocket, the “fly swatter” taught infielders to give with the ball when fielding.

Multi-player batting cage

Frustrated because only one player at a time could use MSU’s batting cage, Litwhiler divided it into five cages. Pitchers would throw from outside the cage through 3-by-5 holes cut into one side. Five hitters could swing away at the same time.

“Lit-Picker”

To quickly gather baseballs strewn on the ground, Litwhiler took a plastic pipe 5 inches in diameter and 5 feet long and taped pieces of rubber to the inside of it. Then he pushed balls laying on the ground into the pipe. The pipe could gobble up and hold 20 baseballs.

Triple batting tee

A three-pronged tee held one baseball on the outside of the plate, one in the middle and one on the inside. The idea was to teach hitters to make good contact in all areas of the strike zone and to learn to drive the ball up the middle.



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Sparrow Spartan Spotlight



Sparrow mobile health clinic takes services right to where they're needed

Back for another great run, Sparrow is again partnering with the Ingham County Health Department and Dean Transportation to provide the Lansing-area's only Mobile Health Clinic.

The mobile clinic offers free basic health services to residents in low-income locations. Four areas were visited last year, with two more locations being added in 2017. Each site is expected to be visited three times over the course of the year. The clinic is open to everyone, and offers adult and childhood immunizations, flu shots, education, referrals, diabetes checks, and many types of screenings. The clinic reflects Sparrow's mission to improve the health of the people in our communities by providing quality, compassionate care to everyone, every time.

"The Mobile Health Clinic concept is part of Sparrow's outreach commitment to the community," said Sparrow Vice President

of Development and Strategic Partnerships Stella Cash, who previously served as the Interim Executive Director of the MSU Alumni Association as well as the Director of the Dietetics Program at MSU. "Knowing that it is difficult for some to access healthcare, this outreach effort brings healthcare to the people."

The clinic is staffed by trained medical personnel and wellness specialists. All services delivered at the mobile clinic will become part of the Patient's electronic medical record, which connects Patients' current visits to any previous visit they've had at Sparrow and the Ingham County Health Department.

For more information on the Mobile Health Clinic go to: Sparrow.org/MobileClinic

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SLAM DUNK

MSU sports photographer Matthew Mitchell shares one of his favorite shots from the men's basketball season. Freshman Miles Bridges' feats brought smiles to even some opposing coaches. He also brought smiles to the Spartan Nation with his decision to stay at MSU.



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A photograph of two women sitting at a desk in a gaming lab. They are both holding white video game controllers. The woman on the right is pointing at a large monitor displaying a game scene. The woman on the left has her hand on her head. The room is dimly lit with blue and purple ambient lighting. The text 'IN OUR VIDEO GAME LABS SPARTANS ARE PLAYING WITH PURPOSE' is overlaid on the image in white, bold, sans-serif font.

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Reserve a room in advance, or just walk into the Digital & Multimedia Center where you can borrow from our expansive catalog or hook up your own gear to our 4k display.

Games can be surprisingly academic. Ours have facilitated research in gender and dominance, user design, and media format crossover. But these examples are just the beginning! Whether your interest is in the games themselves, the players, or even the original packaging that accompanies each of more than 17,000 items, MSU Libraries' Gaming Collection and Video Game Labs are here for you.

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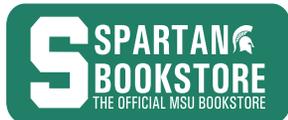
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1950s

ERWIN P. ZEITER

'56 (ENGINEERING) has published a management book entitled *Creating a Productive Environment/Workforce for the 21st Century*.

1960s

THOMAS F. MCGUANE

'62 (ARTS AND LETTERS) has received the 2017 Heritage Award from the American Museum of Fly Fishing.

RICHARD J. WISEMAN, PhD '62, (SOCIAL SCIENCE) has written *Riverview Hospital For Children and Youth: A Culture of Promise*, a book about his personal experience as a child psychologist.

DR. LAWRENCE H. BRICKMAN

'65 (NATURAL SCIENCE) has been named a clinical associate professor of surgery and director of clinical education in surgery at Florida Atlantic University.

DR. LINDA C. STONE

'65 (COMMUNICATION ARTS AND SCIENCES) has received the AMA Foundation's 2016 Isaac Hays, M.D. and John Bell M.D. Award For Leadership in Medical Ethics and Professionalism.

JERRY L. JOHNS

MA '66, PhD '70 (BOTH IN EDUCATION) has been recognized with a High Impact Philanthropy Award from the Northern Illinois University Foundation.

JAMES R. MCCLAIN

MBA '68 (BUSINESS) has published *Strategy Demystified*, a business development book.

1970s

ELLEN L. ROHDE

'73 (EDUCATION) has received Pi Beta Phi Fraternity for Women's prestigious Carolyn Helman Lichtenberg Crest Award for her professional achievements.

MICHAEL A. EMMENECKER

'74 (ENGINEERING) has been inducted into the Michigan Construction Hall of Fame at Ferris State University and previously served as Chairman of the Board of the Historical Society of Saginaw County.

JENNIFER S. LANE

'77 (JUSTIN MORRILL COLLEGE) has been named an Outstanding Leader in Arts Education at Montgomery County Public Schools in Maryland.

W. RANDY STRAND

'78 (EDUCATION) has been named North Central Division manager for Heaven Hill Brands.

NANCY D. MACCREERY

'79 (AGRICULTURE AND NATURAL RESOURCES, HONORS COLLEGE), MBA '84 (BUSINESS) has published the third book in her *Scoops and Schemes* series on Amazon.

1980s

FRANCIS A. LUTTMER

'81 (COMMUNICATION ARTS AND SCIENCES) has been named director of operations at NL Group.

MICHAEL W. ALLMAN

'82 (ENGINEERING) has joined the Delta Energy & Communications' board of directors.

RANDALL R. RUPP

'82 (BUSINESS) has been named CEO of Rehmann Accounting LLC.

ROBIN D. FERRIBY

'83 (SOCIAL SCIENCE) has been selected as a Distinguished Scholar in Residence at the University of Arkansas Clinton School of Public Service.

CHERYL F. ZUELLIG

'84 (AGRICULTURE AND NATURAL RESOURCES) has been named vice president of SmithGroupJJR's Detroit office.

ANNE P. KHADEMIAN

'85 (SOCIAL SCIENCE) has been elected to the board of directors at the National Academy of Public Administration.

JONATHAN K. JAMES

'86 (COMMUNICATION ARTS AND SCIENCES) was recently named chief marketing officer of CompuCom, a global IT infrastructure solutions firm.

MARY L. KELPINSKI

'86, '87 (BOTH IN AGRICULTURE AND NATURAL RESOURCES) has been named the first female CEO of the Michigan Pork Producers Association.

KATHERINE C. GALVIN

'89 (ARTS AND LETTERS) has been named director of programs for the Big Ten Academic Alliance.

1990s

THOMAS C. FISHER

'90, MS '97 (BOTH IN AGRICULTURE AND NATURAL RESOURCES) has been promoted to the rank of Brigadier General in the Utah Army National Guard.

CHERI N. COLLINS WIDEMAN

'90 (AGRICULTURE AND NATURAL RESOURCES, HONORS COLLEGE) has been named director of Human Resources at Pacific Northwest National Laboratory.

JON J. LYNCH

'91 (SOCIAL SCIENCE) has been recognized as

the 2016 Outstanding Community Administrator by the Michigan Association of Planning.

PATRICIA L. HERNDON

'92 (SOCIAL SCIENCE) has been named senior vice president of government relations for the Michigan Bankers Association.

NANCY J. STEVENS

'92 (SOCIAL SCIENCE, HONORS COLLEGE) has been named a 2016 Ohio University Presidential Research Scholar.

CRAIG B. NABAT

'93 (SOCIAL SCIENCE) has invented an FDA-cleared laser hair therapy device for his company, Freedom Laser Therapy, in Los Angeles.

ERIK W. QUALMAN

'94 (BUSINESS) has published his book, *How to Sell on LinkedIn - 30 tips in 30 days*.

GEOFFREY M. JOHNS

'95 (COMMUNICATION ARTS AND SCIENCES) has been named president and chief creative officer of DC Entertainment.





AZURELY R. KERR

'98 (SOCIAL SCIENCE) has been named to Business Insurance's list of "Women to Watch."

PATRICK D. RADABAUGH

MS '98 (ENGINEERING) has been named a senior associate at Dewberry law firm in Denver.

O. RICHARD BUNDY

MBA '99 (BUSINESS) has been named vice president for Development and Alumni Relations at Penn State University.

2000s

GREGORY W. WRIGHT, '00, PhD '07

(BOTH IN ARTS AND LETTERS) has published a comic book series based on the television show *Holliston*.

JENNIFER M. KEANE

'01 (BUSINESS) has been chosen as a development director within the Office of Advancement at Park University.

BRADLEY J. HITTLE

'02 (ENGINEERING) was recently promoted to president and CEO of American Rheinmetall Systems.

CHANDANKUMAR K. REDDY,

MS '03 (ENGINEERING) has been appointed an associate professor of Computer Science in the College of Engineering at Virginia Tech.

VANESSA A. SHAY,

'03 (COMMUNICATION ARTS AND SCIENCES) has been named vice president of global partnerships for AEG at the Staples Center.

LINDSAY E. WALTERS

'04 (ARTS AND LETTERS) has been named director of organizational development at LAFCU.

ADAM L. PILCHAK

'05 (ENGINEERING) has been named a recipient of the Presidential Early Career Award for Scientists and Engineers.

FRANCIS TOBIENNE JR.

'05 (ARTS AND LETTERS) has published a pair of literary scholarship books in 2016.

MICHAEL C. LALA

'09 (ARTS AND LETTERS) has won the Colorado Prize for Poetry for his recently published volume of poetry, *Exit Theater*.

2010s

ALEXANDRA N. CLARK

'10 (BUSINESS) has been named to *Forbes*' "30 Under 30" in the food and wine category.

NICHOLAS A. DARMANIN

'11, MS '12 (BOTH IN BUSINESS) has been promoted to senior staff accountant at UHY LLP.

MATHEW TYLER OAKLEY

'11 (COMMUNICATION ARTS AND SCIENCES) has signed a deal with Ellen DeGeneres to create his own digital talk show.

MICHAEL J. ALLON

'12 (ENGINEERING) has co-founded MySwimPro, named Best Watch App of the Year by Apple.

ASHLEIGH M. ARTIST

'14 (COMMUNICATION ARTS AND SCIENCES) has been promoted to an account executive at Stratacomm LLC.

KORY S. KLEIN

'14, MS '15 (BOTH IN BUSINESS) has been promoted to senior staff accountant at UHY LLP.

ESSENCE D. WILSON

MS '15 (BUSINESS) has been awarded the Claire M. White award from the Flint & Genesee Chamber of Commerce.



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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The diploma frame shows a diploma from Michigan State University for Jordan Thompson, dated August 19, 2014. The diploma is signed by the President and the Registrar.



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

1930s

RUTH L. (STARKE) BURKHEAD, '38, of Bradenton Beach, FL, Aug. 7, age 100
HOWARD W. FOX, '39, of Stillwater, OK, Sep. 24, age 100
HELEN M. MAYNARD, '39, of Seattle, WA, Aug. 3, age 99
LAWRENCE SILVERMAN, '39, of West Bloomfield, Jul. 28, age 100

1940s

IDA A. (ALTMAN) HUNT, '40, of Vineland, NJ, Sep. 27, age 98
MARION V. (BANKS) METCALF, '40, of Grand Rapids, Oct. 2, age 98
KENNETH D. CARL, '49, of Williamston
EUGENE W. KELLEY, '41, of Kokomo, IN, Sep. 1, age 94
PHYLLIS J. (LAUBSCHER) AMMONS, '42, of Virginia Beach, VA, Sep. 3
STANLEY M. BRANDT, '42, of Sebring, FL, Jul. 28, age 95
MARY LOUISE MILLER, '42, of Burton, Sep. 10, age 96
BRUCE C. NASH, '42, of Stuart, FL, Aug. 30, age 97
CLARA E. (CHRISTENSEN) JOHNSON, '43, of Williamston, Aug. 10, age 94
BYRON A. JOHNSON, '43, of Battle Creek, Oct. 6, age 95
LILLIAN L. (CHRISTIE) MORTS, '43, of Waterford, Aug. 30
PHYLLIS J. (GLIDDEN) RODENHOUSE, '43, of Wyoming, Jan. 5, age 94
MARGARET J. (HOLLAND) WEBER, '43, of Saint Joseph, Oct. 10, age 95
MARIE E. (COULTER COOKE) COULTER COFFIN, '44, of Oakland, CA, Jun. 8, age 94
LOIS J. (HOTTE) RYAN, '44, of Royal Oak, Sep. 20
MARY J. (GUCHESS) COOK, '45, of Big Rapids, Jun. 20
MARY S. (OUELLETTE) DEPUYDT, '45, of Gladstone, Mar. 23, age 91
EMMA L. (BURKLUND) SANFORD, '45, of Dallas, TX, Sep. 2, age 93
CHARLES W. LENTZ, '46, of Midland, Sep. 1
JEAN A. (HALL) PARLIN, '46, of Kankakee, IL, Jul. 25, age 92
M. JOYCE SEYMOUR, '46, of Cincinnati, OH, Sep. 30

RUSSELL H. CRAFTS, '47, of Davison, Aug. 20, age 93
LOIS ANN A. (WILSON) HATCH, '47, of Apo New York, NY, Aug. 29, age 90
MARION J. (PARKER) MAURER, '47, of Grosse Pointe Park, Aug. 21
NINA W. (HOLMES) MOLLHAGEN, '47, of Kalamazoo, Aug. 10, age 91
BONNIE R. (JOHNSON) PACKER, '47, of Aurora, IL, Oct. 8
MARTIN J. SKINNER, '47, of Harriman, TN, Oct. 12, age 93
GLORIA M. (OSTER) UNDERWOOD, '47, of Oshkosh, WI, May. 11
PATRICIA M. (CRANE) CLEMMER, '48, of Minneapolis, MN, Sep. 23, age 90
JOHN A. FOSTER, '48, of Columbus, OH, Oct. 13, age 90
JOANN R. (ROHDE) KISTLER, '48, of East Lansing, Sep. 17, age 89
GERALDINE (JOHNSON) MACLEOD, '48, of Winter Park, FL
RICHARD L. MINEWEEASER, '48, of Scottsdale, AZ, Aug. 1, age 91
IRENE J. (ROCK) HIEBER, '49, of Ann Arbor, Oct. 3, age 88
ROBERT I. HODGSON, '49, of Milwaukee, WI, Oct. 12, age 90
JOSEPH W. HORNESS, '49, of Spring Lake, Sep. 11, age 89
GLENN G. LORCH, '49, of Seattle, WA, Aug. 18, age 89
AUSTIN J. NORTON, '49, of Chelsea, Jul. 31, age 92
ROBERT L. VANDERSORS, '49, of Marysville, Aug. 20, age 91

1950s

WAYNE P. BLAKESLEE, '50, of Rockford, Aug. 6, age 88
JACK L. BORST, '50, of East Lansing, Jul. 31, age 87
LOU W. CELMER, '50, of Sterling Heights, Sep. 19, age 92
CARL L. CHRISTENSEN, '50, of Grand Blanc, Jul. 27, age 89
THOMAS O. DOYLE, '50, of Mankato, MN, Sep. 22, age 88
RUDOLPH H. ELLINGER, '50, of Kalamazoo, Sep. 1, age 96
BYRON E. ELLIS, '50, of Indianapolis, IN, Aug. 19, age 91
RICHARD H. GOODALE, '50, of East Tawas, Sep. 4, age 97
JAMES M. HERRICK, '50, of San Diego, CA, Aug. 10, age 89
RAY A. HUNTER, '50, of Southgate, Jul. 24, age 91

RUDOLPH H. JANSAS, '50, of Fernandina Beach, FL, Aug. 24, age 91
JOHN A. MCCANDLESS, '50, of Midland, Aug. 23, age 87
ALBERT MCGOVERN, '50, of Tarpon Springs, FL, Sep. 4, age 88
LEO A. MILLIGAN, '50, of Syracuse, UT, Jun. 21, age 93
JACK E. MORNINGSTAR, '50, of Portland, OR, Oct. 7
JAMES L. MYERS, '50, of Big Rapids, Aug. 7, age 93
GEORGE B. PHILLIPS, '50, of Lansing, Aug. 22, age 91
FRANK M. POLASKY, '50, of Rochester, Sep. 18, age 89
KENNETH R. ROBINSON, '50, of Lexington, KY, Sep. 26, age 94
RICHARD D. TEREPIIN, '50, of Rochester, Apr. 2, age 90
MARY E. (MELLENCAMP) WELLING, '50, of Grand Rapids, Sep. 23, age 87
EDWIN D. WHARTON, '50, of Oak Brook, IL, Aug. 2, age 92
ELIZABETH J. (SQUIRES) ZIMMERMAN, '50, of Redford, Oct. 21, age 89
MARY L. BARRETT, '51, of Saint Paul, MN, Oct. 10, age 86
WALTER S. CHMIELEWSKI, '51, of Madison, WI, Sep. 1, age 88
ROBERT J. HOFFMANN, '51, of Northville, Aug. 22
CYNTHIA J. (WAITES) HOLMES, '51, of Godfrey, IL, Jul. 19, age 86
GEORGE W. IRVINE, '51, of Cadillac, May. 13, age 89
RICHARD N. KELLNER, '51, of Charleston, SC
VIRGINIA E. (BENSON) MEZYNSKI, '51, of Temple, TX, Jun. 12, age 93
HILDEGARDE C. (IVERSON) MONTGOMERY, '51, of Battle Creek, Jul. 31, age 85
ROBERT G. SHIPMAN, '51, of Colleyville, TX, Sep. 3, age 96
LOREN S. DRURY, '52, of Wooster, OH, Sep. 14, age 91
BARBARA M. (CRANSTON) GRANAT, '52, of Wayne, PA, Aug. 15, age 86
STEVE KOSTECK, '52, of Tucson, AZ, Sep. 9, age 86
RICHARD D. KUHN, '52, of Waterford, Oct. 6, age 86
NORMA G. (KINSER) LAWRIE, '52, of Bingham Farms, Oct. 20, age 85
THOMAS J. MCCANN, '52, of Des Moines, WA

CHARLES A. OWEN, '52, of Virginia Beach, VA, Aug. 19, age 92
RUTHANN A. (HODGKINS) POWERS, '52, of Decatur, IL, Jul. 30, age 86
KARL E. PREGITZER, '52, of Onaway, Aug. 13, age 81
CLARA M. (GORDON) WHITING, '52, of Bloomfield Hills, Oct. 13, age 86
DARLD T. BLACK, '53, of Spring Lake, Oct. 6, age 87
CONRAD F. BUCK, '53, of Walpole, MA, Aug. 14, age 87
WARREN J. EDING, '53, of San Diego, CA, Aug. 13, age 90
FRANK G. HODGES, '53, of Escondido, CA, Aug. 22, age 84
SALLY A. (HARRISON HOLDS), '53, of Castroville, TX, Aug. 12
ULRIC S. LINDHOLM, '53, of San Antonio, TX, Oct. 18, age 85
MALCOLM R. MALCOMSON, '53, of Hubbardston, MA, Jul. 27, age 84
RICHARD K. MILLER, '53, of Grosse Pointe, Aug. 6, age 86
MERRILYN M. (TASHER) MORGAN, '53, of South Bend, IN, Jul. 31, age 85
VIRGINIA W. (WILSON) PEACOCK, '53, of Midland, Aug. 12, age 85
ROBERT H. ROWE, '53, of Loveland, CO, May. 21, age 84
GERALD R. SNYDER, '53, of Reston, VA, Aug. 10, age 88
JAMES E. THEROUX, '53, of Gainesville, FL, Aug. 4, age 84
GEORGE E. BEACH, '54, of Farmington Hills
KENNETH E. BERMAN, '54, of Whitehall, Aug. 26, age 84
DONALD S. BRUNEMAN, '54, of Goodyear, AZ, Oct. 12, age 84
ANNE M. DUNGAN, '54, of Conneaut, OH, Aug. 15, age 84
DONALD L. FELKER, '54, of Falls Church, VA, Sep. 21, age 84
RICHARD C. FRENCH, '54, of Grand Rapids, Aug. 12, age 84
KENNETH J. KLAVER, '54, of Grand Rapids, Jan. 31, age 83
DAVID J. KLINKE, '54, of Woodstown, NJ, Jul. 29, age 84
ROBERT E. ROBINS, '54, of Naples, FL, Jul. 23, age 83
DONALD G. STEWART, '54, of Atlanta, GA
VAL C. VANGIESON, '54, of Wixom, Oct. 14, age 83
BARBARA M. (GODDEYNE) WOLF, '54, of Houghton Lake, Sep. 17, age 84

ALBERT R. FERRARI, '55, of Saint Louis, MO, May. 2, age 82

CAROLE M. (MACK) FISCHER, '55, of Rochester Hills, Sep. 23, age 82

MARILYN (HAHN) GERSONDE, '55, of Saint Joseph, Sep. 2

GEORGINA E. (IRELAN) HOLDORF, '55, of Elk Rapids, Oct. 9, age 96

CLIFFORD MACHACEK, '55, of Saint Joseph, Jul. 27, age 96

SHARON L. (SAMPLE) MAXWELL, '55, of Midland, Sep. 20, age 82

ROBERT L. NEMCIK, '55, of Indianapolis, IN, Aug. 25, age 83

CAROL L. RUMLER, '55, of Jackson, Sep. 27, age 83

ROGER C. SCHNECKENBURGER, '55, of Glenwood, NY, Sep. 16, age 84

ROGER W. VAN WINKLE, '55, of Portland, OR, Jul. 28, age 83

WILLIAM B. VANMEER, '55, of Belleville, WI, Aug. 12, age 82

DORTHA E. (ELZINGA) WITTHROW, '55, of Naples, FL, Sep. 13, age 83

RONALD E. ZDYB, '55, of Centennial, CO, Oct. 13, age 82

MARJORIE J. BRADLEY, '56, of Warren, Sep. 25, age 87

PATRICIA A. (SIKKENGA) CARTER, '56, of Sarasota, FL, Oct. 9, age 83

BRUCE H. COLEMAN, '56, of Grand Rapids, Oct. 9, age 81

NORMA A. (HARPER) HANSEN, '56, of Grand Rapids, Aug. 14, age 81

JEAN L. O'HARA, '56, of Plymouth, Aug. 26

EDWIN A. PIERSON, '56, of Rockford, Aug. 6, age 82

RICHARD E. VAUGHN, '56, of Rochester, Oct. 11, age 86

ROBERT D. WHITE, '56, of Aiken, SC, Sep. 3, age 82

LYN ACKERMAN, '57, of Cody, WY, Sep. 9, age 80

MAXWELL W. BROWN, '57, of Bay City, Jul. 12, age 94

THOMAS D. GAASTRA, '57, of Gladstone, Sep. 2, age 81

JAMES G. HOLCOMB, '57, of Sylvania, OH, Sep. 29, age 82

HYDE S. JACOBS, '57, of Manhattan, KS, Sep. 8, age 90

ROBERT T. JONES, '57, of Buffalo, IA, Sep. 7, age 85

CHARLES M. KNAPP, '57, of Dowagiac, Aug. 7, age 81

SUSAN A. (DRAPER) LYNCH, '57, of Saginaw, Oct. 18, age 81

MAX E. MAICHELE, '57, of Grand Rapids, Mar. 15, age 89

WILLIAM J. TURNER, '57, of Williamston, Jul. 30

COURTLANDT T. VANVECHTEN, '57, of CA, Sep. 1, age 81

PHILIP R. WHIRLEDGE, '57, of Fresno, CA, Jan. 2, age 88

JAMES B. ZICK, '57, of Rochester, Sep. 5, age 80

ALDEN L. BARNES, '58, of Las Vegas, NV, Jul. 16, age 80

MORRIS L. V. FRENCH, '58, of Indianapolis, IN, Sep. 7, age 81

ROBERT T. GATES, '58, of La Quinta, CA, Jul. 25, age 83

JACK S. HOFMEISTER, '58, of Fort Myers, FL, Jul. 15, age 82

CAROL A. KANANEN, '58, of Kernersville, NC, Aug. 12, age 80

FREDERICK C. KOENIG, '58, of Vero Beach, FL, Oct. 10, age 79

ROBERT C. MILKIE, '58, of Appleton, WI, Oct. 11, age 84

 **KENNETH A. MORRIS**, '58, of Cudahy, WI, Jul. 31, age 83

MICHAEL K. MULVIHILL, '58, of Grand Rapids

VIRGINIA K. NEAL, '58, of Albuquerque, NM, Aug. 9

KENNETH R. RADANT, '58, of Hastings, Sep. 20

SARA K. (UNDERWOOD) UNDERWOOD-GOTTLIEB, '58, of Portage, Oct. 6, age 82

JANE G. (DANFORTH) BAKER, '59, of Saint Louis, Aug. 22, age 89

RICHARD F. BERNARD, '59, of Hamden, CT, Jun. 26, age 81

LUTHER W. HARMSEN, '59, of Snohomish, WA, Jan. 23, age 85

AIX B. HARRISON, '59, of Madison, WI, Mar. 27, age 91

EMMA L. (MAY) HOLTS BERRY, '59, of Exton, PA, Oct. 8, age 78

VIRGINIA (SIMONSON) JONES, '59, of Palm Beach Gardens, FL, Jan. 15, age 80

KENARD L. KENWORTHY, '59, of Tomahawk, WI, Jul. 30, age 79

CHULSOON KHANG, '59, of Pocatello, ID, Aug. 18, age 81

JOHN D. OAKES, '59, of Georgetown, TX, Jun. 27, age 85

AVIS A. (STUTTING) RAMSDELL, '59, of Mound, MN, Jan. 6, age 79

SALLY J. (OVERHOLT) RITCHIE, '59, of The Villages, FL, Aug. 17, age 79

DONALD L. ROBACH, '59, of Auburndale, FL, Aug. 28, age 85

THOMAS A. SANDFORD, '59, of Albuquerque, NM, Sep. 24, age 79

ANNE R. (ST CLAIR) SHERWOOD, '59, of Golden, CO

1960s

JOGINDER N. ANAND, '60, of Novato, CA, Oct. 19, age 79

RICHARD J. BILKIE, '60, of Rochester, Aug. 5, age 80

ROBERT G. KAYEL, '60, of Watchung, NJ, Oct. 17, age 79

PERRY W. LEWIS, '60, of Grosse Pointe, Jul. 26, age 77

LAWRENCE M. MELESKI, '60, of Flushing, Aug. 5, age 78

ROGER W. MOON, '60, of Gladwin, Aug. 1, age 78

ROY W. PORTER, '60, of Coupeville, WA, Aug. 24, age 82

HARLEY R. SMITH, '60, of Port Huron, Aug. 6, age 83

RAYMOND E. SYTEK, '60, of Rockford, IL, Sep. 20

WALTER J. ADAMS, '61, of Campbellsport, WI, Jun. 30, age 81

DANIEL A. BRADLEY, '61, of Scottsdale, AZ, Aug. 6, age 78

VITO J. CANGEMI, '61, of Los Gatos, CA, Jan. 13, age 92

JOANNE D. (JOHNSON) HOWELL, '61, of Osseo, MN, Jul. 5, age 75

BEVERLY J. KLOOSTER, '61, of Caledonia, Oct. 17, age 78

FRANK B. SCHMIDT, '61, of Charleston, IL, Aug. 26, age 83

STANLEY R. VENNE, '61, of Phoenix, AZ, Aug. 7, age 79

JAMES B. WARD, '61, of Minneapolis, MN, Aug. 8

DOUGLAS A. ADAMS, '62, of New Carlisle, IN, Aug. 5, age 77

KENNETH A. APLEGATE, '62, of Englewood, CO, Sep. 25, age 76

MICHAEL D. BULLA, '62, of Ubyly, Oct. 20, age 87

DANIEL L. DAVIS, '62, of Hot Springs, NC, Apr. 30, age 78

MARY A. GAINES, '62, of Gregory, Sep. 15, age 76

FRED R. HUNTER, '62, of Allegan, Aug. 6, age 75

JANICE E. (WOODRUFF) LAND, '62, of Lansing, Sep. 18, age 75

BERNARD M. MIHARA, '62, of Grand Prairie, TX, Mar. 25, age 78

 **DWIGHT E. TURNER**, '62, of Fairport, NY, Aug. 2, age 95

THOMAS D. WEED, '62, of Roscommon, Jul. 30, age 86

RICHARD J. ALBERT, '63, of Grand Ledge, Sep. 29, age 76

JOSEPH A. CALLAHAN, '63, of Eugene, OR, Sep. 8, age 78

RICHARD G. CHAPMAN, '63, of Payson, AZ, Sep. 27, age 75

DOUGLAS W. HOSTE, '63, of Troy, Sep. 14, age 76

BETTY L. (LICKLY) HOUGH, '63, of Saint Clair Shores, Aug. 29, age 75

DENNIS C. KARAS, '63, of Holly, Aug. 19, age 76

PETER PIEKENBROCK, '63, of Garland, TX, Sep. 22, age 75

ROBERT W. POSEY, '63, of Berea, KY, Sep. 24, age 93

DONALD W. WIGHT, '63, of Algonac, May. 30, age 75

ANN S. (CASE) BAKER, '64, of Pearland, TX, Sep. 11, age 74

ROGER W. CHEESEMAN, '64, of Cordova, TN, Aug. 3, age 74

ROBERT D. DUBIEL, '64, of Warner Robins, GA, Oct. 3, age 74

VICTOR C. HEMPHILL, '64, of Gaffney, SC

CRAIG H. HOLTSLANDER, '64, of Columbia, PA, Oct. 10, age 76

WILLIAM KLAERNER, '64, of San Antonio, TX, Sep. 22, age 83

THOMAS A. LEACH, '64, of Luzerne, Aug. 17

RICHARD E. READ, '64, of Fountain Hills, AZ, Aug. 23, age 73

JOAN (ANDERSON) VILLANUEVA, '64, of Jackson, Sep. 5, age 73

JANET M. BAXTER, '65, of North Port, FL, Sep. 21, age 72

JANET M. DIETER, '65, of Mason, Aug. 9, age 74

ARTHUR L. DIRKSE, '65, of Holland, Aug. 11, age 73

ELINOR F. GLOVER, '65, of East Lansing, Sep. 26

DAVID M. GREGG, '65, of Winchester, VA, Sep. 11, age 77

ERNEST J. IRWIN, '65, of Flushing, Sep. 28, age 75

DAVID H. JOHNSON-WINT, '65, of Cortland, IL, Sep. 24, age 87

JOHN J. MADONNA, '65, of Fort Lauderdale, FL, Jul. 31, age 74

DAVID W. SYMONS, '65, of Cedar, Sep. 14, age 75

JAMES B. WARNER, '65, of Wayne, Aug. 21, age 73

MERLE D. WINGE, '65, of Dexter, KY

MARY C. COLEMAN, '66, of Lake Ariel, PA, Jun. 30, age 87

MARILYN J. (SCHAFFER) FINCH, '66, of Crystal, Sep. 7, age 81



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

CAROLINE S. (HUMBLE) HALL, '66, of Charlotte, NC, Aug. 9, age 72

SANDRA S. (LAMB) KAHN, '66, of Saginaw, Sep. 24, age 72

BARBARA I. (MOORE) LIEBLER, '66, of Fort Collins, CO, Aug. 28, age 72

WAYNE A. LUCHENBILL, '66, of Leesburg, IN, Aug. 26, age 72

WILLIAM N. SWALLENDER, '66, of Indianapolis, IN, Aug. 30, age 73

VICTORIA E. (JOHNSON) WOLF, '66, of Sault Sainte Marie, Sep. 2, age 78

JILL (LAKIN) ZEMKE, '66, of Santa Rosa, CA, Sep. 29, age 72

THOMAS M. CLEMENS, '67, of Algonac, Oct. 3, age 76

THOMAS W. CRAIG, '67, of Holland, Feb. 4, age 83

GARY A. CREVASSE, '67, of Crystal River, FL, Sep. 27, age 81

ALLEN W. GALE, '67, of Marion, OH, Oct. 10, age 80

ROBERT W. GUTSHALL, '67, of Dearborn

CHARLES E. LIKEN, '67, of Lansing, Jul. 12, age 81

CHARLES M. LOWTHER, '67, of Royal Oak, Aug. 31, age 71

THEODORE J. PETERS, '67, of Altoona, WI, Sep. 20, age 82

CARLTON S. VANDOREN, '67, of Anderson, SC, Jul. 29

DANIEL BELGIQUE, '68, of Salt Lake City, UT, Jul. 29, age 77

BARBARA J. (HOOK) BUEGE, '68, of Elkton, MD, Jul. 20, age 69

PETER A. CORREIA, '68, of Kingsley, Sep. 4, age 70

CHRISTOPHER J. GAGE, '68, of Dublin, OH, Oct. 2, age 71

JAMES HINESLY, '68, of Southfield, Aug. 31, age 82

LOIS A. KAPELKA, '68, of Oscoda, Sep. 22, age 70

MARGARET J. (KINNE) LOTT, '68, of DeWitt, Sep. 9, age 96

RONALD K. PRYZMA, '68, of Findlay, OH, Sep. 7, age 69

JOHN T. SCHINCARIOL, '68, of Paw Paw, Sep. 14, age 71

JOAN F. (BAGROWSKI) SLATER, '68, of Grand Rapids, Aug. 6, age 78

WILLIAM E. TREBILCOCK, '68, of Conover, WI, Oct. 6, age 71

ROBERT T. ANDREWS, '69, of Flushing, Jul. 25, age 73

ROBERT J. BECKLEY, '69, of Saginaw

RAYMOND L. BOOZER, '69, of Grand Rapids, Aug. 31, age 89

CHARLES G. HETTENBACH, '69, of Spring Lake, Aug. 3, age 73

BONNIE J. (BRINES) KING, '69, of Plymouth, Aug. 14, age 69

JOSEPHINE A. NELSON, '69, of

Punta Gorda, FL, Jul. 19, age 69

ARLO D. PETERSON, '69, of Manton, Jul. 9, age 68

KELLY A. (NASON) YOUNG, '69, of La Pine, OR, Oct. 4, age 71

1970s

MICHAEL R. AYERS, '70, of Williamston, Aug. 29, age 68

NEWTON D. BECKER, '70, of Biloxi, MS, Aug. 24, age 85

MARY A. CAIN, '70, of Kalamazoo, Oct. 1, age 91

THOMAS E. FERRARI, '70, of CA, Sep. 16, age 74

BRUCE GLASTAD, '70, of Succasunna, NJ, Feb. 25, age 67

STANLEY E. GUSKI, '70, of Alpharetta, GA, Aug. 4, age 72

WILLIAM R. JOHANSEN, '70, of Atlanta, GA, Oct. 1, age 79

GREGORY T. SMITH, '70, of Elmhurst, IL, Aug. 7, age 68

MARY J. (SHEA) STEENO, '70, of Madison, WI, Aug. 26, age 73

JOHN D. WOOD, '70, of Brooklyn, Aug. 20, age 72

MARK F. BAKER, '71, of Saint Johns, Aug. 18, age 67

SUSAN L. (NUOFFER) COCHRAN, '71, of Gardner, KS, Jul. 30, age 67

GAIL A. (MCINTOSH) CURTISS, '71, of Waterford, Oct. 20, age 67

PHILIP H. DORLAND, '71, of Fort Myers, FL, Sep. 12, age 67

ERIC K. KOTHS, '71, of Poulosbo, WA, Sep. 20, age 67

MARILYN C. O'NEIL, '71, of Petoskey, Oct. 4, age 88

KERMIT T. SMITH, '71, of West Bloomfield, Sep. 4, age 68

DOUGLAS A. BENSON, '72, of Grosse Pointe, Aug. 1, age 70

ROSS T. DAILEY, '72, of Saranac Lake, NY, Jan. 4, age 79

MICHAEL P. DUNNE, '72, of Brunswick, GA, Sep. 21, age 67

THOMAS E. ELSNER, '72, of Flushing, Jul. 25, age 76

VIRGINIA HANSON, '72, of Jackson, Sep. 12, age 87

JOAN HAVERKATE, '72, of Belmont, Aug. 17, age 90

ARTHUR T. HOWSON, '72, of Rockford, Aug. 16, age 85

ROBERT A. ROCCO, '72, of Lake Orion, Aug. 9, age 65

DOUGLASS W. BOND, '73, of Taylors, SC, Aug. 16, age 80

JASON H. BRAZEE, '73, of Pawleys Island, SC, Jul. 27, age 65

MICHAEL W. CHEN, '73, of Saint Charles, IL, Jul. 29, age 64

GEORGE E. GODBY, '73, of Okemos, Aug. 22, age 68

JAMES R. RUBY, '73, of Marlette, Aug. 14, age 67

MARY J. (WOOD) BROOKS, '74, of Grand Rapids, May. 7, age 94

DAVID M. DUNSHEE, '74, of Birmingham, Oct. 14, age 67

FRED A. EADY, '74, of Greensboro, NC, Aug. 12, age 89

RICHARD A. GLEASON, '74, of Lansing, Sep. 23, age 91

RUSSELL N. HOWES, '74, of Middleton, WI, Aug. 31, age 66

HARLEY A. JENSEN, '74, of Lansing, Aug. 11, age 80

ALAN J. KNIGHT, '74, of Westland, Sep. 26, age 66

ROBERT L. NELSON, '74, of Manitowoc, WI, Aug. 20, age 88

JANET A. RUSSELL, '74, of Flushing, Aug. 27, age 77

MICHAEL A. SERAFIN, '74, of Jackson, Aug. 2, age 65

DONALD J. WILLIS, '74, of East Lansing, Sep. 8, age 93

GARY M. CIMOCK, '75, of Clermont, FL, Sep. 26, age 64

ERNEST FOURNIER, '75, of Franklin, Sep. 2, age 89

FREDERICK B. FROST, '75, of Holt, Oct. 8, age 66

RICHARD R. KENNEY, '75, of Fort Wayne, IN, Aug. 26, age 65

MICHAEL L. LYONS, '75, of Jackson, Sep. 14, age 63

LUGENE P. DANIELS, '76, of Whittemore, Sep. 3, age 61

EDWIN L. HARWOOD, '76, of Monroe, Sep. 29, age 61

KATHLEEN D. HORTON, '76, of Saint Paul, MN, Oct. 16, age 62

PATRICIA A. IRWIN, '76, of Coconut Creek, FL, Dec. 19, age 77

SUE A. KRUGER, '76, of Mount Holly, NJ, Mar. 27, age 61

KAREN A. MCKEACHIE, '76, of Ann Arbor, Aug. 26, age 63

CRAIG S. MOORE, '76, of Chicago, IL, Aug. 17, age 61

CAROLE J. REED, '76, of Eau Claire, Oct. 7, age 84

BRUCE J. REIZEN, '76, of Lansing, Aug. 7, age 64

ALAN S. HENSON, '77, of Madison, TN, Aug. 6, age 65

ALLEN E. KEMPPAINEN, '77, of Lansing, Aug. 29, age 80

GABRIELLE KOWALSKI, '77, of Milwaukee, WI, Jan. 26, age 78

ADA L. LOVELESS, '77, of Kalamazoo, Sep. 22, age 91

MATTHEW R. MODRACK, '77, of Brighton, Aug. 11, age 62

WANDA E. YOUNG, '77, of CA, Oct. 6, age 93

BERNARD P. ANDERSON, '78, of Howell, Sep. 20, age 61

CLAUDE B. LAMBERT, '78, of Rockford, Aug. 3, age 83

PATRICIA A. RANDOLPH, '78, of Trenton, Sep. 17, age 60

CYNTHIA E. SNOW, '78, of Royal Oak, Sep. 28, age 60

ROBERT J. STACY, '78, of Ann Arbor, Aug. 21, age 69

MYRNA F. VANBEEK, '78, of Bradenton, FL, Aug. 30, age 76

SUSAN A. (SCHELLENBERGER) ATKINS, '79, of Kernersville, NC, Sep. 8, age 59

PATRICK A. LASECKI, '79, of Mobile, AL, Sep. 13, age 59

KENNETH L. PHILLIPS, '79, of Grand Haven, Aug. 21, age 60

THOMAS R. PITTS, '79, of Grand Rapids, MN, Sep. 3, age 60

JOAN H. (FREDERICK) RIEPMA, '79, of Frankenmuth, Aug. 31, age 88

SHERRY L. STASHONSKY, '79, of Grand Blanc, Oct. 6, age 65

RUTH A. WATTS, '79, of Detroit, Sep. 7, age 63

1980s

CAROL A. (COOK) ENCK, '80, of Dalton, GA, Jul. 22, age 58

LARRY J. HILDEBRAND, '80, of Colorado Springs, CO, Sep. 2, age 58

VICTORIA L. WOOD, '80, of Eastport, Sep. 20, age 83

KAREN A. (KLOC) BECHARD, '81, of Newport, Sep. 14, age 56

PATRICK H. FEUTZ, '81, of Brandon, FL, Aug. 23, age 57

DANIEL J. GERGER, '81, of Laingsburg, Jul. 29, age 58

DONNA K. (HIBST) KLABUNDE, '81, of Galena, OH, Sep. 5, age 59

MICHAEL L. KLASS, '81, of Bay City, Jul. 31, age 63

PAMELA J. (HANEY) BUELL, '82, of Vero Beach, FL, Oct. 3, age 55

CLINT A. COOKINGHAM, '82, of Princeton, WV, Aug. 29, age 73

CHARLES D. FOX, '82, of Floyd, VA, Jul. 24, age 69

DANNIAL H. HNIDY, '82, of Osprey, FL, Oct. 11, age 82

BLAKE A. ANTHES, '83, of Saint Johns, Oct. 19, age 57

MICHAEL L. POTTER, '83, of Monroe, Jul. 22, age 55

DAVID A. SZOMBATFALVY, '83, of North Ridgeville, OH, Sep. 20, age 61

LISA ZURN VICTOR, '83, of Mentor, OH, Aug. 7, age 57

MARY D. DAVIS, '84, of South Hadley, MA, Oct. 7, age 54

EDWARD J. JOCQUE, '84, of Lansing, Aug. 1, age 71

JOHN M. WIERZBICKI, '84, of Huntington Woods, Jun. 14, age 116

CHRIS B. WITT, '84, of Lansing, Aug. 4, age 56

TERRY L. BODELIN-BUCAN, '85, of Schofield, WI, Aug. 2, age 59

STEVEN W. GRAY, '85, of Grand Ledge, Aug. 4, age 55

PHYLLIS G. SIMS, '85, of Lansing, Oct. 21, age 68

KEVIN B. CARBONELLI, '86, of Palm Harbor, FL, Sep. 11, age 55

DONALD B. HARTWICK, '86, of Lansing, Aug. 21, age 72

NANCY E. ROBERTSHAW, '86, of Nashville, TN, Sep. 4, age 52

JACKIE LEPPERT, '87, of Indianapolis, IN, Oct. 13, age 52

HERBERT J. MOCK, '87, of Houston, TX, Sep. 6, age 70

TODD C. TAYLOR, '87, of Lansing, Sep. 5, age 55

TERRI A. (TORONGO) WEINLANDER, '87, of Birch Run, Oct. 11, age 62

VIVIAN L. STEEL, '89, of Downingtown, PA, Aug. 17, age 55

1990s

MONA L. JILDEH, '90, of East Lansing, Oct. 6, age 58

JUDSON G. MCDONNELL, '90, of Bad Axe, Oct. 5, age 55

MICHAEL D. O'CONNOR, '90, of Caledonia, Mar. 9, age 49

MARK W. ULRICKSON, '90, of Marquette, Oct. 11, age 59

ROBERT E. JAMESON, '91, of Adrian, Jul. 27, age 47

TIMOTHY C. NELSON, '91, of Gaffney, SC, Aug. 18, age 56

CHARLES G. O'CONNOR, '91, of Chicago, IL

CARRIE A. ZENTI, '91, of Gwinn, Sep. 22, age 46

BETTI C. HUFF, '92, of Bath, Aug. 19, age 75

ROBERT J. GILDEA, '93, of Springfield, Aug. 30, age 55

RONALD F. ROMANOWSKI, '93, of East Lansing, Sep. 24, age 71

KATHLEEN R. NOON, '95, of Watertown, WI, Aug. 20, age 61

SUSAN J. (MONTGOMERY) KLEWICKI, '96, of Lansing, Oct. 20, age 77

MATTHEW C. JUSTICE, '97, of Plainwell, Aug. 17, age 46

CHRISTOPHER E. WALLBERG, '97, of Davison, May. 14, age 41

ROBERT S. ALLEN, '98, of Denver, CO, Jul. 15, age 42

KATHY L. DUNN, '99, of Marquette, Aug. 20, age 50

2000s

KELLY E. CRAYTON, '00, of Westland, Sep. 18, age 54

JOSEPH J. BROCATO, '01, of Minneapolis, MN, Sep. 22, age 53

PATRICK M. MCKENNEY, '01, of Tempe, AZ, Aug. 17, age 40

BRANDON V. WILLIAMS, '02, of Royal Oak

NICHOLAS S. SCHEALL, '03, of Bay City, Aug. 18, age 38

TARIK F. IBRAHIM, '04, of Chicago, IL, Jul. 30, age 34

DAVID S. LUSTICK, '05, of Nashua, NH, Aug. 30, age 53

SCOTT A. MCMAHAN, '09, of West Chester, OH, Oct. 23, age 34

2010s

ROBERT I. DONALDSON, '10, of Louisville, KY, Oct. 1, age 29

MYLAN HICKS, '14, of Detroit, Sep. 25, age 23

FACULTY/STAFF

ELLEN M. BELONGA, of Lansing, Aug. 4, age 27

RICHARD A. CASTRO, of Winter Park, FL, Sep. 28, age 31

DONALD EDGAR, of Mason, Sep. 13, age 65

NORMA JOHNSTON, of Alma, Aug. 17, age 92

ELLEN G. (GRAY) KIRK, of East Lansing, Oct. 4, age 91

DONALD R. MERRITT, of Holt, Sep. 2, age 96

BETTY J. ORR, of Eaton Rapids, Oct. 5, age 94

JEANETTE RISDON, of Williamston, Aug. 12, age 85

ARLIETA M. SAWYER, of Bath, Aug. 17, age 73

GARY E. KURTZ, '62, of Holt, Sep. 11, age 77

WILLIAM S. PAYNE, '70, of Lansing, May. 29, age 68

BETTY L. PAYNE, of Laingsburg, Sep. 6, age 88

JACK T. WATSON, of Santa Rosa, CA, Sep. 3, age 77

MILTON H. STEINMUELLER, '58, of Vancouver, WA, Oct. 15, age 92

JOHN M. PHILLIPS, '69, of Bartow, FL, Sep. 16, age 92

MARY J. (RUSSELL) JOSEPHS, '73, of East Lansing, Aug. 5, age 82

KATHLEEN K. (KINSELLA) ROUT, '75, of East Lansing, Aug. 3, age 74

MATTHEW H. EPSTEIN, of Okemos, Aug. 13, age 96

RICHARD H. RECH, of Wenonah, NJ, Jul. 15, age 88

GENE R. SAFIR, of East Lansing, Oct. 15, age 72

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Seen from above, one of the two Forest Aker' golf courses evokes abstract art.



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