

MSU ALUMNI MAGAZINE • SPRING 2013
FOR ALUMNI AND FRIENDS OF MICHIGAN STATE UNIVERSITY

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22
**MSU AND AFRICA:
 AN EXTRAORDINARY
 CONNECTION**
 MSU's longstanding linkages with Africa, whether based on academics, research or economic development, are helping the university align its world-grant vision.



32
**MSU'S COMMUNITY
 MUSIC SCHOOL—NEW
 HQS FOR OUTREACH**
 One of MSU's most popular community outreach efforts now boasts a new headquarters across from campus, positioning it to broaden its reach.

42
**THE TURFGRASS
 INFORMATION CENTER
 AT THE MSU LIBRARIES**
 MSU is playing a key information role in the global effort to improve the grass we use in our lawns, stadiums, playing fields and golf courses.

DEPARTMENTS

President's Message 3	Sports 50
In Basket 5	Alma Matters 58
Around Circle Drive 6	State's Stars 64
Spartan Sagas 14	Obituaries 68
Spartan Profiles 16	Lasting Impressions 80

Cover: Photo of Stella Nhanala, one of the first students in The MasterCard Foundation Scholars Program, by Aran Kessler (kesslerphoto.net). A native of Mozambique, Stella is working toward a master's degree in plant breeding and genetics.

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PRESIDENT'S MESSAGE



Institutions such as ours periodically need to take a step back to refresh their outlook, examine their immediate objectives, and at the same time look to the horizon—and even attempt to peer beyond it to anticipate the longer-term impacts of current trends.

We're well into the process of renewing Boldness by Design, the strategic framework I introduced in 2005. This work of reexamination and renewal comes after a period marked by difficult budgetary circumstances for which we adopted a short-term program called "Shaping the Future" in order to anticipate issues and guide our planning. Thanks to our proactive approach, effective cost containment, and focus on programmatic success, today we maintain a comparative median position in financial metrics among our Big Ten peers despite the recession's more severe impact in Michigan.

Today, fiscal challenges remain. Economic growth is sluggish, and we anticipate some reduction in federal research funding levels in the near term. We're not out of the woods, but we now face these challenges in good trim.

Throughout this period, I've maintained my resolve to not allow budget challenges to define Michigan State or compromise our vision. Difficult times come and go, but MSU needs to retain the capacity to seize opportunities and spring back stronger than before.

Introduced during our sesquicentennial year and after my inauguration as president, Boldness by Design was inspired by MSU's heritage and historical impact as the nation's pioneer land-grant university. The aim was to focus our energy and resources on making us a model for the 21st century land-grant institution. It identified five strategic imperatives—areas in which we must excel and innovate to fulfill our commitment to transformation. And we have delivered significant accomplishments in each of these areas.

- **Enhance the student experience:** One primary accomplishment is our neighborhood system, which builds comprehensive support right into the residence halls where our students live, helping support student health, wellbeing, and academic success.
- **Enrich community, economic, and family life:** We have significantly enhanced our technology-transfer and commercialization infrastructure and have created a front door for businesses to connect with the university to engage in research or tap into faculty expertise.
- **Expand international reach:** We are a top public institution for both study abroad and international enrollment, and our faculty and students conduct research or study on every continent.
- **Increase research opportunities:** We've landed "big science" projects such as the Facility for Rare Isotope Beams, while at the same time significantly increasing undergraduate participation in research projects.
- **Strengthen stewardship:** We have upgraded our physical infrastructure strategically to support critical academic and programmatic goals and have created a more effective infrastructure for cultivating and connecting with alumni and donors.

We set 2012, the year of the Morrill Act sesquicentennial, as the point to bring Boldness by Design to a close. Our renewed framework will use a seven-year increment, taking us to 2020. As we move forward, we aren't looking to redo Boldness but rather to build upon the robust foundation it helped create. We'll recognize what we have achieved and identify and pursue the big ideas that will set us apart—all the while carefully assessing and responding to the forces shaping higher education, including financial and enrollment trends and the impacts of technology on learning.

This new Bolder by Design framework also includes a sixth imperative that was in some sense always embedded in the original five, but has received broad support on campus to be given particular attention in this framework: advancing our culture of high performance. As we work to support this imperative, we'll explore and pursue what it takes to be a model high-performance institution that creates a sort of innovative magic and has a high-impact, high-value experiential touch. We will do this through the work we do to push the frontiers of knowledge; in the work we do with communities to make a positive impact on their prosperity and quality of life; and in the way in which people experience Michigan State University, whether electronically or in person.

You will see Bolder by Design unfold and evolve over the coming months, with elements addressing both short- and long-term goals. This work is fueled by the passion, innovative spirit, and support we have from within the university and from our alumni and partners across the globe. We need to focus and capture that energy to enhance an institution that was always destined to be special among an already notable set of higher education institutions.

I encourage you to engage with us—subscribe to our news services, daily pride points, or mobile apps for starters—and proudly share information about us with others. We've redesigned our news page into a visually engaging hub for videos, photos, and news stories that's called MSU-Today. And now we're proud to present a global look at our research engagement via this year's online President's Report, which we've dubbed SPARTANS WILL.360. Find them both at msu.edu.

Lou Anna K. Simon, Ph.D.
President, Michigan State University



DIRECTOR'S MESSAGE



KEEP LEARNING

Of all the success secrets MSU alumna Megan Gebhart discovered while writing her blog, “52 Cups of Coffee,” perhaps the most important came from her conversation with President Lou Anna K. Simon: “Keep learning.”

President Simon’s father taught her early on that, “the only person who can define your success is you,” Megan writes. And a

continual focus on improving your mind is the foundation.

Lifelong learning has been imprinted on our DNA since MSU was founded. Our world class Kellogg Center was one of the first all encompassing venues where adults could come to expand their knowledge. Every MSU college has a lifelong learning component. And the university offers a dizzying array of courses across dozens of disciplines. I did a web search recently at MSU Lifelong Learning portal, yielding 13 different offerings in “African American and African Studies” alone.

Hiram Fitzgerald, associate provost for University Outreach and Engagement, is one of the leaders of MSU’s Lifelong Learning culture. True to our world-grant mission, Fitzgerald’s efforts ensure that the university interacts with our worldwide community across a lifetime, opening the door of wisdom to empower Spartans to “solve the world’s biggest problems.”

Research at our award winning MSU College of Education has opened new vistas of pedagogy, that magical combination of art and science that contributes to intellectual growth. Leigh Graves Wolf presses the edge of that envelope every day. MSU is one of the few schools to offer a master’s degree in Educational Technology. Leigh helped craft that program, breaking the geographical barriers that once slowed the spread of important ideas. Her students are equipped to teach in a variety of physical and technological environments, immersing themselves in the mixture to experience its magic first hand.

My first-ever commencement speech addressed Leigh’s students. It happened via the Skype voice-over-Internet-protocol that many of us routinely use like a video telephone when we travel. Interacting with a graduating class in Rouen, France, from my office in the Spartan Stadium tower truly was, as the old AT&T ads used to say, “the next best thing to being there.”

We leverage technology daily at the MSUAA to help alumni add to their life skill tool boxes. Lisa Parker, director of Alumni Career Services, hosts a series of webinars that connect Spartans to fresh ideas, expressed by some of our most distinguished faculty and graduates. On any given day, you might take part in a conversation on “tapping the hidden job market” or discuss the latest trends with a world renowned Spartan expert.

And the good old fashioned kinesthetic process of face-to-face learning is alive and well at the MSUAA. Our legacy Evening College program is undergoing a metamorphosis to more deeply connect with resources in our colleges, putting community members in the classroom with some of our best and brightest faculty. We are also expanding our immersion learning experiences like the popular Odyssey to Oxford. Imagine studying the history of the World War II code breakers at the famous Bletchley Park or viewing some of the treasures of Tutankhamun at the real-life castle where WKAR’s popular *Downton Abbey* is filmed. These are just two of the extraordinary adventures our Oxford students had last fall.

At its core, continual learning is essential to a successful Spartan life. Our world is in a constant state of change. New ideas supplant conventional wisdom, even as research may polish the luster of a classic paradigm. Enlightenment and understanding go hand in hand. Education directly influences everything from health and safety to performance on the athletic field. This is why we do what we do at Michigan State. We are committed to the belief that a more educated world won’t just survive—it will thrive.

The best educational experiences are defined by mixing the old with the new, providing the context and environment where ground breaking ideas are born. The MSUAA lives at the center of this amazing world. We are committed to expanding the breadth of the university’s lifelong learning opportunities, while preserving the best loved dimensions of a community education program that inspires Spartans, near and far, to keep learning.

W. Scott Westerman, III, '78
Executive Director, MSU Alumni Association

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IN BASKET

BROAD AT MSU

Your Winter 2013 cover story, “A Cultural Transformation: The Eli and Edythe Broad Art Museum,” estimates that the new museum will attract 150,000 annual visitors, 30,000 of them from outside of the region. This is welcome news for us at the Lansing Economic Area Partnership, where we track economic impact and benefits of visitor investment to the area. This projected visitor traffic would mean a five percent overall increase—more than the Common Ground music festival (~91,000) and slightly less than the Wharton Center (~170,000). One facility, one attraction, one investment—this is a tremendous addition to our community and our economy.

To take advantage of the momentum generated by this philanthropic contribution, we need to encourage additional investment around the Broad Art Museum. Visitors will expect fine dining, upscale retail, luxury accommodations and transportation options. We have to roll out a world-class welcome mat.

Jeffrey J. Smith, '02, MA '08
East Lansing

CARTOGRAPHIC ERROR

On page 2 (Winter 2013) the map of Africa omits South Sudan, which gained its independence on July 9, 2011. As a geography alum from MSU, I find this to be a disappointing error.

Martin Schaupner, '01
Alexandria, VA

C.E. EXPLORATORY

I experienced the Creativity Exploratory in October 2012 as leader of a lecture and workshop. It is the type of collaborative and technology-driven environment today's students will face in the workplace. With the C.E., Dean Karin Wurst has created a problem-solving “think tank”—a diverse group of smart people equipped with state-of-the-art resources. The message for parents with kids considering college is that at MSU's College of Arts and Letters, students will learn creative problem-solving skills that

make them very attractive in the market place. Add a solid Midwest work ethic and the C.E. is like a petri dish for employers.

Creative problem solving has been the greatest skill I brought to every position I've held in my career, including as head of creative at Dreamworks. I look forward to seeing what the C.E.'s amazing cadre of students can do post-graduation.

Peter Stougaard, '81
Los Angeles, CA

CYCLE OF SHAME

In your article about Jenn Gibbons and her sailing trip around Lake Michigan, your use of the generic term “assault” instead of “rape,” which is what actually happened, perpetuates the cycle of shame and the “blame the victim” mentality. She was raped! She was the victim of a horrible crime that should not be whitewashed or glossed over.

Sharon Lau, '89
Chicago, IL



HELMET LOGO

I well remember the incident you describe in your column (Spring 2012) about the design of the Spartan helmet logo. My father (Professor Robert Alexander) was always drawing on the backs of envelopes, or any piece of paper that happened to

be near him. I was not terribly impressed that he won the design contest because he only received \$100 and I really preferred the “Gruff Sparty” that his design replaced. I'm pleased to see that it has grown on everyone. Incidentally, my father died in 1997. He continued to teach at least one class a week until 1993. In 1999 my brother and I were in East Lansing. We tried to find a “Gruff Sparty” sweatshirt but, alas, could not find one anywhere!

Stuart Alexander, '77
Brooklyn, NY

SECOND, NOT FIRST

While Clarence “Biggie” Munn was certainly deserving of being in MSU's Ring of Fame, he was not MSU's all-time winningest football coach by percentage, as you reported (p. 60, Winter 2013). John Macklin, for whom Spartan Stadium was formerly named, went 29-5 in 1911-15 for a winning percentage of .853. Munn's 54-9-2 record is good for .846.

Please correct me if I'm wrong.
Bob Nelson, '74
Lansing

☛ *You are correct. The .857 winning percentage ascribed to Munn in the media guide failed to factor in the two ties. We appreciate your vigilance.*
—Editor.

MEASURE OF EXCELLENCE

Alisa Healy's article, “Endowments—A Measure of University Excellence,” describes endowments as “enduring, multi-strand, green-and-white cords that enable MSU to package big dreams.”

Healy's inspired writing made me recall my most important MSU personality, Professor Walter Adams, who guided MSU through one of its most difficult transitions. I not only took his Econ 444 class but was also fortunate enough to work for him. Thus, for me, one of the university's most significant endowments came from Trustee Randall L. Pittman, whose generous gift allowed the addition of Adams' name to a renovated Marshall Hall.

The Hon. Elizabeth P. Howe, '58, MA '94
MSU Trustee Emeritus
Pleasant Ridge

LEONARD FALCONE MEMORY

I was at the 1953 Rose Bowl game, driving down from UC Berkeley where I was in grad school after MSU. The bands were expected to perform at half time and I wasn't sure what to expect from the Spartans. UCLA was certain to put on a great show, but the Michigan State band I remembered was rather conservative—ROTC uniforms and about 40 or so members. To my astonishment, when it was the Spartan Marching Band's turn, it seemed like hundreds of terrific musicians in flashy green came out of the tunnel high-stepping, up-beat and playing loud and fast. I was so proud!! I'm sure the performance helped to inspire our team to come back and win the game.

Chuck Galloway, '51
East Sandwich, MA



AROUND CIRCLE DRIVE



“This financial gift from MSUFCU is a true game changer,” says Rodney Whitaker, director of jazz studies. “It will elevate our discipline to a higher level educationally, creatively and musically.”

National and international jazz artists will visit campus for a week to teach students and perform for the public, Whitaker says. They’ll also work with local high school and middle school jazz students. Jazz Orchestra I, the college’s premier student jazz ensemble, will join the artists to tour around the state.

Founded in 2001, the Jazz Studies Program leads the college’s outreach efforts, teaching and mentoring youth at Community Music School-Detroit, Whitaker says. The college hopes to reach 50,000 people through performances and social media, while also recruiting high school students to MSU jazz studies.

“This generous gift from MSUFCU will further strengthen one of America’s great jazz programs,” says James Forger, dean of the MSU College of Music.



ROBOTIC FISH NAMED GRACE

A high-tech robotic fish hatched at MSU has a new look, a new skill and a new name.

MSU scientists led by Xiaobo Tan, associate professor of electrical and computer engineering, have tweaked the fish so it can glide long distances using little energy while gathering data via its array of sensors. Grace—which stands for “Gliding Robot ACE”—can travel autonomously and measure water temperature, quality and other pertinent facts.

“Swimming requires constant flapping of the tail, which means the battery is constantly being discharged and typically wouldn’t last more than a few hours,” says Tan. “This is why we integrated both locomotion modes—gliding and swimming.”

A newly installed pump that pushes water in and out of the fish allows Grace to glide, upwards or downwards. Last year, Grace performed superbly during a test drive on the Kalamazoo River. Tan’s research is supported by the National Science Foundation.

MSU AGBIORESEARCH

MSU AgBioResearch, in conjunction with MSU Extension, will continue operation of its Upper Peninsula Research Center in Chatham, under a new name: Upper Peninsula Research and Extension Center.

The name change acknowledges the significant contributions made by MSU Extension to the facility’s operations.

The facility’s research and extension activities will emphasize collaboration and integration across livestock, plant and local food systems. The UPRC is one of 13 research centers operated by MSU AgBioResearch. Because of budget cuts, the unit is reviewing all of its facilities. The Muck Soils Research Center in Laingsburg closed Dec. 31, 2012.

\$1 MILLION TO JAZZ STUDIES

The MSU College of Music will soon launch a new jazz studies artist in residence program thanks to a \$1 million gift from MSU Federal Credit Union, the largest-ever investment in the college’s curriculum.

COLLEGE OF MUSIC ON LIVESTREAM

Select performances from MSU’s College of Music are now available worldwide on Livestream (new.livestream.com/MusicMSU). Viewers can enjoy high definition and chat with friends and colleagues about the performances.

“This gives us the opportunity to connect remotely with alumni, parents, and colleagues in a new and exciting way,” says James Forger, dean of the college.

Every year the College of Music presents more than 100 orchestral, band, jazz, choral concerts and faculty recitals, along with two fully staged operas.

“We’re getting great reviews,” adds Forger. “We have received comments from groups stretching from Cleveland, Ohio to Vienna, Austria and Sydney, Australia. It’s a tremendous asset for the college to share an actual performance experience, including world premiers, rather than just the news of them.”

Viewers can also browse past concert performances at youtube.com/MusicMSU.





This capsule of MSU history was written by Jennie Russell, assistant archivist at MSU Archives & Historical Collections.

MSU MOMENTS



Several programs at MSU can be credited to President John Hannah, and the creation of the International Studies program is one. Near the end of World War II, Hannah realized the importance of the university expanding its thinking and understanding in foreign studies, especially in Asia and South America. That idea led to the birth of the Institute of Foreign Studies in 1943.



Hannah hired Professor Shao Chang Lee from the University of Hawaii to head this new program. The classes, though limited, were a major

success. The next year, 1944-1945, Professor Lee and his wife moved into Faculty Row No. 3, which became the International Center. There, Professor and Mrs. Lee entertained international students who would meet for events, such as the international tea parties, which had an average attendance of 180 to 200 students. With so many new students, Michigan State College's International Club was formed along with smaller clubs to match the diverse student groups.

As MSU and the international student population grew, so did the international University-building projects. In 1951, MSU assisted Okinawa in the development of a new university, and MSU professors traveled to Brazil in 1954 to help establish the first school of business administration in the country. Also, in 1959, MSU helped in the creation of the University of Nigeria, Nsukka. To help coordinate and support the international programs on campus and abroad, the Office of International Programs, the first such program in the country, was established in 1956 with Glen L. Taggart as the first dean.

When the program started in 1944, there were 33 students from 23 countries and two American territories. For the fall of 2012, MSU hosted 6,599 international students from more than 130 countries, and the number continues to increase today.

Courtesy of University Archives & Historical Collections

NEW CENTER FOR FOOD SYSTEMS

MSU will use a grant of up to \$25 million from the U.S. Agency for International Development to improve agricultural production and reduce poverty in areas of the world suffering from rapid urbanization, population growth and skills gaps.

MSU's new Global Center for Food Systems Innovation (GCFSI) will try to find solutions. The center is part of USAID's Higher Education Solutions Network—a partnership with seven American and foreign universities.

"If we 'bend the trend' toward equitable and sustainable development and build the body of knowledge on how to harness these trends, we can have the largest impact on the productivity of global food systems," says Ajit Srivastava, chairperson of MSU's Dept. of Biosystems and Agricultural Engineering and co-director of GCFSI.

Reitumetse Mabokela, professor in MSU's Dept. of Educational Administration, is also co-director.

GCFSI will engage a team of specialists from multiple disciplines around the world. It will be housed within MSU's International Studies and Programs. Students, both undergraduate and graduate, will form the Translational Scholars Corps, Srivastava says.



WHARTON CENTER IN THE SPRING

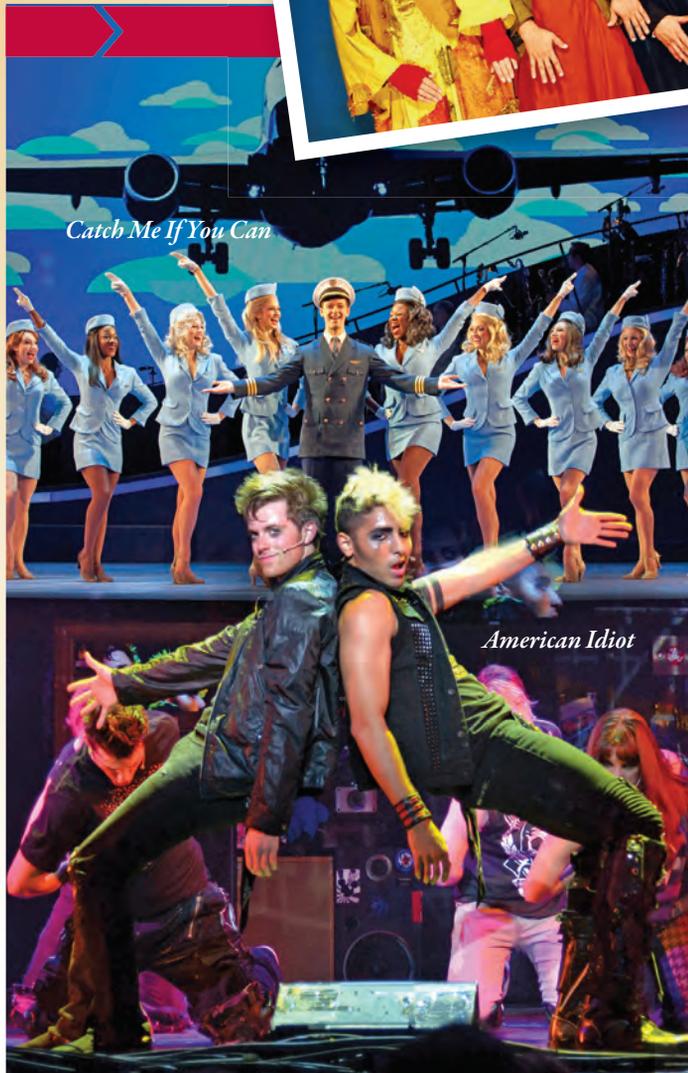
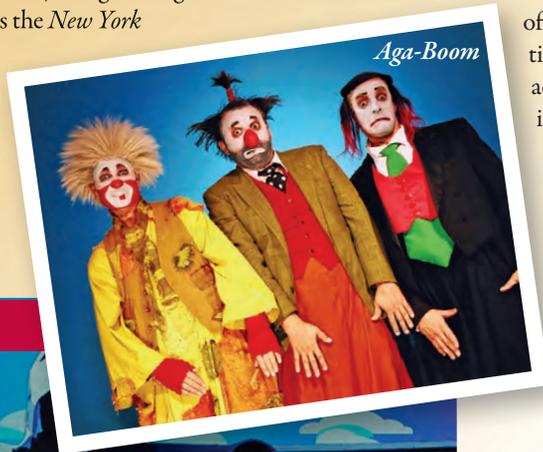
Two more Broadway musicals will be performed at MSU's Wharton Center for Performing Arts this spring. *Catch Me If You Can* (April 16-21), based on the true story of Frank W. Abagnale, Jr., brings quite a different chase than the one in *Les Miserables*. Here an FBI agent tries to capture a serial liar, impostor and forger.

Green Day's *American Idiot* (April 9-11) features the music of Green Day and pushes the envelope of the American musical, as three friends go on a quest to find true meaning in a post 9/11 world.

Jazz lovers will enjoy John Scofield's Hollowbody Band (April 7), featuring some of today's great guitarists. For those who love physical comedy, *Aga-Boom* (April 13) brings outrageous zaniness to the Cobb Great Hall—or, as the *New York*

Times puts it, "flying wads and flakes of paper, laughter, whoops and screams of children and adults alike."

Photos courtesy of the Wharton Center



RESEARCH CORRIDOR TOPS IN THE NATION

The University Research Corridor (URC)—MSU, University of Michigan and Wayne State University—generated \$15.5 billion in economic impact statewide, exceeded \$2 billion in annual research expenditures and awarded more than 31,600 degrees in one year. All told, URC ranks at or near the top of seven university innovation clusters in the nation, according to a new economic impact report.

The URC saw its research and development spending grow by 43 percent from 2007 to 2011. Its research and development growth rate topped six other major university research clusters in five states, including well-known hubs such as North Carolina's Research Triangle, California's Innovation Hubs and Massachusetts' Route 128 Corridor.

The report, prepared by East Lansing-based Anderson Economic Group, showed that URC universities conferred 31,683 graduate and undergraduate degrees in 2011, more than any of the university innovation clusters the URC has benchmarked itself against since 2007. The URC also granted the second-highest number of high-demand degrees overall.

"Michigan's economic success is vital to our students' ability to get good jobs when they graduate," says MSU President Lou Ann K. Simon. "We're deeply committed to continuing our efforts to help Michigan's businesses innovate and grow by providing the research and talent they need."

NEW HOPE FOR SUICIDE PREVENTION

MSU researchers have found that a chemical in the brain called glutamate is linked to suicidal behavior, offering new hope for suicide prevention efforts.

Writing in *Neuropsychopharmacology*, MSU's Lena Brundin and an international team indicate that glutamate is more active in the brains of people who attempt suicide. Glutamate, an amino acid that sends signals between nerve cells, has long been a suspect in the search for chemical causes of depression.

"The findings are important because they show a mechanism of disease in patients," says Brundin, an associate professor of experimental psychiatry in MSU's College of Human Medicine. "There's been a lot of focus on another neurotransmitter called serotonin for about 40 years now."

Brundin and colleagues examined glutamate activity by measuring quinolinic acid in the spinal fluid of 100 patients in Sweden. They found that suicide attempters had more than twice as much quinolinic acid in their spinal fluid as the others, which indicated increased glutamate signaling between nerve cells. Those who reported the strongest desire to kill themselves also had the highest levels of the acid.

Brundin



Broad College of Business complex



MSU RANKS NO. 1 IN BUSINESS PLACEMENT

For the second year in a row, the MSU Broad College of Business' full-time MBA program was ranked the best in the country—and second-best in the world—for placement success, according to *Financial Times*.

The international business publication's rankings are determined by graduates' measure of the career services they received as MBA students.

"We are thrilled our alumni continue to rate the full-time MBA program at Broad so highly," says Sanjay Gupta, associate dean for MBA and professional master's programs at the college. "This ranking is a testament to our dedicated faculty and staff who provide exceptional programs and personally assist students in finding quality internships and job opportunities."

The Broad College of Business' full-time MBA program is ranked 32 in the nation, up eight spots from last year.



► **Roman Krivochenitser**, a student in MSU's College of Human Medicine, took top honors for research at a meeting of the American Medical Association. His research on teens and young adults who go untreated for sexually transmitted diseases won in the public health and epidemiology category, beating out more than 600 abstracts that were submitted.

► **Steven Wildman**, director of MSU's James H. and Mary B. Quello Center for Telecommunication Management and Law and acting chairperson of the Dept. of Telecommunication, Information Studies and Media in the College of Communication Arts and Sciences, has been named chief economist for the Federal Communications Commission. He will return to MSU after serving a term of six months (or possibly longer).

► The MSU Opera Theatre recently was awarded first prize for Division III of the National Opera Association's opera production

competition. In addition, two MSU opera theatre students won prestigious awards—graduate student **Johnathan Riesen** won first prize in the Michigan District Metropolitan Opera Auditions and senior **Harry Greenleaf** was named a studio artist at the Wolf Trap Opera Center.

► In February, an MSU team of four supply chain management seniors won first place in the Operation Stimulus 2013 national case competition in Denver, CO. There were 18 teams from 15 North American universities entered.

NEW FACES ON CAMPUS

► **Emilio F. Moran**, Distinguished Professor and the James H. Rudy Professor of Anthropology at Indiana University, joins MSU's Dept. of Geography as Visiting Hannah Professor. He is the 11th MSU faculty member—the first from social science—who is a member of the National Academy of Sciences.

► **Corbin Wagner**, longtime member of the Detroit Symphony Orchestra, has been named associate professor of horn in the MSU College of Music. He has taught at Oakland University, the University of Michigan and Wayne State University, and is an experienced clinician and owner of Cornopub, a horn music publishing company.

► **Satish Udpa**, dean of MSU's College of Engineering for the last seven years, has been named executive vice president for administrative services. **Leo Kempel**, associate dean for research and professor in the College of Engineering, has been named acting dean of the college.



MSU RACING CARS—This was one of three innovative race cars designed by MSU students that was exhibited at the North American International Auto Show Jan. 19-27. The MSU Formula Racing Team is comprised of 25 students who design, build and race cars.

► For more information, visit msuformularacing.com.



MSU UNION—In January, the MSU Union re-opened after extensive renovations to the first floor. A popular destination for alumni returning for football weekends and such events as Homecoming, the MSU Union has added a Sparty’s Express and a Welcome Center for students and campus visitors. Old favorites like Biggby’s coffee shop, the MSU Dairy Store and MSU Federal Credit Union are also open, and the Union Food Court and Spartan Spirit Shop have renovated layouts. The post office (minus P.O. boxes) and ATM machines continue to operate. “The Union has played many roles since it first opened, and this renovation will allow it to continue to grow and serve the MSU community,” says Tami Kuhn, interim director, MSU Union.

protect potable groundwater supplies, and enable more efficient use and control of fertilizers and pesticides.”

The prototype can be used on a broad range of crops, as well as for growing cellulosic biomass feedstock on marginal lands. SWRT-improved sands produced 145 percent more cucumbers than

did control fields without water-saving membranes. Researchers also improved irrigated corn production, upping yields 174 percent.

Internationally, MSU researchers are exploring opportunities to overcome hunger with SWRT water-saving membranes in several global locations.

MSU RESEARCH UPS CROP OUTPUT

While many crops withered under last year’s drought, MSU researchers increased corn and vegetable production on test farms using new water-saving membranes.

The subsurface water retention technology (SWRT) process was developed by MSU Professor Alvin Smucker, an AgBioResearch scientist, who uses engineered films placed at various depths below a plant’s root zone to retain soil water. Proper spacing also

permits internal drainage during rainfall and provides room for root growth.

“This technology has the potential to change lives and regional landscapes where highly permeable, sandy soils have prohibited the sustainable production of food,” Smucker says. “Water retention membranes reduce quantities of supplemental irrigation,



MYELOMA GRANT TO MSU RESEARCHER

Jetze Tepe, MSU associate professor of chemistry, has received the 2013 Brian D. Novis Senior Award from the International Myeloma Foundation.

Tepe’s research involves investigating the mechanism of a new type of proteasome regulation TCH compounds which are highly effective against multiple myeloma in cell culture and in vivo tumor models. The award includes \$80,000 in research funding per year, renewable for the following year, and is one of only two Novis senior grants given out worldwide in 2013.

Multiple myeloma is a terminal malignant disorder of differentiated B-cells and remains incurable. The leading treatment involves proteasome inhibition by bortezomib, but nearly all patients become resistant and/or intolerant within a few years following treatment, after which the average survival rate is less than one year.

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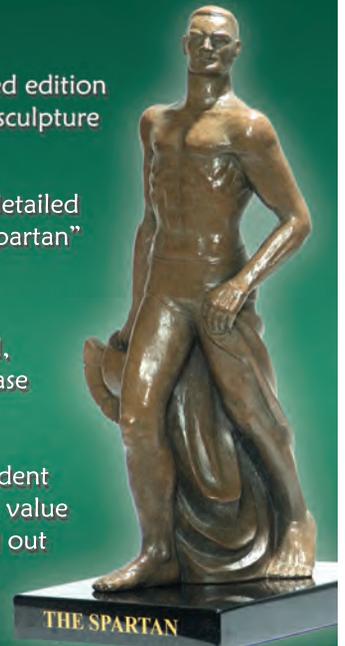
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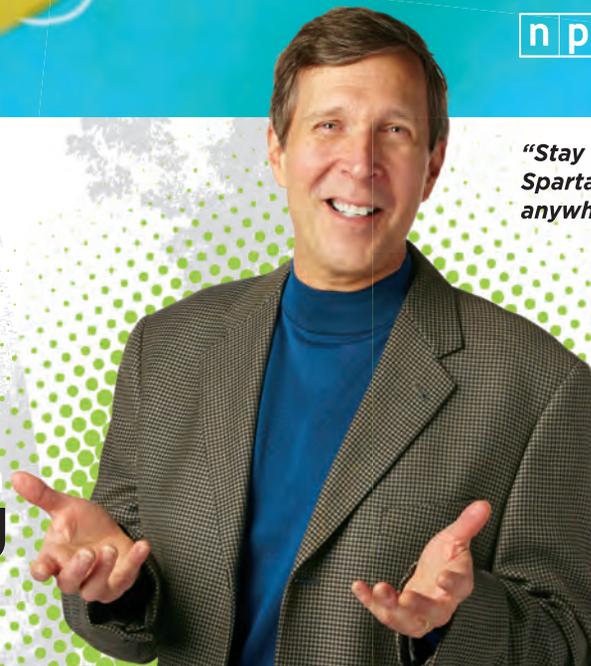
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Name:
Priyanka Pandey
Affiliation:
Alumna, 2011
Current Residence:
Rochester, Michigan



Priyanka Pandey brings water and power.

As a student in the Honors College, she won a Schoenel grant which enabled her to make a plan that would bring closer access to water for this village.

“I had this grant. I wanted to come up with a very specific project that could help, that’s going to target these people.”

When she visited Bedani, she quickly discovered that water truly was the source of many of their challenges, as well as the solution.

“I had a chance to go around the village and really take in who these people were, why there was, perhaps, so much poverty. I began asking a lot more questions,” she says. “I had just been taking a course at MSU called Family and Child Ecology. We had just gone over the basics of how, in every community, the basic needs have to be met—which are food, shelter and water. Only after that, can we meet the secondary needs of education, which meant health, independence and the power of life.

She talked with people living in the village and found a relatively simple solution to this dire problem. “We came up with the idea of a hand pump. It was a very basic thing—just clean water. It didn’t need a lot of management. It’s something that could be put into place in a couple of days. It just ended up being a lot cheaper. I was like, “That’s great!” It was very good news. “Instead of installing three, which is what I wrote in my grant, I was able to install five. It would be something that wouldn’t just affect one generation but many, many, many generations to come.”

In the community of Bedani, India, villagers often would travel a mile or more to the nearest river for water. Their plight inspired Priyanka Pandey, a graduate of MSU’s Honors College, to create a plan to install five water pumps throughout the village so every family home is within 20 feet of a source of clean, fresh water.

“My dad grew up in the village of Bedani. Before my dad, 10 generations of Pandey’s have lived here,” Pandey says. “Coming from a place where I knew that water was just such a basic need, where people couldn’t really do anything about it, I really felt that it was a dire need. It was the basic need that wasn’t being met.”

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Kurt Stepnitz/Communication and Brand Strategy



Edward Minskoff makes a point with Eli and Edythe Broad during the dedication of MSU's Eli and Edythe Broad Art Museum in November.

EDWARD J. MINSKOFF: BUILDER AND PHILANTHROPIST

Before construction of the Broad Art Museum, issues emerged between MSU and architect Zaha Hadid. An alumnus who is one of the nation's top developers stepped forward for MSU. He took over the negotiations and eventually got all sides to come to terms, thus enabling the completion last fall of MSU's spectacular new art museum. The hero was **Edward J. Minskoff**, '62, president of Edward J. Minskoff Equities, Inc., a New York-based real estate acquisition and development company which owns and manages over five million square feet of office space plus residential and retail properties in Manhattan and other major cities. "Sometimes the private sector can contribute significantly to institutional decisions,

especially complicated ones," says Minskoff, who, along with his wife Julie, donated \$3 million to the MSU project along with a major Jonathan Prince sculpture and a Jasper Johns print. "We're glad to be able to help both the design selection and development process. The end product is a fantastic architectural gem that will bring tremendous recognition and credibility to Michigan State." Born in New York, Edward grew up in Washington, DC, Southern California and Detroit. He chose to attend MSU because, in his words, "I felt (the late) Walter Adams was the most brilliant economist around at the time." He calls MSU "all in all a great experience, even though no undergraduate program totally prepares you for the cruel world." Edward earned

an honorary doctorate from MSU in 2009. Early in his career, Edward showed his skill for development. He quickly rose to become CEO and principal of Olympia & York, where he was responsible for 16 new projects, including the World Financial Center. In 1987, he founded his own company and has developed a reputation for quality buildings, having developed 37 million square feet in 10 cities. "Architectural integrity is important to me," says Edward, who has used world-class architects like I.M. Pei, Cesar Pelli and Skidmore, Owings & Merrill. Edward is a trustee of NYU's Langone Medical Center and active with the Metropolitan Museum of Art, the Friends of Modern Art and the Museum of Contemporary Art (Los Angeles).

Edward and Julie are avid collectors of contemporary art and own a collection that includes works by Picasso, Jeff Koons, Damien Hirst, Jackson Pollock, Jasper Johns, Roy Lichtenstein, Willem de Kooning, Alexander Calder, Frank Stella, Richard Prince and Oldenburg.

JULIE UPTON: THE REAL SKINNY

Americans spend \$40 million a year buying diet products, whether it's books, pills, powder or some "magic bullet" solution. "And yet obesity rates keep climbing," notes **Julie Upton**, '88, a professional dietitian who has come up with a practical plan for improving health habits. Upton, magazine writer and owner of Appetite for Health, a nutrition communica-

tion firm in San Francisco, CA, has co-authored the brand new book, *The Real Skinny: Appetite for Health's Fat Habits and Slim Solutions* (Tarcher, 2013). "There is a lot of misinformation out there," says Julie, who runs 50K ultra-marathons in her spare time. "A lot of the claims being made are misleading or false, but people who are looking for the quick fix will buy into the hype instead of doing the hard work." Julie and co-author Katherine Brooking compiled some of the most common bad habits and offer sensible solutions. "I've been a dietician for more than 20 years and I keep seeing the same excuses, over and over again," says Julie. "In our book we give you a way to replace your bad habit with a better habit. This is the only way to deal with what I call our 'obesigenic' food environment." A native of Ludington, Julie attended the

University of Michigan but transferred to MSU to obtain a degree in nutrition. "I played all kinds of sports—swimming, track and field, softball, you name it," says Julie. "So I became very interested in sports nutrition." At MSU, she had professors like Stella Cash, Jenny Bond and Won Song, who she still sees at conferences around the country. "As an undergraduate I lived off campus and hosted weekly dinner parties," she recalls. "So you could tell I was headed into the right field."

► For more information about Julie's work, you can visit appforhealth.com.

JIM ZIOLKOWSKI:
BUILD ON

In 1990, he was 23 and had a promising career in corporate finance with GE Capital, Stamford, CT, when he decided



Jim poses with buildOn urban youths on the rooftop of a community center in the South Bronx of New York City.

to switch gears. Having been exposed to extreme poverty when he backpacked around the world to Nepal, India, Thailand, China and the (then) Soviet Union, *Jim Ziolkowski*, '89, decided to leave GE to found buildOn, a nonprofit organization that mobilizes urban youths for volunteer work, both in the U.S. and abroad. "Our mission is to break the cycle of poverty, illiteracy and low expectations through service and education," says Ziolkowski, who after two decades has been featured by

Anderson Cooper's talk show on CNN and NBC's *Today Show*. "We've had some 25,000 urban youths go through our after-school programs. We've built 500 schools in nine countries, and they have been attended by over 300,000 people." Jim started to offer after-school programs

on volunteering in places like Detroit, Chicago, Harlem and the South Bronx, "where the kids faced major challenges, ranging from gangs to drugs to dysfunctional schools." By involving the children in service programs for their communities, says Jim, many of them improved their academics as well. "Researchers from Brandeis University did a study and found a causal link," says Jim. "Even though we're not an educational program, the kids who participated in buildOn programs had hope and expectations, and that led them to just show up in school—which is half the battle in some cases." A native of Jackson, Jim chose MSU (over the University of Michigan) "because of the business school and also because I liked all the people I met during my visits." He says he grew on campus, both academically and socially. He remembers the first school his team built. "It was in a small village in Malawi," he recalls. "I almost died of Malaria. But I survived. When you see the smiles on the faces of the village people when they get a new school, it makes all the work worthwhile."



Photo by Lisa Hancock

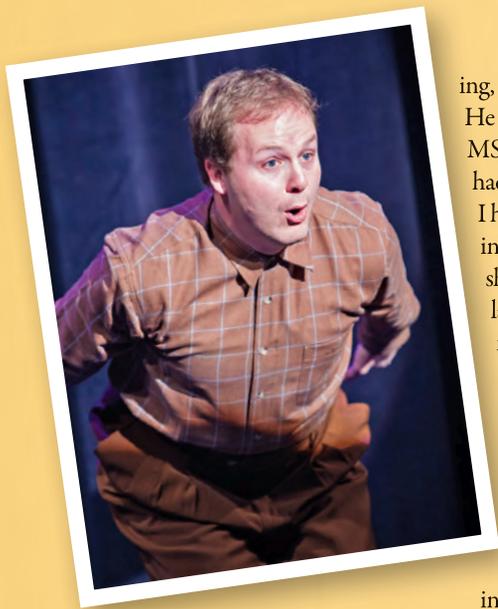
Photo by Paul Mobley

**PAMELLA ROLAND DEVOS:
TOP AMERICAN FASHION
DESIGNER**

What do Angelina Jolie, Jennifer Garner, Halle Berry, Eva Longoria and Kim Cattrall have in common—besides being members of the Hollywood elite? Also, add Christina Aguilera, Queen Latifah, Catherine Zeta-Jones, Mariah Carey, Hillary Swank, Vanessa Williams, Carrie Underwood and all the Kardashians. Answer: They all wear dresses from the fashion house *pamella roland*. Just 10 years old, the label was created by *Pamella (Vander-Laan) Roland DeVos*, '84, whose designs are now sold by Neiman Marcus, Nordstrom, Bergdorf Goodman, Saks Fifth Avenue and other leading retailers. "We design beautiful clothes made with beautiful fabrics that fit women's bodies of all shapes and sizes," explains DeVos, who commutes between homes in Grand Rapids and Chicago to New York City, where her business is centered. "I make beautiful clothes that provide a great fit and that women can actually wear," she notes. A native of Grand Rapids, Pamella was raised in a Maize and Blue family. "Today we all bleed green," she says, adding that her daughter Cassandra is a student at the MSU College of Law. At MSU, Pamella studied business and art history. "When everyone was at the football game, I was working at Kay Baum listening to the game," she recalls. "I was always interested in clothes." But after working in public relations in the U.S. and in Japan and raising three children, Pamella looked for a new challenge. She decided to rekindle her passion for clothes and art, and founded her fashion house. "The first five years were very difficult," she says. "But I had a supportive family and many friends who encouraged me." Today she pursues both business and art. She serves on the boards of both the Grand Rapids Art Museum and New York's Whitney Museum. One recent line was inspired by artist Ellsworth Kelly. Her upcoming Fall 2013 collection was inspired by St. Petersburg, Russia, where she and her husband Dan recently visited. Her advice to young people? "Work hard, prove yourself, and follow your passion," says Pamella.



Photo by Nigel Barker



MATTHEW GWYNN:
THE MEANING OF
ALMOST EVERYTHING

One acclaimed show this season at Chelsea's Purple Rose Theatre was *The Meaning of Everything*, a new comedy written by theater founder and movie star Jeff Daniels. For co-star *Matthew Gwynn*, '04, the role of "A" was an opportunity of a lifetime. "It has been an incredible ride," says Gwynn, an associate artist at the Purple Rose. "We have extraordinary freedom to explore who we are through action. From fighting to flirting, clowning to crawling, we've tried it all." Matthew first met Daniels in 2007 when, after touring 10 states with the Arkansas Repertory Theatre, he became an apprentice at the Purple Rose. "This was about backstage and administrative aspects of theater, and it was an intense experience," recalls Matthew. "I found Jeff Daniels to be an inspiration. He is the consummate professional, affable to fans and fun to work with. He's one of the few playwrights who allows actors to develop the script through the rehearsals." A native of Farmington Hills, Matthew chose MSU because, he remembers, "The moment I set foot on campus I knew it was the right place for me. I had the feel-

ing, "This is where I belong." He touts his education and MSU's theatre program. "I had some great teachers and I had opportunities to be in shows of all sizes and shapes," he recalls. "(The late) Frank Rutledge was a mentor. You might say he was the theatre department. And (Associate Professor) Rob Roznowski was also very influential. He taught you how to apply your academic knowledge

in the real world. The whole department was full of wonderful people." Matthew looks forward to continuing "greenhousing" at the Purple Rose, which is jargon for a process where a variety of creative types work on scripts to refine them for production.

CARLOS CAMPBELL:
PREVENTING
KIDNAPPINGS

The Oscar-winning movie *Argo* dealt with extracting Americans

from Iran after militants occupied the U.S. embassy in 1979. In 1990, a real-life covert operation extracted seven American hostages from Kuwait during the Iraqi occupation—thanks partly to the efforts of the Hon. *Carlos Campbell*, '59, former member of naval intelligence and assistant secretary of commerce during the Reagan Administration. He was one of six people, along with former CIA director Bill Colby and former ISA operative Bill Cowan, who masterminded the operation. "We created a fake import-export business as cover," recalls Campbell. "We were so successful that we got orders coming in even after we finished." One by one, he recounts, the "assets" were taken to safety using a variety of guises, routes and rescue modes. Today Carlos continues to leverage his expertise with hostage situations. His film company, Initiative Films LLC, produced *Kidnapping: Expect the Unexpected*, a 2012 documentary that recently premiered at the Cannes Film

Festival. "People who travel need to see this," says Carlos. "It's a prevention tool. We tell you what pitfalls to avoid." He serves on the board of directors of two public corporations." A native of New York City, Carlos chose MSU because of his interest in running track at the time. But he ended up spending most of his free time working all kinds of jobs, ranging from construction to running a pizza delivery franchise. "I had a total of 21 jobs and by the time I graduated I had \$3,000 in the bank," says Carlos. "I loved MSU and made lifelong friends." From 1959-68, he served in reconnaissance squadrons as a naval flight officer and as an intelligence officer. Other government service included appointments in the administrations of Presidents Nixon, Ford and Reagan. He has hosted several television talk shows in the Washington, DC area and acted in a number of commercials and movies, including *The Concorde ... Airport 79* and the NBC television series *Homicide*.





PHIL DANNE: MOBILE TECHNOLOGY IN CARS

Mobile technology in cars is growing fast, thanks to the pioneering work of companies like Livio Connect, of Ferndale, MI. The company specializes in integrating smartphone apps with cars—an effort led by *Phil Danne*, '06, the company's hardware integration head. "We started with the internet radio, where you can listen to thousands of radio stations anywhere in your house and now in your car," explains Danne. "But users want more—they want things like navigation, traffic, weather and news. Our goal is for cars to have the functionality of a smartphone, where people can access their playlists, contact lists and other apps." Already, Livio is enabling the TuneIn App for internet radio in the Chevrolet Spark's MyLink dashboards. "That's one of the most popular car apps," says Phil. "Software updates are available over the air." Phil grew up in Ann Arbor, and chose to attend MSU, where he majored in computer science. "I loved MSU," he says. "I came in with the deer-in-the-headlights look. By the time I graduated, I didn't want to leave." During his stay at MSU Phil was very active with the Association for Computing Machinery (ACM). "We did a lot of coding competitions, where you have to solve a programming puzzle better or faster than the competitors," he explains. "Our advisor was (Associate Professor) Charles Ofria, who I consider a mentor. All my MSU experience was good for the work I now do." Phil notes that mobile technology for cars is an area that is advancing rapidly. "We want to keep the car dumb and simple," he explains. "You produce the car once and it will stay on the road for 10 years. But we want the car's functionality to remain very smart, like the phone."

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Stella Nhanala
Graduate student, Plant Breeding and Genetics
Hometown: Maputo, Mozambique
School: University of Algarve



MSU AND AFRICA

AN EXTRAORDINARY CONNECTION

MSU's longstanding linkages with Africa, whether based on academics, research or economic development, are helping the university align its world-grant vision.



By Stephanie Motschenbacher

Although the MSU campus is new to Stella Nhanala, her experiences with MSU are not.

Back home in Mozambique, she worked with MSU faculty on an initiative to reduce poverty and hunger across the African continent. Working with the African Biosafety Network of Expertise (ABNE), she found her passion for science and technology—and later made her way to East Lansing as one of the first students in The MasterCard Foundation Scholars Program (see p. 6, Winter 2013).

“I want to go home and help contribute to the transformation of Mozambican agriculture,” says Nhanala, who is working toward an MSU degree in plant breeding and genetics. “I also want young women to see that they can help stimulate Africa’s development

and be the bridge that brings new science and technology to society.”

Stella’s story is not only inspirational, but also a microcosm of MSU’s connection to the African continent and its people. Last September, MSU joined The MasterCard Foundation’s global network of institutions that were selected for their shared values, academic excellence, nurturing environment and programs relevant to growth sectors in Africa.

As Africa experiences an economic and political resurgence, MSU is uniquely poised to help fuel the continent’s aspirations for change—including Stella’s desire to become a role model for young women and help her country’s agricultural transformation.

World leaders are noting the growth in Africa of new industries in manufacturing, telecommunications, banking



MSU's connection to Africa began in the 1950s when President John A. Hannah (bottom photo) provided assistance to Nnamdi Azikiwe, the first civilian president of Nigeria, in his quest to build a land-grant style university. By 1967 the University of Nigeria had 30 faculty members from MSU and 400 from Nigeria, and its first graduates earned the best civil service examination scores in the country.

and agriculture. Youthful energy is leading the charge, as 70 percent of the continent's population is under the age of 30. A new historic era seems to be dawning in Africa, led by sweeping changes from politics to markets and from farms to banks.

Initiatives for Africa's future abound

at MSU. The university's urban planners and demographers show Africa to possess a young, vibrant, sophisticated and increasingly urban population. MSU's political scientists, who head up the Afro-Barometer Project, have charted the steady spread of democratic institutions and the deepening of respect for openness, transparency and civic participation. Journalists are working hand-in-hand with a new caliber of African investigative reporters. The MSU Museum's cultural heritage and arts specialists are witnessing the explosive growth of a creative economy in Africa and are supporting museums to showcase traditional and contemporary arts and cultures. Agricultural scientists and development specialists on campus note a new atmosphere of confidence and collaboration as African leaders cooperate with neighboring countries, build new region-wide institutions, establish programs of food security and food safety, and plot a course of pan-African development. Everywhere in Africa it is now recognized that private capital and local entrepreneurship have a role to play in fostering and sustaining development.

"Michigan State University is fortunate to have cultivated the types of partnerships over the last 50 years that now allow us to observe, participate, analyze and contribute to this unique historical moment in Africa," says James Pritchett, director of MSU's African Studies Center.

MSU is distinctive among the world's universities in the role it has been asked to play in support of African Union initiatives, including the development of the ABNE and food security programs in a number of countries.

Historically, MSU led the U.S. with the number of doctoral dissertations on Africa and its development. "We also are providing more opportunities for students to study in Africa than any other U.S. university through 29 study abroad programs on the continent," says Pritchett.

East Lansing is alive with Africa-focused activity: 160 MSU faculty members are researching and teaching about Africa, weekly public lectures are delivered on African topics and regular visits are made by numerous African scholars and faculty independently or through the

Fulbright program. The 26 year-old African Students Union attracts American and international students from all over the Midwest through an annual African Culture Festival.

During each academic year, MSU boasts a total of about 200 undergraduate and graduate African students who have constructed alternative narratives about Africa, through their academic excellence, their interactions and their programming around Africa. Dozens of other student organizations engage in African issues, running both charitable programs for various causes, and supporting the budding interest in studying abroad to learn about Africa.

MSU's connection to Africa began in the 1950s when a common philosophy about higher education united two incredible leaders. That philosophy—rooted in a land-grant tradition—has distinguished MSU for more than 150 years. It's also what connected Nnamdi Azikiwe, the first civilian president of Nigeria, and John A. Hannah, MSU's president from 1941 to 1969. Both men believed that higher education should be available to all and that universities should aspire to serve the needs of the nations in which they are based.

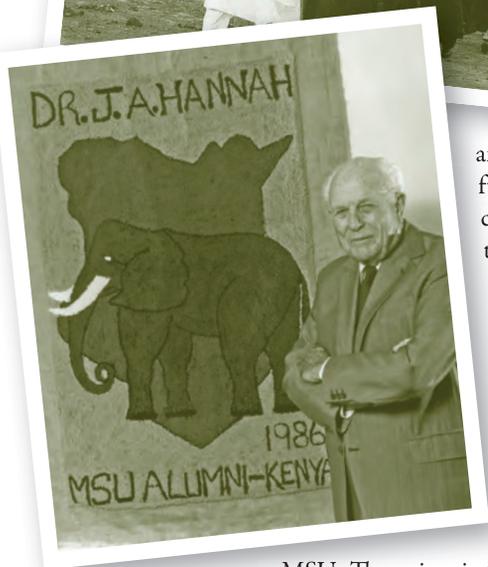
Zik, as he was affectionately called, envisioned a "people's university" that could address the country's pressing development needs. He traveled to New York to request support from the Rockefeller and Ford Foundations, among others, for the first "American" land-grant type university in Africa, but they weren't forthcoming.

Zik often told the story of being dejected but not giving up hope. He remembered walking from the Upper West Side in Manhattan toward the downtown Wall Street area, and seeing a skyscraper with "cobs of maize" carved in the limestone frieze. "I knew in an instant," he recalled, "that if you can build a skyscraper in New York with maize, you can build a university in Nigeria with palm oil."

Several years later Azikiwe returned to New York with a bank certificate for the 2012 equivalent of almost \$61 million earned from a tax on palm oil production in Eastern Nigeria that he had engineered as governor of the province. Again, he asked for assistance. This time, the foundations referred him to MSU President John Hannah and to the U.S. Agency for International Development.

Hannah and a number of MSU faculty members quickly accepted Zik's invitation. By 1967 the University of Nigeria had 30 faculty members from MSU and 400 from Nigeria, and its first graduates earned the best civil service examination scores in the country.

MSU faculty members and their families contributed more than 200 person-years in Nigeria to build the University of Nigeria. From that experience, they gained knowledge and affection for the Nigerian people and returned home to bring an African focus to their teaching, research and service back in East Lansing.



MSU AND AFRICA *Today*



“I gave up full ride scholarships to universities on the East Coast for the harsh Michigan winters and the chance to work with so many African scholars.”

Since then, MSU’s work has grown exponentially throughout Africa. Strategic long-term collaborations have engaged MSU faculty for more than 40 years in Senegal and Zambia; 30 years in Mali; more than 25 years in Malawi; 20 years in Mozambique; and 15 years in Kenya. Additionally, recent faculty research and service activities have taken place in many other countries, including Angola, Burkina Faso, Burundi, Gambia, Ghana, Guinea, Kenya, Namibia, Nigeria, Senegal, South Africa, Tanzania, Uganda and Zimbabwe.

Many MSU faculty members have focused on addressing the development needs of the African continent. These experiences have helped sharpen MSU’s focus on four research themes critical to the continent—food, environment, education and health.

“MSU faculty involvement in agriculture in Africa is probably the largest of any U.S. institution, including dozens of projects on food security, drought coping, food markets, women in development, new crop varieties and training African faculty,” says Duncan Boughton, associate professor for international development and co-director of MSU’s Food Security Group.

Boughton says there is terrific leadership in Africa on food security issues. “I also think it is fair to say that African MSU graduates have had an enormous role in developing that leadership over the years,” adds Boughton.

Having lived and worked for most of his professional life in sub-Saharan Africa, Boughton has been a part of the MSU team developing a set of core principles to guide the university’s food security work. “One of our core principles has been to build local capacity,” he says. “It’s really

important to focus on the local concerns and the problems in-country partners are interested in addressing.”

“It’s also important to note that not all of our advice is taken—and rightfully so,” he says. Boughton explains that when you come from a scientific or particular world region view you can only recommend what you think is best from your own perspective. “This is why it is so important to take a long term view,” he notes, adding that it’s the learning taking place on both sides of the partnership that often leads to success.

The Veterinary and Animal Science faculties have worked on livestock disease and production, game animals and species preservation. Medical faculty members have addressed the pathology, epidemiology, pharmacology and treatment of pressing topical diseases—HIV/AIDS, malaria, tuberculosis, schistosomiasis, onchocerciasis, hypertension and elephantiasis.

University Distinguished Professor John Kaneene leads a multi-disciplinary team looking to untangle the chain of tuberculosis infection between farmers, livestock and wildlife.

As a veterinarian, epidemiologist and public health expert, Kaneene is applying a disease prevention model developed in Michigan to the TB challenges in Uganda. At the same time, he is studying specific bovine TB strains that are most likely to infect people in Africa but also in the U.S. Kaneene is sharing that knowledge with other MSU researchers who are working on drug-resistant TB.

“Right now solving a problem requires an interdisciplinary approach,” says Kaneene. “And with a global disease like TB, it’s very important to look at the whole interface.



Aran Kessler/Kesslerphoto.net

Isaac Kalumbu (pointing), network coordinator for The MasterCard Foundation Scholars Program at MSU, leads a discussion with the first cohort of students that arrived on campus in fall of 2012—(l to r) Mohamadou Diatta, a freshman from Senegal majoring in computer science; Stella Nbanala, a graduate student from Mozambique studying plant breeding and genetics; Thelma Namonje, a graduate student from Zambia studying agriculture, food and resource economics; Mavis Dome, a graduate student from Ghana studying public policy in the College of Social Science; (Kalumbu); Barbara Kotei, a freshman from Ghana majoring in biochemistry; and Rebecca Nassimbwa, a graduate student from Uganda studying rehabilitation counseling in the College of Education.

“Currently we are working with partners at Johns Hopkins and Makerere University in Uganda to study the patterns of infection.”

Education faculty members have worked in African higher education administration and coordinated effective classroom practices across the continent. For their part humanities faculty members conduct research on African and Middle Eastern literature and film, religion, languages, language pedagogy, philosophy, music and history, and have the largest faculty on the history of Africa of any U.S. university.

Social scientists are working on a wide range of African topics, including women in African development, urban waste management and industrial pollution, standards for African exports, democratization and

civil society, environment, natural resource and water management, religion, fishing, health delivery, journalism and communications, development policy, globalization, climate change, water and land rights and U.S. foreign policy.

In 2008, accepting an honorary doctorate from MSU in absentia, Nelson Mandela issued this statement:

“It is a privilege to receive the honorary degree from Michigan State University. We recall your support during our struggle for freedom. Many universities and colleges, religious organizations, labor unions, and local and state legislatures followed this example. We are inspired by your numerous programs that continue to support our efforts to transform our country. In this spirit of continuing friendship we wish to

challenge you to act accordingly in addressing the many challenges confronting our continent and our world.”

A number of faculty members at MSU have applied strong pro-Africa standards to work in Africa. They are also at the forefront of promoting strong codes of research ethics for MSU faculty and graduate students in Africa and in upholding standards for partnerships with faculty in African universities and colleges. Faculty members and students also have a history of vigorously supporting human rights throughout Africa.

Diran Makinde, director of the African Union’s NEPAD (New Partnership for Africa’s Development) Planning and Coordinating Agency, African Biosafety Network of Expertise, describes his organization’s partnership

with MSU as one-of-a-kind.

“Throughout my career I have been involved in a lot of academic linkages, but I have never seen the way in which Michigan State University has committed itself to a partnership,” he says.

“We have a handshake that extends beyond the elbow,” says Makinde. “It is this type of handshake that has solidly defined everything between NEPAD and MSU. And that says a lot considering everything at NEPAD is about partnership.”

“We have learned a lot from our partnership with ABNE and NEPAD,” says MSU President Lou Anna K. Simon. “When we think about our job and the concept of a land-grant university it is always about listening and being able to mobilize your assets in ways that make a positive difference.”



MSU AND AFRICAN SCHOLARS

One of MSU's major contributions to Africa over the years has been through the thousands of African students who have completed bachelors, masters, and Ph.D. degrees at the university. MSU graduates have become vice presidents, legislators, ministers, permanent secretaries, vice chancellors, and directors of departments and institutes in government, higher education and the private sector across Africa.

MSU has long been popular with African students. "We offer the opportunity to interact with other African youth from far more countries, more ethnic and linguistic groups, and representing more differing stations of life than had been possible in their home countries," says Jeffrey Riedinger, dean of International Studies and Programs.

"Relationships are built at MSU, plans are constructed and networks emerge that serve students' needs and then throughout their professional careers."

Winnie Imbuchi, a junior studying comparative culture & politics from Kenya has found her home away from home at MSU. "I was persuaded that MSU was the ideal space for me to unite my Africanist vocation with my budding political consciousness," she says. "I gave up a couple of full ride scholarships to universities on the East Coast for the harsh Michigan winters and the chance to work with so many African scholars."

"More than a few of our African undergraduates return later to do graduate work or seek additional professional training," says Riedinger.

Looking forward to 2020 and beyond, it is clear that several

game-changing trends will have an enormous impact on how MSU equips its students and focuses its research particularly in Africa.

"These megatrends—urbanization and pressures on land; global connectivity; regional integration; access to education; changing population demographics; and the influences of democracy among others—will demand a unique set of skills," says President Simon.

Critical skills such as problem solving and cross-cultural communication will be essential, along with scientific and technical skills related to the environment and food industries; analytical expertise for operating in a market economy; greater understanding of policy impacts on all sectors of society; and a familiarity with the flow of capital around the world.

"If we are to bend the trend toward a more equitable and sustainable world, it is incumbent on us to put knowledge to work on these powerful currents that will benefit people at home, in Africa and around the world," says Simon.

Simon says MSU's connections

and international expertise are behind some recent and significant grants for education-focused programs. "The U.S. Agency for International Development awarded us \$24.9 million to set up a Global Center for Food Systems Innovation," she notes. "That center will connect a group of development problem-solving institutions, a holistic, interdisciplinary, sustainable approach to food systems that stresses knowledge of global mega-trends and local impact."

This past fall MSU announced a partnership with Toronto-based The MasterCard Foundation. Under a nine-year, \$45 million agreement the university has become part of a consortium of international institutions to train a large group of undergraduate and graduate African students and serve as the hub for the program's scholar and alumni network.



Stephanie Motschenbacher is the director of communications for MSU's International Studies and Programs.

AFRICAN STUDIES RESOURCES AT MSU

The African Studies Center, a unit serving faculty and students from 59 MSU departments, is one of the leading world area studies centers in the United States. Designated as a U.S. National Resource Center for African Studies by the U.S. Dept. of Education, the center provides vast opportunities for faculty and students to engage Africa in and outside the classroom.

MSU's Africana Library Collection is a leading collection in the U.S. and supports the university's research on Africa, as do the art and artifacts in the MSU Museum and the MSU Broad Art Museum. MSU disseminates African information through, among others, websites on African film and video, online curriculum on South Africa, African higher education, and African academic journals online.

African Online Digital Library is a portal to multimedia collections about Africa and its history, developed by the African Studies Center and MATRIX: The Center for Humane, Arts, Letters and Social Sciences Online at MSU. The digital collections are managed in cooperation with MSU's African Studies and partnering universities and cultural heritage organizations in Africa. Plans are underway to add digital tools in order to enable scholars to work with and add to these materials.

MSU's outreach program on Africa is the largest in the nation, including programs for 75 universities and four-year colleges and 29 community and junior colleges. The program focuses on teaching about Africa for undergraduate students. Outreach to school teachers, students, administrators, and board members includes resources such as Exploring Africa and South Africa: Overcoming Apartheid Building Democracy, two online secondary school curricula resources. Outreach to state and federal government and to legislators links Africanist scholarship to U.S. policy making on Africa, and these resources, as well as many others, are available to the general public, media and business.

Another area of emphasis has been MSU students' knowledge of African languages. With five African linguists, MSU offers approximately a dozen languages every year including Arabic, Chichewa, Hausa, Igbo, Kikongo, Swahili, Yoruba, Xhosa and Zulu. MSU's African Language Program is one of the leading programs in the nation aimed at improving African language instruction and creating a model for offering languages needed by scholars to conduct research in Africa.

As a leader in study abroad, MSU offers some 29 study abroad programs in Africa, more than any other U.S. university.

MSU AND AFRICA **BY THE NUMBERS**

29

Study abroad
programs
in Africa

AFRICAN
ALUMNI
2,554

African students
(Fall 2011)

191



Partnerships with
African institutions

24

Africa Research Awards
(2006-2011)

\$210 million

Ph.D. degrees on Africa
awarded annually
(1982-2012)

16

MSU AND **SOUTH AFRICA**

MSU has a unique history in South Africa (SA) as the only African studies faculty to vote to honor the UN cultural boycott of SA in the 1970s and 80s and the first major U.S. university to totally divest from stocks of companies operating under apartheid. MSU held five major national conferences and called for U.S. universities to educate South

Africans, including young refugees outside SA, at the M.A. and Ph.D. levels to prepare for “the New South Africa.” MSU also offered many fellowships to South Africans. As a result, more than 50 young South Africans graduated at MSU with M.A., M.S., and Ph.D. degrees to become faculty and professionals in building for a new integrated society.



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– Scott Westerman, MSUAA Executive Director

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Scan with your smartphone for more info about the Inaugural Ring March

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"Classy event. Very motivational!" "Honored to be a part of it."

"What a memorable way to present Spartan Rings! Those presenting and receiving will never forget the Ring March. Thank you MSU for making it so meaningful for us!"

"My wife and I enjoyed presenting my daughter's ring alongside the others. It instilled pride and was very inspiring. The Ring March will get bigger and better every year."

To learn more about the upcoming Spartan Ring March, contact MSUAA at 517.884.1000. MSU alumni may order their SPARTAN RING at balfour.com or by phone at 866.225.3687.



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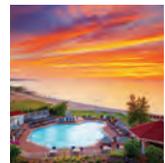
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MSU'S COMMUNITY

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NEW OUTREACH HEADQUARTERS



By Amanda Darche, '03

One of MSU's most popular community outreach efforts now boasts a new headquarters across from campus, positioning it to broaden its reach.

Although he received his degree nearly 50 years ago, Paul Howe, '65, still comes to the MSU campus for class every week. Rather than earning credits, he says he receives satisfaction, fulfillment and relaxation by playing music with the New Horizons Band, a program of MSU's Community Music School (CMS).

Howe is one of the more than 3,000 community members in the greater Lansing area who attend CMS every year. An additional 500 or so people participate every year in Detroit, where CMS opened a second site in 2009.

The activities vary from early childhood music education for children up to five years of age, who are just beginning to develop their musical skills, to the New Horizons Band for adults who want to challenge themselves by learning an instrument, to the Royal Conservatory Music Development Program, a nationally recognized standard of musical success that prepares young musicians for college or conservatory study.

CMS is the outreach division of the MSU College of Music and offers music to people of all ages, abilities and incomes.

This coming fall, CMS will celebrate its twentieth anniversary in a newly opened and renovated building in East Lansing.

The facility, bought in October, sits on Hagadorn Road just east of Shaw Lane. True to the land-grant roots of the university, CMS seeks to enrich lives and serve the community while providing enhanced educational opportunities to MSU students.

"It is natural to have a division that serves a broader public and also has the ability to provide additional and excellent opportunities for our students and faculty," says James Forger, dean of the College of Music. "CMS breaks down the stereotypical vision of a performer walking out on stage and playing something virtuosic. It's more than that. It is community-based. It is interactive with a whole range of individuals with varying experience and skill levels, from beginner to highly advanced. It is a very democratic process that values everyone regardless of ability."

Access to music education and music therapy is a major part of the CMS mission. The school is open to all ages and abilities and also strives to make programming possible at all income levels. To this end, the school offers financial aid to those with need. Each year, more than \$70,000 is granted to low-income students in Greater Lansing and Southeast Michigan. Financial aid dollars come from individual donations, charitable gifts and grants.



G.L. Kohuth/Communications and Brand Strategy



CMS Piano Area Chair and Composer-In-Residence Marjan Helms and Strings Area Chair and Suzuki Program Head Susanne Garber perform a duet at the spring open house. Currently, 20 MSU College of Music faculty, 64 undergraduate and graduate students and 69 professional musicians from the community teach or assist with programs at CMS in East Lansing and Detroit.



In 2006, the MSU Children's Choir won two Grammy Awards: Best Classical Album and Best Choral Performance for a compilation CD entitled "Songs of Innocence and of Experience," by Pulitzer Prize-winning composer William Bolcom. The children's choir performed the song cycle at Hill Auditorium in Ann Arbor when it was recorded in April 2004.



"Music is life giving," says Rhonda Buckley, executive director of CMS. "I've seen it transform the lives of participants, helping them recognize new skills and find great joy. The message is that music is not only for the elite, but for everyone. It can make a great difference in lives, which is why access cannot be fully dependent on one's ability to pay."

MSU students may take non-credit music classes at CMS for their own enjoyment, or they may become involved with CMS by teaching or taking MSU courses that use the school as a learning laboratory. Currently, 20 MSU College of Music faculty, 64 undergraduate and graduate students and 69 professional musicians from the community teach or assist with programs at CMS in East Lansing and Detroit.

"Keyboard Methods and Literature" is taught by Derek Polischuk, associate professor of piano and director of piano pedagogy in the College of Music. Under Polischuk's supervision, MSU students gain real-world teaching experience through CMS, where they teach the group piano class to children ages 7-9.

Music performance and music education double major senior Dan Miner took Polischuk's class last year. "Teaching at CMS was really an eye-opener to me as I had never worked in a group piano setting before," says Miner. "It opened the door for being creative in our teaching and doing many different types of activities to teach piano and music."

Another MSU course that partners with CMS to enhance student learning is "Music in Early Childhood," taught by Cynthia Taggart, professor of music education in the College of Music and area chair of early childhood music education at CMS. Early childhood music education classes are designed to immerse children in a rich, playful music environment and are attended by both the child and a caregiver, usually a parent.

The program was one of the original classes offered when CMS opened in 1993. Most of those who have passed through Taggart's course have become employed as teachers in early childhood music education. While some have stayed in the area and continued to teach at the school, others have pursued careers in academia themselves.

"The faculty that we have had in our program, who came here as graduate students, have gone on to do great things and have started programs at their institutions," says Taggart. "The good work here has really spread all over the country. It's fun to see it take off. There are people who have passed through our program and used our program as a sort of stepping stone to going on and doing their own terrific work. Many are doing research and really contributing to the knowledge base."

Brittany Chase is seeking her master's degree in music performance and has taken Taggart's course. She is currently an assistant teacher in two early childhood music classes at CMS.

"The connection between CMS and Dr. Taggart's class is inseparable, and I cannot imagine taking such a class without the experience of working with children," says Chase. "Doing mock teaching with your peers is helpful, but you learn so much more when experiencing these things with children. It helps to have that exposure to a real classroom and start gaining the information that can only come through the first-hand experience of teaching."

CMS students include infants, octogenarians, MSU college students and everyone in between.

Sophie Spano, age 10, is a member of the CMS Singers, one of six youth choirs at CMS. Her mother, Elizabeth Marazita, '94, heard about the program through a friend and enrolled Sophie one and a half years ago.

Photo by Amanda Darche



The message is that music is not only for the elite, but for everyone. It can make a great difference in lives.

“I think there are connections to hard work and good character that are also core music values,” says Marazita. “Music is a universal language that she is learning. It is truly a community

choir and a way to meet other families with similar interests. I appreciate that they sing in so many different community venues. Knitting together so many community affiliations is good for our children’s souls.”

Community collaboration is a key component of CMS, allowing the school to reach even deeper into Greater Lansing and Detroit. CMS partners include the Detroit Symphony Orchestra, the Lansing Symphony Orchestra, Early On, Hospice of Lansing, Coalition on Temporary Shelter and the Community Mental Health Authority of Clinton, Eaton and Ingham Counties.

The partnership with Community Mental Health makes music therapy group sessions possible for more than 20 adults with special needs each year. In the sessions, participants use music to build skills such as socialization, communication and motor skills under the guidance of a board certified music therapist. The project is partially funded by the Capital Region Community Foundation.

Nathan Wood, senior developmental disabilities clinician at Community Mental Health, is one of the staff members who accompany the two groups to CMS each week.

“We really enjoy music therapy sessions,” says Wood. “Every time we go, we are delighted to attend and excited about what is going to happen. When those who are non-verbal participate and smile from ear to ear, we know they are pleased to be a part of music therapy.

“When monies are invested in people, the return is most rewarding for them, their families and the community. It makes their lives more fulfilling.”

The CMS experience is different for each student. Some students, like Howe, attend because they enjoy making music. Students like Spano participate for a sense of community and to gain important life skills. Others, such as those who participate through Community Mental Health, use music as a therapeutic intervention. Still others ultimately find their career paths through study at CMS. This was the case for music education sophomore Cody Edgerton.

Edgerton first came to CMS at age four. He participated in early childhood music classes, private piano lessons and music theory classes. Today, Edgerton is a sophomore music education major. He also plays snare drum in the MSU Drumline.

“Early experiences at CMS laid the groundwork for my continued musical career here,” says Edgerton. “I think I often take it for granted that I was raised with a musical background and musical training, and that many of my classes now as a music major are more manageable because of these skills.

“Without a doubt, these classes have made me a better musician today, but also a better teacher of music because I understand musicianship at a broader level.”

Megan Bowker, ’12, had a similar experience. She began attending CMS at age six, studying violin through the Suzuki program and also taking music theory classes. Suzuki is a pedagogical method of teaching that follows the premise that learning is the product of environment and relies upon the parent-student-teacher triangle of learning. Bowker studied at CMS until she graduated from high school.



Photo by Amanda Darche



G.L. Kohuth/
Communications and
Brand Strategy

*(Clockwise from top left)
The MSU Suzuki Strings Program
performing in the community. A Rock
Camper performs at Lansing's Common
Ground Music Festival. Graduate student
and CMS faculty member Haobing Zhu
performs during the CMS spring open house.
The New Horizons Band, for adults
learning to play an instrument,
performs for a holiday concert.*



Photo by Cathy Ellis



“CMS has pretty much shaped me as a musician,” Bowker says. “I practically started here. It’s not just the information that has shaped me, but the people too. I feel lucky to have that. I got a really full musical education here, and it prepared me really well to go to Michigan State University.”

Since her graduation from MSU, Bowker has transitioned to teaching at CMS and now teaches alongside those who once taught her. She gives violin lessons, runs Suzuki group lessons and offers a beginning violin class.

“I feel like I am giving back to the school that gave me so much when I was little,” she says.

With its new location on Hagadorn Road, the school is positioned to reach a broader population. The site is more convenient for MSU students and is now located on a bus route. The site also offers greater visibility since it is now on a main road.

“Our new location gives us a terrific opportunity to engage with the university and community in new ways,” says Buckley. “We are expanding our offerings, connecting with new groups on campus, and increasing our role as a hub for arts and culture in the area. We’re excited about what our next 20 years will bring and tremendously thankful for the support of the university and the community.”

Amanda Darche, '03, is the grant writer and communications coordinator for the MSU Community Music School. She attends early childhood music education classes at CMS with her one year old daughter.



Music for All

To make music accessible to everyone, financial aid is available for students who meet income requirements. In 2011-12, 590 people at CMS East Lansing and CMS Detroit received nearly \$80,000 in assistance. Financial aid dollars come from gifts received from corporations, foundations and individuals. If you wish to support CMS, send your gift to:

MSU Community Music School
4930 S. Hagadorn Rd.
East Lansing, MI 48823
Please indicate “CMS-EL financial aid” or
“CMS-D financial aid” in the memo line.
Gifts may be made online at cms.msu.edu/give.



A young bassist from CMS Detroit performs.

Photo by Studio Lumumba

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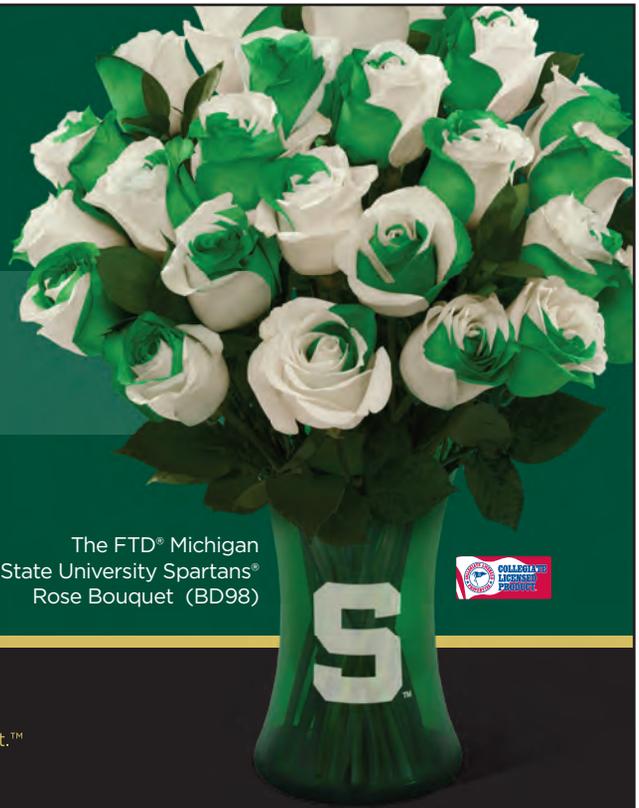
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GREENER

ON THIS SIDE OF THE FENCE

MSU is playing a key information role in the global effort to improve the grass we use in our lawns, stadiums, playing fields and golf courses.

By Robert Bao

Does your favorite golf course have excellent grass on the tees, fairways and greens? Does the grass in your local park or football stadium seem more hardy and resistant to wear than in the past?

If so, you might owe thanks to the MSU Libraries.

Yes, MSU Libraries is the world's single most important repository for knowledge about turfgrass. It may be one of the best kept secrets around.

The story of how this happened is worth telling, if only to show how much care and effort is normally invested in excellence. It begins with the United States Golf Association (USGA), the governing body for golf in the U.S. Most people are probably aware that the USGA, along with the Royal and Ancient Golf Club of St. Andrews, Scotland, oversees the rules of golf. Most are probably aware also that the USGA conducts many golf competitions, including the U.S. Open and the U.S. Amateur competitions for both men and women.

But what few people know is that the USGA also works aggressively to support turfgrass research. It promotes work that leads to improved strains of grasses—such as ones requiring less water or fertilization, are more disease and heat resistant or can thrive better in shade. It also tests the best practices for turfgrass management. Many of these USGA-supported research initiatives have been conducted by MSU turfgrass faculty.

The USGA turfgrass effort ultimately leads not only to better fairways in golf courses, but also better lawns, parks, Olympic stadium fields and just about anything that uses or requires grass.

The Green Section

The USGA arm that handles the funding and oversight of the research program is known as the Green Section. In the mid-1970s, Green Section staff, as well as members of their Advisory Committee, began to notice a disturbing trend—requests kept pouring in for research that had already been undertaken. It was clear that turfgrass researchers were unaware of the results of projects already completed.

“Researchers normally identify and review previous studies on a given topic before undertaking any research,” explains Cliff Haka, director of MSU Libraries. “You would look up published results, typically in scholarly journals or research reports. The problem was that there was no index to the literature of turfgrass.”

As a librarian, Haka well understands the critical importance of indexing research. One key role played by libraries anywhere is to provide various types of indexes—such as the generic *Readers Guide to Periodic Literature*, or the more focused *Agriculture Index*, or current online tools such as *PubMed* or *Web of Science*.



With all the subscribers in Australia, Canada, Europe and the United Kingdom, MSU's Turfgrass Information File is achieving world-grant status.

An Index is Born

So why was there no such index for turfgrass? Mainly because there was no commercially sustainable market, explains Haka. Indexes are labor-intensive and expensive to produce, thereby requiring a substantial number of purchasers if the product is to prove economically viable. Around 1980 only a limited number of universities were conducting serious turfgrass research.

"An index publisher counts on selling hundreds and possibly thousands of subscriptions," notes Haka. "There was an extremely limited market for an index of turfgrass research literature."

The USGA realized, however, that no science can progress effectively without an appropriate index. So in the 1960s, USGA officials began to discuss this idea with Richard Chapin, then director of the MSU Libraries.

Why MSU? The development of an index requires access to the literature itself, and at that time the MSU Libraries held the most comprehensive collection of turfgrass literature in existence. So an arrangement was made for the USGA Green Section to

support the development of a turfgrass index with the expectation that subscriptions would cover operating costs within a limited number of years. The transition to a subscription based model, however, did not quite materialize, validating the reluctance of commercial publishers to pursue such an endeavor.

The TGIF

Regardless of the looming financial prospects, in 1982, the Turfgrass Information Center (TIC) was established as a unit within the MSU Libraries and given the charge to produce an online index of turfgrass literature. The online index came to be known as the Turfgrass Information File, or TGIF. The indexing commenced and before long a substantial body of literature was represented within TGIF.

"Unfortunately, getting to the data remotely was no easy matter, as widespread access to the "World Wide Web" was still a decade away," notes Peter Cookingham, director of the TIC since 1985. "It was a slow and frustrating process. Subscribers

would need to contact the TIC staff, request that a search be conducted, after which the results would be mailed or faxed to the requestor."

While concerns about access grew, it was clear that an impressive and unique database was being assembled, prompting the USGA Green Section to continue providing at least partial support for the operation, as subscriptions had not grown to cover annual costs.

Funding Sustainability

In 1997, Haka, then newly-appointed as director of libraries, tried to find a sustainable solution to the financial gap. His annual cost of operating TIC was around \$200,000, while subscriptions were bringing in only around \$50,000 per year.

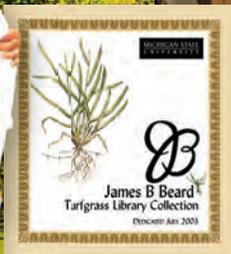
Haka proposed to the USGA to fund an endowment, so that yearly income would cover the operating costs. He anticipated that with the advent and growth of the web, many data access issues could be eliminated. The USGA Green Section was loath to see the project abandoned, so eventually it pledged \$1 million to the endowment. The fund stands at

\$3.5 million today and produces enough income to take care of most of the operating costs.

"What was interesting is how quickly support for this endowment grew once it was established," recounts Haka. "Our staff came into contact with a wide variety of golf-related organizations."

One example is the Golf Course Superintendents Association of America (GCSAA), an organization for those who manage the turf at golf courses. They loved the TGIF, but wished that it could also provide actual access to the literature that was indexed. This was not much of a problem for turfgrass researchers, the audience for whom the USGA Green Section had originally envisioned as being served by TGIF, as most turfgrass researchers reside at universities where a research library provides access to the actual materials. No such option existed for a golf superintendent at a golf course. This led practitioner groups, such as GCSAA, to suggest that TGIF add the full-text of indexed materials.

"In retrospect it is clear that had TGIF not headed in this



James and Harriet Beard donated to MSU what is considered “the finest compilation of turf-related material in existence.”

Cliff Haka (left) and Peter Cookingham posed in the Turfgrass Information Center at MSU’s main library.

direction, it would now be largely irrelevant, as contemporary users expect to have one or two-click access to desired resources,” says Haka.

MSU embarked on improving the TGIF in a big way. Early full-text efforts included the scanning and loading of all USGA turfgrass-related materials, followed by the monumental task of assembling and scanning the complete back file of *Golf Course Management*, the publication of GCSAA. This project alone processed more than 85,000 pages. In total, more than 270,000 pages of full-text are now available, with more pages being scanned on a daily basis, says Cookingham.

Practically speaking, this implies that for more than half of the 200,000 items indexed within TGIF, a user can move directly from the search results to the full-text of the item. In 2011, nearly 1.4 million searches of the TGIF database were conducted, while more than 5.6 million items were downloaded for use.

Becoming World-Class

“The TGIF is the single most valuable resource we have world

wide,” says Trey Rogers, professor of turfgrass management in MSU’s Dept. of Crop and Soil Sciences. “I make sure our students get exposed to the TGIF from the time they come in until they leave.”

Just as clear as its success has been its need for additional funds to cover the costs associated with the scanning projects, which have been absorbed by the digital services unit within the MSU Libraries.

“We have an obligation to store and maintain these massive digital files for future generations, which is non-trivial,” says Haka. “We need to expand the endowment so that these obligations can be successfully engaged moving forward.”

Haka notes that supporting the research and providing access to practical information for practitioners constitute the classic land-grant mission.

“In my opinion, with all the subscribers in Australia, Canada, Europe and the United Kingdom, the Turfgrass Information File is achieving world-grant status,” concludes Haka.



The Noer and Beard Collections—Why TIC is the World’s Best

At the heart of the TIC are two vital collections; together they make MSU the world’s top public repository of turfgrass information.

In 1968, MSU received the O.J. Noer collection, which Cookingham calls “the strongest public collection of turfgrass information ever assembled.” The collection comprised some 6,000 volumes and came courtesy of the O.J. Noer Foundation. Noer hailed from Wisconsin and was widely considered the world’s preeminent field turfgrass agronomist.

In 2003, MSU received Harriet and James B. Beard’s collection of turfgrass research materials—roughly some 4,000 volumes. “This resource is considered the finest private compilation of turf-related material in existence,” says Cookingham, noting that its international turfgrass research and management literature includes books, periodicals, dissertations and technical reports.

*Beard taught at MSU from 1961-75 and published the classic book, *Turfgrass: Science and Culture* (1973), “the only true treatise ever written on turfgrass science,” says Cookingham. His *Turf Management for Golf Courses* (1982) remains the best-selling reference work in the field. Beard also recently published Beard’s *Turfgrass Encyclopedia for Golf Courses – Grounds – Lawns – Sports Fields* (MSU Press).*

In the 1960s, Beard and then MSU Librarian Richard Chapin began to systematically assemble turfgrass publications for the MSU Libraries. Eventually, the Turfgrass Information File (TGIF) will provide article-level access to all items within these collections.

☛ For more information go to tic.msu.edu.



Thank Goodness **for TGIF**

For most people, TGIF suggests looking forward to the weekend. But to me, and to those in my field of turfgrass management, the acronym stands for something a little more significant...

When I began as an undergraduate at MSU in 1994, the TGIF—or Turfgrass Information File—was a very new resource offered to students, staff and professionals who sought knowledge about turfgrass and the industry. I spent much time in the library reviewing research articles and probing deeper into what we learned in class. As an alumnus of the MSU Turfgrass Management program, and currently the athletic turf manager for MSU's Dept. of Intercollegiate Athletics, I credit this resource for helping our successes over the past nine years—including the renovation of every outdoor athletic facility here.

Availability via the Internet and industry partnerships, such as with the USGA and the Sports Turf Managers Association, helped to grow the library and also make it more accessible across the globe.

I want to thank Pete Cookingham and others who have been instrumental in maintaining and expanding the TGIF.

—Amy J. Fouty, CSEFM, Athletic Turf Manager, MSU

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Photos by Matt Mitchell/MSU Athletic Communications



HOOPSTERS ENJOY A COMPETITIVE RUN

By Robert Bao

Despite a season-opening loss in Germany, the Spartans fought their way back into the national spotlight through one of the toughest Big Ten gauntlets ever.

The Izzone calls for a win as Nix scores two of his 14 points against the Wolverines.

It was yet another vintage Tom Izzo season. Overlooked by national pundits, the 2012-13 MSU cagers clawed into national relevance, rising to No. 4 by late February with wins over Kansas, Minnesota, Wisconsin, Ohio State and Michigan—all ranked teams. The Spartans wound up 24-7 overall and tied for second place in the Big Ten at 13-5, a late bounce or whistle from retaining the conference title.

What distinguished this year's hoopsters was their ability to recover from setbacks. MSU began the season with yet another first—an overseas opener against UConn at Ramstein AFB, Germany. It was a memory-making event for the players in every way but the result, a 66-62 loss. Four

days later, the MSU team came back to beat Kansas 67-64. The Jayhawks would rise to a No. 1 ranking in late January.

MSU lost its conference opener at Minnesota, then No. 19, but rebounded to beat Wisconsin in its daunting venue in Madison, led by forward Branden Dawson's 18 points and 13 caroms. MSU lost at top-ranked Indiana, then roared back to destroy No. 4 Michigan 75-52 at home. The Spartans often followed up a lackluster first half with an explosive second half. In close games, MSU made many key plays at game's end—late layups by junior guard Keith Appling, for example, sealed wins against Kansas and Ohio State.

Perhaps this season's biggest challenge was the schedule, which was ridiculous even by Izzo standards. The preseason included the likes of UConn, Kansas, Texas and Miami (FL), reflecting Izzo's "anyone, anywhere" philosophy. In conference play, MSU had to play 11 games against teams that were ranked. Of special note was a late-season gauntlet against the four top league foes in a row—No. 1 Indiana, Ohio State, No. 3 Michigan and Wisconsin. The Spartans lost three in a row by very slim margins, and still managed to stay in the top ten of the AP national poll.

MSU did well to stay competitive, especially with assorted injuries to guards Gary Harris, Keith Appling and Travis Trice, along with the unexpected departure of Brandan Kearney. At times down to its barest core of players, the Spartans always competed hard till the final buzzer. Thankfully, freshmen Denzel Valentine and

Matt Costello improved throughout the season and provided key back-up minutes—including grabbing 15 caroms against the Wolverines. Appling recovered quickly from a separated shoulder, but Trice lost significant playing time with a broken nose and concussion.

This year's Spartans tended to methodically nurse small leads to victory; seldom did they blow opponents away. An exception occurred when archival Michigan visited in mid-February with a lofty ranking and mountains of press clippings. MSU responded with a "white-out" at Breslin Center that turned into the proverbial buzzsaw. The Spartans waltzed to a 75-52 triumph and offered delirium (but no suspense) as the clock ticked down. Derrick Nix and Adreian Payne dominated the paint while Harris notched 17 points on five treys. It was a "perfect storm" for MSU of shooting, defense, rebounding and arena

atmospherics. A Wolverine player said after the rout, “They bullied us, point blank.”

Nix emerged as a force this season with his back-to-the-basket skills and his ability to kick the ball out to shooters, such as Harris, Appling and even the 6-10 Payne—who emerged as a high-percentage shooter.

MSU was able to secure wins against every ranked team in the conference except for Indiana, which swept MSU twice. Coached by former MSU assistant Tom Crean, the Hoosiers

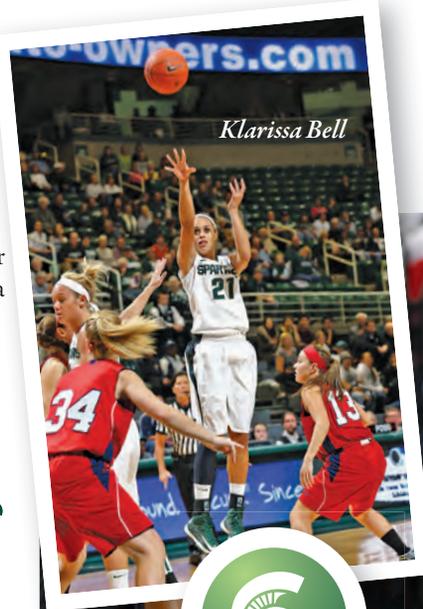
Co-captain Appling (right) huddles with (l to r) Valentine, Payne and Harris.

were ranked No. 1 for much of the season. But Spartan wins over Ohio State, Michigan, Minnesota and Wisconsin—not to mention Kansas and Texas—helped build the team’s RPI and prepare it for the postseason.

Helping Izzo on the bench are assistants Dwayne Stephens, Dane Fife and Mike Garland. 🟢

Izzo orchestrates the “perfect storm” on Feb. 12, a 75-52 rout of archrival Michigan.

Dawson (bottom), seen here driving past a defender, produced timely thefts for MSU besides points and rebounds.



Klarissa Bell



Suzy Merchant



WOMEN HOOPSTERS SURMOUNT INJURIES

Despite a rash of injuries, three of them season-enders, MSU women cagers set a record winning streak to start the 2012-13 season.

In her sixth season, Suzy Merchant has achieved remarkable consistency—at least 20 wins a year, a 75 percent winning clip and a Big Ten second place or better and NCAA appearances for four straight years.

Merchant has achieved success despite not having the stars always aligning, such as the surge of injuries in 2012-13. Junior center Madison Williams, a McDonald All-American and 2010 Michigan Player of the Year, and freshmen Ariel Powers and Brannndais Agee, all suffered season-ending injuries while two players, including starter Kiana Johnson, were suspended for nine games for a technical infraction. Down to a core of just seven players, MSU rattled off eight wins for the best start in program history. MSU finished with a 22-7 record, 10-6 and a third-place tie in the Big Ten. It was the 11th straight season that MSU has managed double-digit wins in the conference.

MSU’s amazing start, and winning consistency, was keyed by defense—one of Merchant’s hallmarks. In the eight-game winning stretch, MSU led the nation in scoring defense with 41.4 points allowed while leading the Big Ten conference in 3-point field goal percentage defense. MSU held a record 15 teams under 50 points this season.

On offense, junior forward Klarissa Bell emerged as MSU’s most productive option scoring some 11.4 points a game, seven points better than last season, while senior guard Jasmine Thomas averaged 10 points a game and filled in ably at point guard for Kiana Johnson until mid-December. Other pillars for the team included senior Courtney Schiffauer and juniors Jasmine Hines, Becca Mills and Annalise Pickrel. Once she returned to the lineup, Johnson asserted herself and led MSU in scoring and assists.

Another Merchant hallmark is her reluctance to fold late in games. If MSU is ahead with five minutes left, the team has a 96 percent chance of winning the game. That has been sustained in 115 out of 120 games under Merchant. 🟢



Matt Mitchell/MSU Athletic Communications



MSU WINS BWW BOWL GAME—Dec. 29, 2012: In a thriller, MSU beat Texas Christian 17-16 at the Buffalo Wild Wings Bowl in Tempe, AZ. Le’Veon Bell garnered 145 rushing yards and a late touchdown while Dan Conroy’s 47-yard field goal with 1:01 left provided the winning margin. Safety Roger Williamson recovered a TCU fumble of Mike Sadler’s 55-yard punt. Backup quarterback Connor Cook directed second-half scoring drives of 90 and 45 yards. “We pushed through the tough times,” Dantonio says, who now boasts a two-game winning streak in bowl games. “We stayed composed all the way through to the end.”



ALL-AMERICA HONORS—Two MSU volleyball players received All-American honors from the American Volleyball Coaches Association (AVCA)—Junior

outside hitter Lauren Wicinski (second team) and sophomore libero Kori Moster (honorable mention). A native of Geneva, IL, Wicinski ranked fourth in the NCAA in service aces per set with 0.63 and was seventh in the country in points per set with 5.33. She broke the MSU single-season record for service aces with 81. A native of Cincinnati, OH, Moster led MSU with 4.67 digs per set (second in the Big Ten) and also had 0.26 service aces per set. MSU advanced two rounds in the NCAA tournament.

YOUTH ON ICE— The 2012-13 season saw MSU icers skate to a 10-22-3 record, (8-17-1 in the CCHA’s final season).

Coach Tom Anastos could not make up for the lopsided youth of the team, which included 12 freshmen, about one-third of the team. Nor could Anastos

make up for injuries, which at times pared the defense down to a mere five players. Freshman goalie Jake Hildebrand, however, impressed with his dazzling



Matt Mitchell/MSU Athletic Communications

saves. In mid-January he earned CCHA honors by stopping 65 of 67 shots during a weekend split with Notre Dame. He and junior goalie Will Yanakeff make a daunting twosome at net. Although the young offense struggled, several players emerged as scoring threats—including Matt Berry, Brent Darnell, Greg Wolfe, Tanner Sorenson and Matt DeBlouw, all scheduled to return next season along with some promising newcomers.

VARSITY S CLUB DIRECTOR—Former MSU defensive back Alan Haller, an associate athletics

director for administration since 2010, has been named the executive director of the Varsity ‘S’ Club, a club with 1,500 members, most of them former MSU letter winners. “Spartan student-athletes are the core of our department,” says MSU Athletics Director Mark Hollis. Previously, Haller was a 1st Lt. for the MSU Police Dept. Haller earned All-Big Ten honors as a cornerback for MSU in 1988-91 and also spent three seasons in the National Football League from 1992-95. The MSU Varsity ‘S’ Club will celebrate its 100-year anniversary in 2015.

YEWIC IS HONORED—Feb. 3: In 1954, Tom Yewcic quarterbacked MSU to a Rose Bowl victory and later was named MVP of the College World Series; he made All-American in both sports. He played professionally for the Detroit Tigers and the (then) Boston Patriots. A member of Biggie Munn’s famed “Pony Backfield,” Yewcic is the fifth Spartan baseball player to have his jersey retired. He was honored at MSU’s First Pitch as the 2013 Spartan Baseball Alumnus of the Year. Serving as keynote speaker was longtime Atlanta Braves pitcher John Smoltz, a Lansing native who almost played for MSU. The only major league pitcher with 200 wins and 150 saves, Smoltz earned all-star honors eight times and won the 1996 Cy Young Award.

(L to r) Kirk Gibson, Tom Yewcic, Head Coach Jake Boss, Jr., and John Smoltz were the headliners at this year’s First Pitch, the baseball fundraiser.

Matt Mitchell/MSU Athletic Communications



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April 18-26
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Spartan Pathways Tour
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April 21-30
Spain-Barcelona &
San Sebastian
Spartan Pathways Tour
alumni.msu.edu/travel

April 26
Kaleidoscope: A Day
For Women
Kellogg Hotel &
Conference Center
alumni.msu.edu

April 28
Ring March
Beaumont Tower
alumni.msu.edu

MARCH 2013

March 25 -April 1
Cuba - The People,
Culture and Art
Spartan Pathways
Tour
alumni.msu.edu/travel

March 28-April 8
Costa Rica's Natural
Heritage
Spartan Pathways
Tour
alumni.msu.edu/travel

MAY 2013

May 11 - 29
Essential Europe for New
MSU Graduates
Spartan Pathways Tour
alumni.msu.edu/travel

May 25 - June 4
Southwest National
Parks
Spartan Pathways Tour
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ALUMNI REUNION EVENT CALENDAR

MICHIGAN STATE
UNIVERSITY

Alumni Association

JUNE 2013

June 6 - 7

Alumni Reunion Days
Kellogg Hotel &
Conference Center
alumni.msu.edu

June 9 - 16

James Madison College
Florence Alumni Travel
Abroad Tour
Spartan Pathways Tour
alumni.msu.edu/travel

June 24 - July 5

Baltic Treasures
Spartan Pathways Tour
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June 25 - 27

Grandparents University
MSU Campus
grandparents.msu.edu

JULY 2013

July 9 - 17

College of Arts
and Letters
Arts & Culture in
Germany
Spartan Pathways Tour
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July 12 - 22

Alaskan Frontiers &
Glaciers
Spartan Pathways Tour
alumni.msu.edu/travel

July 15 - 23

Prague: An Insider's
Perspective
Spartan Pathways Tour
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July 22 - August 4

Euro Spree: A Two-
week Extensive Tour of
Europe
Spartan Pathways Tour
alumni.msu.edu/travel

AUGUST 2013

August 14 -27

British Isles &
Norwegian Fjords
Spartan Pathways Tour
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August 24 - September 7

Odyssey to Oxford
Spartan Pathways Tour
alumni.msu.edu/travel

August 27 - September 6

Great Journey through
Europe
Spartan Pathways Tour
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May 28 - June 12

Jewels of Antiquity:
Cannes to Venice
Spartan Pathways Tour
alumni.msu.edu/travel

May 31 - June 8

Flavors of Tuscany
Spartan Pathways Tour
alumni.msu.edu/travel





ALMA MATTERS

Colorado Club



at Badlands Golf Club to benefit the club's scholarship fund. Special guests included visually impaired world-class triathlete Aaron Scheides. ▲

SACRAMENTO VALLEY, CA—Oct. 20: Over 40 area Spartans attended the Michigan game watch at MVP Sports Grill in Sacramento, which raised funds for club events and scholarships.

REGIONAL CLUBS

CENTRAL OHIO—Oct. 20: About 80 area Spartans attended an annual gathering with the University of Michigan club to watch the game at Gallo's Taproom, Columbus, where the interclub trophy changed hands after four years with the Spartan club.

COLORADO—Nov. 10: ▲ About 30 area Spartans gathered for the 2nd Annual Spartoberfest, a bus tour of various craft breweries in the Denver area. About \$300 was raised for the club's scholarship fund.

DC SPARTANS—Dec. 15: About 30 area Spartans gathered to honor fallen soldiers by helping Wreaths Across America take care of over 224,000 graves at Arlington National Cemetery in Virginia. Dec. 2: Almost 30 ▼

area Spartans attended the 2nd Annual Holiday Tea at the Willard InterContinental Hotel in Washington, DC. Special guests included former Gov. Jim Blanchard and MSU School of Criminal Justice Alumni Association President Paul Sparks. Nov. 28: Almost 20 alumni gathered at the Velocity 5 Falls Church in Virginia to register for the MSU VA license plate and watch MSU take on Miami in the ACC/BIG Challenge.

EASTERN WAYNE COUNTY—Dec. 27: About 20 area Spartans attended the Wisconsin basketball game watch at the Village Grille in Grosse Pointe Park. Oct. 25: About 80 area Spartans gathered for the Foster Care Event at the MSU Detroit Center. Special guests included Maura Corrigan, director of the Michigan Dept. of Human Services, and Gary Anderson, director of the MSU School of Social Work.

LAS VEGAS, NV—Aug. 17: About 80 area Spartans attended the annual scholarship fundraiser

SAN ANTONIO, TX—Nov. 10: About 24 area Spartans gathered on The Haven for Hope campus at the San Antonio Food Bank's Kitchen to volunteer as a service day project. ▼



SARASOTA-BRADENTON, FL—Oct. 20: More than 50 area Spartans gathered at the home of Gary and Amy Easterling for an annual Spartan Fund event. Special guests included MSU Gymnastics Coach Kathie Klages, Dorn McGaw and Otis Wiley from the Spartan Fund, and the MSUAA's Tim Bograkos.

THE VILLAGES, FL—Dec. 13: More than 60 area Spartans attended a hayride and





bonfire at the Cotton Farms ▲
Christmas display in Weirsdale, FL.

UTAH—Nov. 24: About 30 area Spartans gathered for the Minnesota game watch at the Legends Pub and Grill in Salt Lake City. The event raised \$150 and 15 large boxes of food for the Utah Food Bank. Oct. 21: MSU alum Karl Geis summited Mt. Kilimanjaro at 19,340 ft. ▼



LIVINGSTON COUNTY—Nov. 10: Area Spartans gathered at the Oak Pointe Country Club in Brighton for the annual Sparty Gala. The event raised \$4,000 for textbook scholarships. Special guests included MSU Baseball Coach Jake Boss, Jr., sportswriter and author Jack Ebling and former MSU football star Otis Wiley, now with the Spartan Fund.

WESTERN PENNSYLVANIA—Oct. 20: About 25 area Spartans gathered at the residence of Linda Rasor and Mike Hennesey in Pittsburgh to watch the Michigan game. Jun. 24: About 30 area Spartans attended a tailgate party at PNC Park in Pittsburgh following the Pittsburgh Pirates vs. Detroit Tigers baseball game. ▼



CONSTITUENT ASSOCIATIONS

ARTS AND LETTERS—Oct. 17: Over 50 people gathered in Wells Hall to listen to a lecture, “From Student to Professional,” by CAL alumnus Peter Stougaard. Oct. 13: More than 200 people gathered at Adams Field to celebrate Homecoming and CAL’s 50th Anniversary. Oct. 10: Over 50 people gathered in Wells Hall for a visit from Top Gun screenwriter Jack Epps, Jr.





BROAD COLLEGE OF BUSINESS—Oct. 1: About 70 people attended a golf outing at North Shore Country Club in Glenview, IL, hosted by club member and Financial Markets Institute (FMI) advisory board member Ted Neely. The event raised funds for the FMI Endowment.

JAMES MADISON—Sep. 6: ▶ About 125 people gathered for a pizza night in Case Hall to welcome students and network with alumni.



MUSIC— ▲ Oct. 12: About 180 people attended a special concert at the dedication of the new Cook Recital Hall, which was made possible thanks to donors Byron



and Dee Cook. Special guests included President Lou Anna K. Simon, (then) Provost Kim Wilcox, Trustee Joel Ferguson,

Dee and Byron Cook, Dean James Forger, Associate Professor of Voice Melanie Helton and student Kimberly Wren.

OSTEOPATHIC MEDICINE—

Sep. 26: About 200 people gathered at the Kellogg Center for the MSUCOM Silverfest. Special guests included President Lou Anna K. Simon, and Stephen and Grozda Swetech. Sep. 22: About 400 alumni and friends gathered before the Eastern Michigan game ▶ for the Silverfest tailgate. Sep. 21: About 70 people participated in the 14th annual Osteopathic Open at MSU's Forest Akers West Golf Course. Funds were raised for student scholarships and the MSUCOM Alumni Association.



THE TROUT LEGACY IN FOOD SCIENCE LIVES ON WITH SCHOLARSHIP

Derrick Turner/Communications and Brand Strategy



“The greatest thing a scholarship gives you is the ability to get involved in helping your department,” says MSU senior Julia Brantsen about receiving a scholarship from the G. Malcolm Trout Fund and her involvement in the Department of Food Science and Human Nutrition.

Brantsen served as president of the Food Science Student Club in 2011; a demanding job since the 50-member group meets weekly, typically with invited industry representatives. Brantsen, who works in the lab of Associate Professor John Partridge, also completed two internships and took advantage of an intensive Study Abroad experience in international food law in Europe. She plans to pursue graduate school and hopes to land a position in product development or quality control.

Julia Brantsen, recipient of the G. Malcolm Trout Scholarship, examines cheese samples for quality control testing in the lab of Dr. John Partridge.

“My experience in the department has been invaluable,” she says. “I can’t imagine being better prepared than I am. But I wouldn’t have been able to do what I have without scholarship support.”

The scholarship fund honors G. Malcolm Trout, a giant in Michigan State’s history, known for his pioneering research on the homogenization of milk conducted during his nearly 50 years on the MSU faculty. MSU’s Food Science Building was renamed the G. Malcolm Trout Food Science and Human Nutrition Building following Trout’s death in 1990.

“Professor Trout is a legend,” Brantsen says. “I was very excited to be chosen for this honor.”

The G. Malcolm Trout Endowment, first created in 1982, provides scholarships to Michigan students in three departmental majors, Food Science, Dietetics and Nutritional Sciences; and a visiting scholar/ lectureship. A Trout Council within the department is active in continuing to develop the fund, now valued at more than \$700,000, to carry on Trout’s legacy and learning.

Brantsen plans on being a part of it. “I definitely plan on being active as an alumna,” she says. “I put too much in to leave it all behind.”

▶ For information on making a gift to the G. Malcolm Trout Fund, contact Associate Director of Development Kate Powers at powers@msu.edu; (517) 355-9547.

INTERNATIONAL CLUBS

BEIJING, CHINA—Oct. 17: About 16 Spartans gathered to elect their first ever Executive Board at the Donglaishun restaurant in the Dongcheng district. Special guests included (then) MSU Senior Associate Provost June Pierce Youatt and Weijun Zhao, director of MSU China Programs.

JAPAN—Sep. 29: About 20 area Spartans gathered at the Kurawan Restaurant in Tokyo for the MSU Alumni Club of Japan Annual Meeting. Special guests included MSUAA Assistant Director Tim Bograkos. ▼



SPARTANS & SCHOLARSHIPS—MSU Alumnus Travis Talboys (left) poses with fellow Spartan James D. Spiros, '94. An attorney in Danville, IL, Spiros established the Spiros Family Perseverance Scholarship at the John Marshall Law School, Chicago. The first recipient of the scholarship is Talboys, who was admitted into the 2012 Summer College to Assess Legal Education Program.

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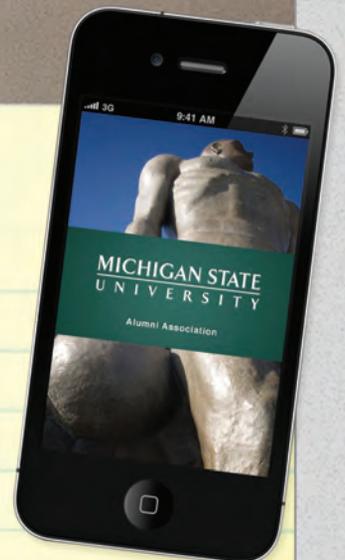
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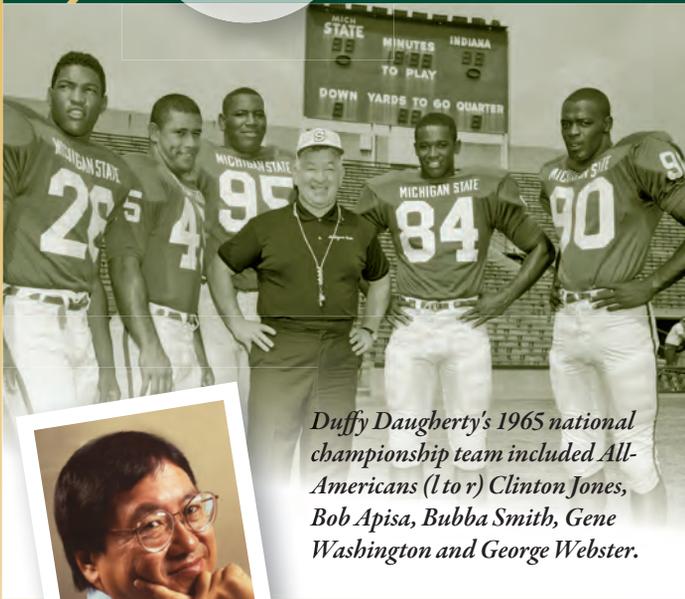
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Duffy Daugherty's 1965 national championship team included All-Americans (l to r) Clinton Jones, Bob Apisa, Bubba Smith, Gene Washington and George Webster.



MSU WAS A CATALYST FOR SOCIAL CHANGE

By Robert Bao

In December MSU hosted Tuskegee University at Jenison Fieldhouse to honor the “Game of Change” that took place a half century ago in that venerable venue.

That was a second-round NCAA tournament game between Loyola of Chicago and Mississippi State. The game, pitting an integrated team against a segregated team from the south, proved to be a milestone in the desegregation of sports in America. Travis Trice, a sophomore guard on the current MSU team, expressed pride in learning that MSU had played such a historic role.

In fact, MSU played a far bigger role in the desegregation of sports in America—something that’s worth remembering.

First, let’s recap the significance of the 1963 NCAA tournament game. Back in those days SEC sports teams were segregated.

Moreover, six months before the game the governor of Mississippi had tried to prevent James Meredith from attending Ole Miss. Segregationists did not want the Bulldogs playing Loyola, which started four black players, and a local judge issued an injunction to prevent the team from leaving the state to play that game in East Lansing.

The Bulldogs team snuck out under cover of darkness to avoid being served papers by state troopers. As the *Sporting News* recounts, “The Loyola-Mississippi State game became a cause célèbre, and every flashbulb in the state of Michigan popped when (Loyola’s Jerry) Harkness shook the hand of MSU captain Joe Dan Gold at midcourt before the game.”

MSU Athletics Director Mark Hollis calls it “the beginning of the end of segregation in college sports.” For the record, Loyola won 61-51 and went on to win the NCAA tournament.

While MSU’s role in the historic game was significant, I think it pales by comparison to MSU’s role in helping desegregate college football. Indeed, the Spartans’ bigtime success with fully

integrated teams in the 1960s may have had an incalculable impact on the sport’s desegregation. As Drew Sharp, columnist for the *Detroit Free Press*, wrote in 1996, “Perhaps Michigan State’s greatest legacy in its 100-year football history is the school’s role in the racial integration of the sport.”

MSU football was integrated in 1913, when John Macklin welcomed Gideon Smith—the second African American to play college football. In the postwar era, Biggie Munn became one of the first coaches to recruit black players; in 1951, Hall of Famer Don Coleman became MSU’s first black All-American. Black football players for MSU in the 1940s included Jesse Thomas, who made All-American on offense one year and on defense the next.

MSU’s 1952 national championship team included Willie Thrower, who later became the first black quarterback in the NFL. Other black stars in the 1950s included Leroy Bolden, Travis Buggs, Ellis Duckett, Jimmy Ellis, Ellison Kelly, Alvin Lee, John “Thunder” Lewis, Blanche Martin, Jerry McFarland and Clarence Peaks. “They were all great players,” recalls Hank Bullough, longtime NFL coach who lettered at MSU from 1952-54. “Back in those days we hardly ever lost a game.”

In 1954, Clarence Underwood, who eventually rose to become MSU athletics director, was an army private when he saw MSU beat UCLA in the Rose Bowl. Underwood—my colleague in the MSU Alumni Association back in the 1980s—told me that his decision to come to MSU was based on his seeing black and white players on the same team working together and celebrating with each other, something he had never seen in his native Alabama.

“Biggie opened the door, but it was Duffy (Daugherty) who blew it wide open,” says Larry Bielat, former player, assistant coach and radio color analyst.

Duffy’s national championship teams of 1965 and 1966 were led by black players such as Bubba Smith, George Webster, Clinton Jones, Gene Washington and Charles “Mad Dog” Thornhill—outstanding athletes who could not play for segregated schools in their home state. In 1967 Smith, Webster, Jones and Washington comprised four of the top eight NFL draft picks—with Smith the No. 1 overall pick. After MSU’s success in 1965, previously segregated schools began to recruit black athletes. Just three years later, Alabama desegregated its football team as well.

In 2008, an HBO documentary, *Breaking the Huddle: The Integration of College Football*, says that Crimson Tide coach Bear Bryant decided to integrate his team after losing to Southern Cal in 1970 and noting that black players accounted for USC’s touchdowns. That may have been the trigger, but Bryant was likely influenced by the successful integration achieved by his colleague and friend Daugherty.

As a historical addendum, it should be noted MSU’s leadership in desegregation was not limited to sports. The U.S. Civil Rights Commission was founded in 1957 and its first chairman was MSU President John Hannah, who provided tremendous leadership to the then-fledgling organization.

MSU’s game against Tuskegee not only served to honor a historic milestone but also reaffirmed one of the university’s time-honored values. For Travis Trice and other young Spartans, I hope this helps flesh out a more complete story.



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STATE'S STARS

Stella Cash, MS '80, president of Food Creation, Inc., vice president of development and strategic partnerships at Lansing's Sparrow Health System and former director of dietetics in MSU's Dept. of Food Science and Human Nutrition, has been awarded the Lansing Regional Chamber of Commerce 2012 Athena Award. Cash is active in Zonta Club of East Lansing and the American Red Cross. She helped raise \$1 million as chair of Sparrow Women Working Wonders. She served as interim executive director of the MSU Alumni Association from 2007-10. Cash is a member of MSU's Hannah and Landon Societies and is an MSUAA Life Member.



Beth Chappell, '79, president & CEO of the Detroit Economic Club, has been inducted into the International Institute Foundation's 2012 Heritage Hall of Fame. Chappell served as executive vice president of Compuware Corporation and also led The Chappell Group management consulting company. She sits on the boards of American Axle & Manufacturing Corporation, Detroit Regional Chamber, Brother Rice H.S., St. Joseph Mercy Foundation, Michigan Economic Growth Authority, United Way and Citizens Research Council.



Barry Paxton, '92, managing partner of Trilogly Health Ventures, LLC, Ann Arbor, has been named CEO and co-founder of Pharma Form Solutions, LLC. Paxton has spent over 20 years in the health care industry working



in executive and leadership positions for Eli Lilly & Company, The Cleveland Clinic Foundation, Ernst and Young, Duracell USA and Merrill Lynch. Paxton is a member of MSU's Beaumont Tower Society and is an MSUAA Life Member.

Bill Demmer, '70, president and CEO of Demmer Corporation, Lansing, has been elected president of America's first conservation organization, the Boone and Crockett Club. Demmer spearheaded the establishment of several conservation programs at MSU, including the Boone and Crockett Endowed Chair of Wildlife Conservation, the Boone and Crockett Club Wildlife Extension Specialist, the Demmer Scholars internship program and the Graduate Specialization in Business Concepts for Environmental Sustainability and Conservation. He co-founded and is currently a director/investor with the Lansing Economic Area Partnership, and has served on the board for various committees. Demmer is a member of MSU's Williams Society and is an MSUAA Life Member.



Peter Flynn, MA '69, PhD '71, superintendent of Freeport School District 145, has been named the 2012 Illinois Superintendent of the Year by the Illinois Association of School Administrators. Flynn was named superintendent of Freeport in 2000 bringing with him 21 years of experience at school districts in Pennsylvania, Iowa and Kentucky. He served five years as a board member of IASA and was an active member of the Urban Superintendents Association of America. In addition, Flynn is serving his second term as



president of the Century Club, a national superintendents' honorary.

Shannon Foster, '03, manager of operations at Kimpton's Hotel Monaco Chicago and Hotel Monaco Salt Lake City, has been named as the new



general manager for Hotel La Jolla, California. Foster has 11 years of hospitality management experience at properties such as Fairmont Hotel Chicago and Denver's Oxford Hotel. Privately held Kimpton was recognized by *Fortune* magazine as a Best Company to Work for in 2012. The company operates more than 50 hotels and more than 50 restaurants in 23 cities.

Randy Shacka, '04, previously COO at Two Men & A Truck, has been named president. He is the first non-family member to hold this position at the private company. Shacka previously served as the company's franchise development specialist, director of operations and chief development officer. He is active in various organizations and boards including ASQ Service Quality Division, Chief Operating Officer Network, Franchise Mini MBA Club, Franchise Training Network and Franchise World Network.



William Bowerman, '93, professor of Wildlife Ecology and Toxicology at the University of Maryland, College Park, was a recipient of the Northern



Michigan University Distinguished Alumni Award in 2012. Bowerman served as a member of the U.S. Fish and Wildlife Ser-

vice Northern States Bald Eagle Recovery Team. He has trained over 300 wildlife professionals and currently leads SEA EAGLE. In addition, Bowerman was appointed co-chair of the International Joint Commission's Great Lakes Science Advisory Board.

Michelyn Pasteur, '68, MLIR '70, attorney at Bernick, Radner & Ouellette, P.C., has been named by *The Best Lawyers in America* as the "Medicaid and Elder Law Attorney of the Year" for the Greater Lansing Area. Pasteur is a past chair of the Ingham County Bar Association Probate and Estate Planning Section and is a longtime member of the Greater Lansing Probate & Estate Planning Council. She is a member of the National Academy of Elder Law Attorneys and has authored several articles for the *State Bar of Michigan Probate & Estate Planning Journal*. Pasteur is a member of MSU's Beaumont Tower Society and is an MSUAA Life Member.



Matthew Sweeney, '97, legislative liaison and policy advisor for the State of Michigan's Dept. of Technology, Management and Budget, Lansing, was appointed as director of government relations at Beaumont Health System. He served as chief of staff for State Senator Cameron Brown, and as the deputy director of government relations with the Michigan Economic Development Corporation.



David Decker, '81, former sales representative and sales vice president working in technology, consulting services and non-profit industries, will launch and lead



SkillSource Sales Solutions, the sales division of SkillSource Business Builders, Cincinnati, OH. Decker has produced \$350 million in sales over a 30-year career. He has also held general management posts with responsibility for strategic profit-and-loss growth and leadership development. In addition, Decker represents The Lions Head, a national program designed to transform good leaders into extraordinary leaders.

Christopher Tobias, '94, member of the executive management team at Dudnyk, a health-care marketing company based in Philadelphia, PA, was named one of the 100 most inspiring people in the pharmaceutical industry by *PharmaVOICE* magazine. He is a frequent lecturer on alternative career paths, and was invited to present at the Annual Spring Conference of Neuroscience Departments and Programs in Washington, DC. In addition, Tobias mentors students who are considering pursuing nontraditional careers after earning doctoral degrees.



Jon Allan, '80, MS '87, director of environmental policy and intergovernmental affairs for Consumers Energy Co., East Lansing, has been named director of the Michigan Office of the Great Lakes by Gov. Rick Snyder. Allan has co-chaired the DEQ's Water Use Advisory panel and Michigan's Groundwater Conservation Advisory Council, served as a key adviser to the Great Lakes Water Resources Compact negotiations, served on the Environmental Advisory Council to the DEQ, Michigan Climate Action Council, and the Midwestern Governors Greenhouse Gas Reduction



Accord Advisory Group. In addition, he co-chairs the state's Blue Ribbon Parks Commission.

Herman Marable, '84, judge at Flint's 68th District Court, was re-elected in a contested election to his third term on the court.



Marable appointed a Citizens Advisory Committee to receive community input, and established the Judge Marable Student of the Month/Year Program to encourage Flint area high school students to focus on education and career goals. He established the Herman Sr. and Iris Marable Senior Citizen of the Month Award to recognize persons over age 60 who have dedicated themselves to community service.

Noreen Walsh, '87, deputy regional director for the U.S Fish and Wildlife Service, Denver, has been named as the service's regional director for the Mountain-Prairie Region.



Walsh previously served in three other regions of the service, as well as the headquarters office in Washington, DC. Previously, she served as the assistant regional director for ecological services in Atlanta, GA. In addition, Walsh served as a biologist at the service's headquarters and worked in the Oklahoma Ecological Services Field Office in the late 1990s.

Chris Foley, '82, associate professor of Science at Owens Community College, Perrysburg Township, OH, has been chosen by the Professional Landcare Network Academic Excellence Foundation to receive the prestigious 2012 Outstanding Educator of the Year



Award. Foley leads student plant sale activities, which help support the Owens Student Landscape Turfgrass Crew Club's participation in the annual PLANET Student Career Days. In addition, he oversees a nursery in Swanton, which focuses on the production of rare and unusual trees and shrubs.

John Ballantyne, '87, owner of the Leland Group, has been elected president of the Home Builders Association of Greater Cincinnati, OH. Prior to founding the Leland Group in 2004,



Ballantyne was a partner of a local home building company and was also employed by Ryland Homes. He is active in Big Brothers Big Sisters and also serves as a director of both the Ohio and National Associations of Home Builders. In addition, Ballantyne has served on a variety of HBA committees and councils over the years.

Meredith Bowen, MMUS '05, TCRT '06, artistic director for Sistrum Women's Chorus, Lansing, has been named Holland Chorale's new artistic director.



Bowen has been adjunct faculty at Lansing Community College since 2006, where she conducted the concert choir, and taught various music classes. She is pursuing her doctorate of musical arts in choral conducting at MSU.

Todd Stein, '94, senior manager at Ernst & Young, Los Angeles, CA, has been promoted to partner in its Transaction Advisory Services group, where he provides transaction tax services to a wide variety of corporate and



private equity clients. Stein serves some of the firm's largest private equity accounts on the West Coast. He is a certified public accountant licensed to practice in California and a member of the American Institute of CPAs.

Joe Patrick, '91, head of Worldwide Sales for Miramax, Santa Monica, CA, has been named executive vice president of Worldwide Television. Previously,



Patrick served as executive vice president at MGM Worldwide Television Group, and was vice president at MGM Domestic Television. In addition, he served as vice president at MGM Television Europe, and started his career at MGM in Distribution Services in International TV. Patrick is a member of MSU's Beaumont Tower Society.

Cynthia Leaman, '78, former principal at Clague Middle School, Ann Arbor, has been named principal of the Ann Arbor Pioneer High School. Previously, Leaman



was principal at the Dearborn Academy, and served as principal at St. Paul on the Lake School in Grosse Pointe Farms and at the Most Holy Trinity School in Detroit. She is involved in many district committees including leading the efforts in "Response to Intervention" by teaching the model and chairing the Principals' Committee on Teacher Evaluations. Leaman is a former high school teacher and coach.

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OBITUARIES

'20s

Clarence E. Banks, '26, of Pittsburgh, PA.
Charles H. Barney, '26, of Charlotte.
Aldrich E. Foss, '26, of White Pigeon.
Cecil C. Noecker, '26, of Manclona.
Marjorie G. (Davies) VanDyke-Knauer, '26, of Fort Myers, FL.
Earl K. Vantassel, '26, of Kalamazoo.
Clare W. Cazier, '27, of Cleveland, OH.
Ray Gogarn, '27, of Mt. Pleasant.
Wing T. Hoh, '27, of East Lansing.
Franklin W. McWilliams, '27, of Parma, OH.
Harold W. Strickler, '27, of Phoenix, AZ.
Joseph Waffa, '27, of Pompano Beach, FL.
Guy A. Culbert, '28, of Herndon, VA.
Clifford H. Hauptli, '28, of Sault St. Marie.
Maynard C. Hoffman, '28.
Berto H. Holden, '28, of Homestead, FL.
Ralph M. Kilby, '28.
Lois (Tenny) McCully-Small, '28, of Jackson.
George H. Selkirk, '28, of Williamsburg.
Florinel A. (Peebles) Stanfield, '28, of Sacramento, CA.
Daniel Urquiola, '28.
Sidney A. Wells, '28, of Rochelle Park, NJ.
Mary E. (Gillis) Bigelow, '29, of New York, NY.
Kishan S. Gill, '29, of East Lansing.
Stanley D. Kreager, '29.
Iva O. Leinbach, '29, of Caseville.
Thomas H. McDonagh, '29.
Leslie J. Meyer, '29, of Dayton, OH.
D. J. Reish, '29, of Flint.
Philip O. Ripley, '29, of Canada.
Marian M. (Woodworth) Rock, '29, of Australia.
Phyllis F. Trautmann, '29, of St. Petersburg, FL.

'30s

Francois P. Delfos, '30, of East Lansing.
Edward L. McEwen, '30, of N. Muskegon.
Margaret H. (Hunter) Swanson, '30, of Honolulu, HI.
James O. VanDyne, '30, of Nebo, IL.
Constance N. Eck, '31, of East Lansing.
Russell E. Talmage, '31, of Battle Creek.
Maurice B. Williams, '31, of Kalamazoo.
Frances E. (Ashley) Andrews, '32, of Muskegon, Jul. 16, age 101.
Irma L. Hollins, '32, of Columbus, OH.
Roland E. Ott, '33, of Lansing.
Dorothy E. (Emmons) Reid, '33, of Canada.
Clark L. Brody, '34, of Evanston, IL, Nov. 3, age 98.
Margaret A. Brown, '34, of Wyandotte.
Helene G. Howlett, '35, of Cass City.
Kenneth C. Runciman, '35, of Presque Isle, WI, Nov. 14, age 100.
Morris L. Tropp, '35, of Kansas City, MO.
Jane B. (Branston) Bopp, '36, of Cape Coral, FL, Sep. 19, age 98.
Rolland R. Slaughenhaupt, '36, of Battle Creek.
R. Duncan Taggart, '36, of Wellsville, NY, Apr. 21, age 99.
Rachael M. (Minges) DeLonge, '37, of Essex, CT, Oct. 4, age 96.
Rex O. Wilkins, '37, of Cheboygan, Nov. 13, age 99.
Arline B. Emens, '38, of Cedar.
Robert C. Evans, '38, of Bath, NY.
Taiichi T. Asami, '39, of East Lansing.
Louise B. Northam, '39, of Kalamazoo, Jun. 22, age 97.
Richard D. Siegle, '39, of Grand Rapids, Dec. 4, age 96.
Thomas L. Thacker, '39, of Fairborn, OH, Sep. 27, age 94.

'40s

Grace A. (Cobb) Chism, '40, of Perry, Nov. 14, age 93.
Barbara C. (Gribler) Davies, '40, of Bel Air, MD, Aug. 7, age 93.
Sophie Gerisch, '40, of Lincoln Park, Jun. 17, age 95.
Stanley N. Kinney, '40, of Hamilton, NY, Dec. 31, age 93.
Mary J. (Roth) Roth Riordan, '40, of Grand Rapids, Dec. 26, age 93.
James R. Warner, '40, of Fayetteville, NC, Dec. 11, age 94.
Harry W. Chandler, '41, of Sterling Heights, Oct. 3, age 94.
Naomi R. (McNeal) Crew, '41, of Carlsbad, NM, Sep. 19, age 92.
Albert Duch, '41, of Swartz Creek, Dec. 20, age 93.
Florido A. Filippini, '41, Dec. 25, age 96.
Kenneth B. Fleming, '41, of Boca Raton, FL, Dec. 26, age 94.
Dale W. Granger, '41, of Lansing, Sep. 6, age 96.
Lemuel C. Hazen, '41, of Saline.
Richard W. Jones, '41, of Lansing, Dec. 26, age 93.
Ellen E. (Finly) Loffswold, '41, of Santa Rosa, CA.
Norma L. (Arnold) McAbee, '41, of Monmouth, OR, Mar. 21, age 92.
Michael T. Reid, '41, of Shaw AFB, SC, Dec. 15, age 95.
Anton I. Rizzardi, '41, of Sandusky, Oct. 30, age 93.
John D. Rovick, '41, of Northridge, CA.
Eleanor J. (Duttweiler) Stubbs, '41, of West Linn, OR, Sep. 13, age 93.
Charles A. Baryames, '42, of Lansing, Aug. 1, age 91.
Doris (Berkey) Berkey-Anderson, '42, of East Lansing, Nov. 25, age 91.
Jean H. (Durkee) Bredberg, '42, of St. Petersburg, FL, May 10, age 90.
Jean V. (Root) Page, '42, of Jackson, Sep. 22, age 94.
Esther G. (Montgomery)

Rasmussen, '42, of Dearborn, Jan. 4, age 91.
Warren L. St. John, '42, of New Berlin, WI, Dec. 30, age 92.
Bernice E. (LaSarge) Beverstein, '43, of Green Bay, WI, Dec. 27, age 95.
Joseph R. Busch, '43, of Lenox, MA, Sep. 10, age 89.
Barbara L. (Mabie) Gordon, '43, of Edmonds, WA, May 23, age 92.
Jean D. McCann, '43, of East Lansing, Nov. 12.
Betty J. (Youngman) Overholt, '43, of Dublin, OH, Jan. 10, age 90.
Murray J. Present, '43, of Upper Montclair, NJ, Dec. 5, age 91.
Paul E. Walker, '43, of Westford, MA, Oct. 29, age 92.
William J. Westcott, '43, of Franklin, Dec. 10, age 93.
Robert C. Clark, '44, of New York City, NY, Jul. 29, age 90.
Jeness W. Eastman, '44, of Rochester, Sep. 25, age 91.
Earl W. Johnson, '44, of Wausau, WI, Jan. 18, age 92.
Vina M. (Davies) Kage, '44, of Flint, Apr. 8, age 89.
Fannie B. Key, '44, of Hesperia, CA, Nov. 13, age 90.
Claude J. Marshall, '44, of Ann Arbor, Apr. 20, age 91.
Barbara J. (McMahon) Riemenschneider, '44, of Milan, Aug. 24, age 89.
Arlan R. Smith, '44, of McCall, ID, Aug. 13, age 91.
Neoma M. (Fredrickson) Allen, '45, of Edmore, Sep. 19, age 89.
Dorothy J. Bates, '45, of Dexter, Aug. 31, age 94.
Doris M. (Wason) Brumbaugh, '45, of San Antonio, TX, Sep. 20, age 90.
Lois E. (Sheridan) Ellis, '45, of Seneca, SC, Jun. 6, age 88.
Jean A. (Granville) Kennedy, '45, of East Lansing, Nov. 17, age 89.
Gladys H. (Harding) Taylor, '45, of Holland, Jan. 3, age 90.
Virginia P. (Prunty) Bodman, '46, of East Lansing, Jan. 12, age 90.

Phyllis J. Brothers, '46, Sep. 26.
John B. Bucciero, '46, Sep. 26, age 99.
Anna (Kazenko) Gillis, '46, of New Boston, May 11, age 87.
Donald E. Hartz, '46, of Sanford, Jan. 1, age 93.
Benjamin J. Hudenko, '46, of McKinney, TX, Jun. 13, age 90.
Armas N. Lehtimaki, '46, of Redding, CA.
Janice R. (Hopps) Thomas, '46, of Naples, FL, Nov. 18, age 88.
David A. Zaukelies, '46, of Pensacola, FL, Sep. 1, age 87.
Joanne C. Bennett, '47, of Crystal, Sep. 29.
Mary E. (Osier) Brukaradt, '47, of Neenah, WI, Dec. 8, age 86.
James J. Burlingame, '47, of Midland, Nov. 6, age 88.
Anne E. (Sullivan) Carlyon, '47, of Atlanta, GA, Oct. 15, age 87.
Amelita A. (Lodge) Conner, '47, of Byron Center.
William L. Davarn, '47, of Pewamo, Oct. 9, age 87.
Dorothy V. Hitsman, '47, of Battle Creek, Feb. 11, age 87.
Burniece P. Moore, '47, of North Branch, Jun. 29, age 84.
James R. Quinton, '47, of Bloomington, IL, Jul. 14, age 89.
Harold R. Smith, '47.
Paul R. Vissing, '47, of Ridgewood, NJ, Dec. 10, age 91.
Harold Andersen, '48, of Howell, Jul. 16, age 85.
Harold A. Augur, '48, of Battle Creek.
George D. Bastien, '48, of New Lothrop, Sep. 13, age 89.
Richard G. Behler, '48, of Panama City Beach, FL, Dec. 8, age 87.
Walter E. Boek, '48, of Washington, DC, Nov. 13, age 89.
Gerard K. Bos, '48, of Niagara Falls, NY, May 17, age 88.
William R. Breber, '48, of San Diego, CA, Jan. 17, age 90.
Rudolf Culik, '48, of Kennett Square, PA.
Elizabeth F. (Faust) Deindorfer, '48, of Grand Rapids, Dec. 27, age 85.
George M. Holcomb, '48, of Lake Orion, Jul. 18, age 90.
Robert F. Hopkins, '48, of Kalamazoo, Apr. 1, age 86.
Cecil H. Jefferson, '48.
James E. Jones, '48, of Detroit, Nov. 10, age 87.
Watson Kenworthy, '48, of Flint, Sep. 8, age 95.
Vergheze Kurien, '48, of India, Sep. 9, age 90.
William C. McGuffey, '48, of Lake Como, FL, Sep. 25, age 87.
Colleen V. (Vanderslice) Michel, '48, Dec. 13, age 84.
Jean F. (Malcomson) Owen, '48, of Maitland, FL, Sep. 19, age 86.
Ellen J. (Learned) Pero, '48, of Plantation, FL, Oct. 21, age 86.
Barbara L. Sailors, '48, of Escondido, CA, Feb. 11, age 87.
Nicky A. Smith, '48, of Mason, Mar. 31, age 94.
Robert E. Stanley, '48, of St. Louis, MO, Aug. 30, age 89.
Jennie P. (Coffron) Stout, '48, of Saint Clair, Aug. 13, age 86.
Winifred M. (Bialy) Young, '48, of Bay City, Nov. 24, age 91.
Athan Zographos, '48, of Royal Oak, Oct. 19, age 92.
Rhea A. (Yerkey) Adgate, '49, of Caruthersville, MO, Jul. 18, age 85.
Bruce R. Anderson, '49, of Redford, Sep. 8, age 87.
Constance H. (Hadley) Bachman, '49, of Lexington, MA, May 30, age 85.
Robert Bethune, '49, of Detroit.
Owen R. Birchman, '49, of Lansing, Nov. 27, age 88.
Roy A. Bowden, '49, of Bogart, GA.
Howard B. Camden, '49, of West Bloomfield, Aug. 12, age 83.
William C. Comstock, '49, of Charleston, SC, Oct. 27, age 91.
Maeola C. (Kennett) Danielson, '49, of Okemos, Dec. 13, age 85.
Richard A. Darmody, '49, of Big Rapids, Sep. 18, age 90.
Irving H. Davis, '49, of Lansing, Oct. 4, age 91.
Gurdon K. Dennis, '49, of Prudenville, Aug. 26, age 89.
Eugene F. Dice, '49, of East Lansing, Jan. 2, age 90.
Patricia H. (Benson) Ferrell, '49, of Salem, OR, Jun. 2, age 85.
Robert B. Heldstab, '49, of Southfield, May 10, age 86.
Eugene H. Hurst, '49, of Naperville, IL, Oct. 23, age 83.
Alfred C. John, '49, of Wellesley, MA, Dec. 30, age 90.
Elaine B. (Rice) Johns, '49, of Richmond, VA, Jun. 1, age 85.
Robert J. Kesler, '49, of Lansing, Oct. 30, age 87.
Jean S. Maatman, '49, of Sioux Center, IA, Sep. 13, age 87.
Betty A. (McLachlan) MacAdam, '49, of Naples, FL, Nov. 28, age 84.
Robert S. Malaga, '49, of Cleveland, OH, Jul. 21, age 85.
Harry D. Pruitt, '49, of Lansing, Jan. 1, age 87.
Bob E. Schepers, '49, of Traverse City, Nov. 30, age 88.
George T. Schmitt, '49, of Hamilton, OH, Oct. 15, age 91.
John D. Smith, '49, of Ypsilanti, Nov. 3, age 84.
Edward C. Soderstrom, '49, of Grand Rapids, Sep. 27, age 89.
Robert L. Stevens, '49, of Oklahoma City, OK, Sep. 30, age 88.
Leonard M. Stuttman, '49, of Mason, Jul. 16, age 86.
Donald E. Walz, '49, of Trenton, Apr. 19, age 87.
Stephenson, Dec. 6, age 92.
Thomas A. Dutch, '50, of East Lansing, Dec. 6, age 87.
Louis W. Garver, '50, of Redford, Aug. 27, age 87.
Walter A. Gassman, '50, of Rochester, Dec. 27, age 85.
Arthur K. Gibson, '50, of Grand Rapids, Sep. 25, age 86.
John C. Glick, '50, of Saginaw, Jul. 22, age 85.
Tion Hassen, '50, of Jonesboro, AR, Dec. 19, age 89.
Michael C. Hoover, '50, of Houston, TX, Sep. 27, age 93.
Je Anne O. Ingersol, '50, of East Lansing, Sep. 14, age 83.
John R. Kelley, '50, of Rockville Centre, NY, Sep. 17, age 86.
Vernon W. Kidd, '50, of Jackson, Oct. 13, age 88.
Paul E. Kifer, '50, of Corvallis, OR, Aug. 22, age 88.
Ralph E. Kirch, '50, of Sun City Center, FL, Dec. 21, age 85.
Kenneth E. Knudtzon, '50, of Troy, OH, Dec. 4, age 85.
John Kuprionis, '50, of Van Nuys, CA.
Robert C. Lopresti, '50, of Rochester, NY.
Albert A. Macphail, '50, of Flint, Oct. 11, age 82.
Irma (Feichtinger) McMillen, '50, of Pontiac, Oct. 20, age 73.
Barbara J. (Johnson) Moody, '50, of Little Rock, AR, Sep. 1, age 83.
Laurence H. Pate, '50, of Southfield, Oct. 6, age 87.
Harold J. Plomer, '50, of Redford, Dec. 5, age 86.
Robert R. Rhodes, '50, of Detroit, Jul. 25, age 91.
Thomas E. Sequin, '50, of Bay City, Feb. 17, age 83.
Robert A. Solomon, '50, of Lansing, Oct. 2, age 88.
Robert E. Wegner, '50, of Vestaburg, Sep. 12, age 83.
William V. Westphal, '50, of Ashland, WI, Jun. 28, age 86.
Frederick P. Witte, '50, of Lakeland, FL, Oct. 31, age 89.
Ray O. Yeutter, '50, of Mason, Jun. 11, age 86.

> '50s

Robert J. Adams, '50, of Lansing, Sep. 20, age 86.
Brasher C. Bacon, '50, of New Albany, IN, Jan. 22, age 91.
Jack M. Baldwin, '50, of East Lansing, Nov. 10, age 87.
Robert F. Bogan, '50, of San Antonio, TX, Aug. 27, age 86.
Warren J. Cardwell, '50, of Granville, NY, Aug. 9.
Kenneth M. Chakiris, '50, of Chicago, IL.
David T. Charland, '50, of

Keith E. Aldrich, '51, of Lansing, Oct. 7, age 82.
Duane L. Bailey, '51, of Casselberry, FL, Nov. 6, age 86.
Willard J. Dillon, '51, of Lansing, May 9, age 88.
Percy R. Douglas, '51, of Canada.
Harriet G. (Greenberg) Forsythe, '51, of Yorktown Hgts., NY, Aug. 28, age 82.
Shirley A. Geis, '51, of Clarksville, MD, Sep. 19, age 83.
Donald L. Grohman, '51, of Lansing, Jan. 20, age 87.
Jack R. Halberg, '51, of Coconut Creek, FL, Apr. 16, age 84.
Richard L. Harris, '51, of Henderson, NV.
George D. Ish, '51, of Los Angeles, CA, Oct. 21, age 93.
Norman D. Johnson, '51, of East Amherst, NY, Oct. 20, age 90.
Nick Karabalios, '51, of Stillwater, OK, Feb. 8, age 82.
Raymond F. Landgraf, '51, of Seattle, WA, Aug. 1, age 85.
Leslie G. McCain, '51, of Palmetto, FL, Nov. 23, age 89.
Joseph E. Mihelich, '51, of Saint Clair Shores, Oct. 17.
Casmier J. Montemurri, '51, of Rochester, Nov. 14, age 88.
Wallace T. Nagao, '51, of Honolulu, HI.
William E. Rice, '51, of Fort Myers, FL, Oct. 13, age 84.
Joanne W. (Waffle) Ritter, '51, of Bloomfield Hills, Oct. 24, age 83.
Harry D. Rubl, '51, of Midland, Jan. 18, age 87.
Charles A. Sherman, '51, of South Haven, Feb. 10, age 88.
Donald H. Smith, '51, of Milford.
Ralph C. Smith, '51, of West Palm Beach, FL, Jun. 29, age 84.
William E. Splinter, '51, of Lincoln, NE, Sep. 26, age 86.
Janet H. (Hughes) Teel, '51, of Oak Park, IL, Nov. 26, age 83.
Elizabeth R. (Hall) Tuttle, '51, of Lansing, Dec. 6, age 83.
Marjory M. (Sutton) Warnaar, '51, of Grawn.
Annmoray P. (Pedlow) Wehrman, '51, of Millington.
Chester J. Wilkinson, '51, of Burton, Feb. 15, age 85.
James L. Adams, '52, of East Lansing, Dec. 29, age 82.
Richard D. Barnes, '52, of Livonia, Oct. 12, age 83.
Richard J. Benefiel, '52, of Anaheim, CA, Oct. 4, age 90.
Delbert L. Bierlein, '52, of University Park, PA, Jun. 29, age 90.
Ann S. (Silvernale) Bowden, '52, of Seattle, WA, Oct. 4, age 81.
Eugene I. Brakel, '52, of Libertyville, IL, Dec. 24, age 85.
Charles J. Bretz, '52, of Aurora, CO, Jun. 17, age 83.
Marilyn C. (Shell) Burns, '52, of Stevensville, Jul. 24, age 81.
Richard D. Clemmer, '52, of Harrisburg, PA, Nov. 2, age 83.
Thomas K. Condrat, '52, of Los Angeles, CA, Nov. 1, age 85.
John W. (Dock) Dock, '52, of Indianapolis, IN, Aug. 7, age 82.
John D. Edgerton, '52, of Williamsburg, VA, Oct. 28, age 84.
Nancy J. (Marin) Fort, '52, of Maitland, FL, Aug. 9, age 83.
Harold W. Halstead, '52, of Lansing, Jan. 5, age 82.
Lois A. (Burley) Horn, '52, of Syracuse, NY, Sep. 22, age 84.
Robert J. Kelley, '52.
Edwin J. Marx, '52, of Kokomo, IN, Dec. 27, age 83.
John R. Scerbak, '52, of Ypsilanti, Aug. 17, age 82.
Robert M. Schwei, '52, of Lima, OH, Nov. 17, age 83.
Kenneth C. Smalley, '52, of Beverly, MA, Apr. 10, age 85.
Douglas L. Sweet, '52, of Grand Rapids, Jan. 8, age 84.
Allan M. Warner, '52, of Birmingham, Aug. 20, age 84.
Gordon H. Zeilbeck, '52, of Grand Rapids, Dec. 26, age 88.
Charles L. Anson, '53, of White Cloud, Jul. 15, age 85.
Elizabeth G. (Gray) Benko, '53, of Strongsville, OH, Dec. 18, age 81.
Sinclair L. Edwards, '53, of Brighton, CO, Jan. 3.
Leonard J. Goetzke, '53, of Tucson, AZ, Oct. 17, age 81.
Emanuel Hackel, '53, of East Lansing, Jul. 9, age 87.
Herbert H. Hadley, '53, of Columbus, OH, Dec. 18, age 93.
Donna M. (Means) Harrington, '53, of Hendersonville, NC, Aug. 29, age 81.
Nancy J. Hoffman, '53, of Diamond Bar, CA, Aug. 22, age 79.
Marilyn J. (McNutt) Kotlarczyk Saam, '53, of Dearborn, Dec. 11, age 81.
Douglas L. Merrill, '53, of Louisville, KY, Dec. 9, age 81.
Herbert T. Palmer, '53, of Gowen, Jan. 13, age 85.
Robert B. Peterson, '53, of Lake Leelanau, Oct. 13, age 81.
Raymond L. Randels, '53, of East Lansing, Jan. 7, age 89.
James E. VanMeer, '53, of Flint, Jun. 10, age 80.
David A. Wolfe, '53, of Lexington, KY, Oct. 20, age 81.
Allen Wolff, '53, of Shaker Heights, OH, Oct. 23, age 80.
Donald C. Zimmerman, '53, of Seattle, WA, Nov. 1, age 81.
James T. Bates, '54, of Waukesha, WI, Oct. 16, age 81.
Donald A. Blome, '54, of Chicago, IL, Aug. 16, age 82.
Greta L. (Myers) Brown, '54, of Saginaw, Jan. 12, age 81.
Gordon J. Curnow, '54, of Southfield, Oct. 19, age 80.
William G. Devore, '54, of Lansing, Nov. 21, age 81.
Kenneth R. Erickson, '54, of Fort Myers, FL, Dec. 12, age 81.
William L. Ferrara, '54, of State College, PA, Oct. 14, age 82.
Harry J. Glutting, '54, of Naples, FL, Oct. 4, age 81.
James V. Hufford, '54, of East Lansing, Jul. 24, age 84.
Richard R. Johnson, '54, of Savannah, GA, Nov. 25, age 80.
Donald J. Kerr, '54, of Gaylord, Nov. 4, age 83.
Donald E. Kingsley, '54, of Houston, TX, Dec. 8, age 80.
Alex P. Murray, '54, of Bay City, Jan. 8, age 81.
Gerald K. Oberlin, '54, of Ormond Beach, FL, Jul. 21, age 83.
Dorothy J. (Branaman) Pelton, '54, of Pontiac, Dec. 20, age 80.
John W. Pfaff, '54, of Arvada, CO, Jun. 5, age 84.
Donald E. Quayle, '54, of Riverton, WY, Jul. 18, age 81.
Gerald W. Robinson, '54, of Cedar, Jan. 13, age 89.
Frederick B. Rummeler, '54, of Evanston, IL, Jul. 14, age 83.
Ruth M. (Lintner) Russell, '54, of Grand Ledge, Jan. 12, age 79.
Alan J. Ryan, '54, of Los Angeles, CA, Jul. 22, age 80.
Maurice J. Sharp, '54, of Erie, KS, Jun. 18, age 89.
David W. Stauff, '54, of Milwaukee, WI, Dec. 6, age 82.
Patricia K. (Mallinger) Watkins, '54, of Roscommon, Aug. 17, age 79.
Beverly A. (Clapp) Bedell, '55, of Essexville, Dec. 26, age 79.
Dorothy J. (Mollenkopf) Bildner, '55, of Hillsdale, Nov. 14, age 79.
James E. Calender, '55, of Lakeland, FL, Dec. 19, age 79.
Joan M. (Mahon) Clarke, '55, of Grosse Pointe, Oct. 17, age 79.
Jack Daniels, '55, of Lapeer, Nov. 3, age 79.
Helen L. (Gavney) DeVine, '55, of Battle Creek, Oct. 31, age 79.
Patrick F. Dionise, '55, of Lansing, Nov. 24, age 82.
Nancy J. (Stitt) Doane, '55, of Oviedo, FL, Apr. 1, age 85.
Robert B. Foy, '55, of Holt, Jul. 22, age 84.
Ernest E. Graf, '55, of Saratoga Springs, NY, Jan. 2, age 81.
James L. Harrison, '55, of Lambertville, Oct. 17, age 85.
Zelma F. Hewson, '55, of Eaton Rapids.
Yun Shang Hsieh, '55, of Cincinnati, OH, May 16, age 93.
Kenneth S. Ishimoto, '55, of

Kaneohe, HI, Nov. 1, age 83.
Marcia D. (Ormsby) Letzring, '55, of Navasota, TX, Jan. 7, age 77.
Robert D. Lewis, '55, of Washington, DC, Jul. 10, age 80.
Edward G. Preston, '55, of Green Valley, AZ, Jul. 26, age 84.
Ralph R. Radford, '55, of Waterford, Oct. 23, age 79.
Leonard C. Rose, '55, of Gladwin, Oct. 11, age 84.
Raymond C. Sittig, '55, of Tallahassee, FL, Nov. 12, age 83.
William T. Slayton, '55, of Rockford, Sep. 10, age 86.
Robert L. Studebaker, '55, of East Point, GA, Jan. 6, age 79.
Leonard M. Visosky, '55, of Grosse Pointe, Nov. 15, age 85.
A. George Williams, '55, of Lansing.
John A. Andrews, '56, of Pentwater, Nov. 7, age 81.
Lawrence W. Armour, '56, of Dearborn, Nov. 6, age 78.
William L. Bird, '56, of Prospect, KY, Jun. 1, age 78.
Harold G. Bowden, '56, of Saginaw, Jan. 9, age 78.
Almeda O. Dixon, '56, of New York, NY.
William D. Dodge, '56, of Sebawaing, Oct. 10, age 81.
Paul K. Gaston, '56, of South Haven, Dec. 1, age 78.
James A. Grau, '56, of Sequim, WA, Dec. 13, age 77.
Charles E. Harmon, '56, of Lansing, Jan. 8, age 78.
Scott L. Hedden, '56, of Winter Haven, FL, Oct. 5, age 81.
Dale F. Hollern, '56, of Grand Rapids, Nov. 3, age 77.
Charles R. Martin, '56, of Muskegon, Jun. 14, age 82.
William Mateyk, '56, of Montverde, FL, Jun. 12, age 85.
Richard R. Morsches, '56, of New York, NY, Sep. 23, age 77.
Jay N. Mossman, '56, of Catonsville, MD, Sep. 4, age 81.
Mavis C. (Nelson) Powell, '56, of Brighton, Oct. 13, age 77.
Joseph L. Sauve, '56, of Houston, TX, Dec. 1, age 80.

Virginia L. (Smalley) Shepherd, '56, of Dearborn, Mar. 13, age 78.
Frank C. Sherburne, '56, of Holland, Jun. 1, age 83.
Frederick B. Shulak, '56, of Southfield, Nov. 29, age 78.
Maurice H. Wells, '56, of Sturgis.
Keith W. Alexander, '57, of Aurora, CO, Aug. 1, age 81.
Gerald A. Avery, '57, of Chicago, IL, Aug. 2, age 82.
Robert E. Bannick, '57, of La Habra, CA, Aug. 6, age 83.
Gerald L. Bird, '57, of Linden, Aug. 15, age 78.
Robert E. Brown, '57, of Westminster, CO, May 22, age 76.
Kenneth D. Brummel, '57, of Westport, CT, Dec. 29, age 77.
Paul F. Connor, '57, of East Greenbush, NY, Sep. 5, age 87.
Robert G. Cooper, '57, of Westbrook, CT, Oct. 24, age 80.
Marilynn K. (Thayer) Curran, '57, of Leominster, MA, Dec. 19, age 78.
Frederic G. Dutton, '57, of Lake Ozark, MO, Sep. 14, age 80.
Bonita (Lafavor) Gaines, '57, of Fenton.
John L. Hopkins, '57, of Washington, MO.
Edward J. Jackoboice, '57, of Naples, FL, Dec. 14, age 77.
David B. Jaroske, '57, of Troy, May 9, age 77.
James R. Johnston, '57, of Milwaukee, WI, Jul. 20, age 76.
Fred E. Keith, '57, Jul. 2, age 84.
Leonard E. Kestl, '57, of Gainesville, FL, Nov. 24, age 86.
Leroy J. Louchart, '57, of Turlock, CA, Nov. 17, age 79.
Harry J. Lux, '57, of Chicago, IL, Nov. 19, age 77.
William C. Mansfield, '57, of Sunnyvale, CA, Jun. 19, age 77.
Otis D. Meaders, '57, of Okemos, Dec. 10, age 89.
John F. Oates, '57, of McKeesport, PA, Jan. 3, age 77.
Anthony J. Romans, '57, of St. Clair, PA, Jul. 14, age 83.
Lauren E. Rowell, '57, of New York, NY, Mar. 6, age 81.

Darene T. Sessions, '57, of Zephyrhills, FL.
Steven G. Vandenbrook, '57, of Bloomfield Hills, Oct. 28, age 81.
John G. Wynn, '57, of Lansing, May 13, age 82.
Jack L. Anderson, '58, of Scottsdale, AZ, Jan. 17, age 83.
Edward G. Benoit, '58, of Clearwater, FL.
Duane L. Blumke, '58, of Saginaw, Nov. 9, age 80.
Darlene M. Cross, '58, of Newark, NY, Oct. 24, age 76.
Astrid M. (Lyon) Drulard, '58, of Loveland, CO, Mar. 23, age 75.
Roger D. Eberly, '58, of Portland, ME, Sep. 21, age 77.
Lessie (Covington) Fort, '58, of Greensboro, NC, Aug. 13, age 75.
William C. Harris, '58, of Suffolk, VA, Aug. 28, age 82.
Richard G. Holmes, '58, of Salisbury, MD.
Robert S. Kolat, '58, of Bay City, Dec. 10, age 81.
Dale H. LaLonde, '58, of Jonesboro, GA, Aug. 21, age 75.
Richard P. Seroka, '58, of Flushing, Sep. 10, age 77.
Isaiab Sheffer, '58, of New York, NY, Nov. 9, age 76.
Leslie R. Simon, '58, of Chicago, IL, Mar. 2, age 75.
Abbas M. Soliman, '58, of Egypt. Gladys E. Vincent, '58, of Elsie, Jan. 3, age 103.
Barbara A. (Tiegs) Voelm, '58, of Minneapolis, MN, Oct. 21, age 75.
David R. Wenger, '58, of Ladson, SC, Nov. 25, age 75.
Stayton D. Addison, '59, of Katy, TX, Jul. 13, age 77.
Marianne K. (Crozier) Dierkes, '59, of West Bloomfield, Apr. 21, age 74.
Charles F. Hathaway, '59, of Marina Del Rey, CA, Jan. 7, age 86.
Lorn L. Howard, '59, of Dallas, TX, Oct. 8, age 94.
James R. Johnston, '59, of Harbor Beach, Jul. 20, age 75.

Patrick J. Keegan, '59, of Vero Beach, FL, Aug. 16, age 76.
Dean Knavel, '59, of Lexington, KY, May 13, age 87.
Daniel C. Marsh, '59, of Swartz Creek, Sep. 22, age 75.
Robert P. Mayberry, '59, of Clinton, MA, Sep. 29, age 90.
Lawrence F. Moshier, '59, of Pittsburg, PA, Dec. 16, age 81.
Eldon R. Nonnamaker, '59, of Okemos, Nov. 12, age 84.
John S. Perry, '59, of Athens, GA, Sep. 13, age 92.
Myrtle A. (Perry) Runyon, '59, of Dayton, OH, Dec. 19, age 87.
James R. Timmer, '59, of Tequesta, FL.
Goro Uehara, '59, of Honolulu, HI, Jan. 2, age 83.
David A. Valerio, '59, of Ocean Isle Beach, NC, Dec. 15, age 75.
Evan S. Williams, '59, of Rochester, Sep. 30, age 82.

'60s

Ronald E. Bloss, '60, of Kalamazoo, Nov. 29, age 90.
Gerald H. Brandt, '60, of Suttons Bay, Sep. 10, age 79.
Ralph R. Byrne, '60, of Detroit, Jan. 19, age 76.
Pauline F. Castle, '60, of Grand Ledge, May 15, age 97.
Richard E. Cunningham, '60, of Boyne City, Sep. 16, age 74.
Mary Ann (Chaplicki) Devoe, '60, of Orono, ME, Jul. 17, age 75.
James R. Eagan, '60, of Southfield, Oct. 29, age 88.
Ernest E. Gendron, '60, of St. Charles, Aug. 19, age 77.
Edward A. Gundel, '60, of Tucson, AZ, Sep. 17, age 79.
Mark C. Hollis, '60, of Lakeland, FL, Dec. 7, age 78.
Perry B. Johnson, '60, of Toledo, OH, Dec. 11, age 81.
Richard P. Kohn, '60, of Kansas City, MO, Jan. 4, age 73.
Benson J. Lamp, '60, of Dublin, OH, Sep. 14, age 86.
Robert S. Manthly, '60, of Lansing, Nov. 11, age 73.

Daniel C. McAlees, '60, of Greeley, CO, Aug. 29, age 75.
William C. Mills, '60, of Cary, NC, Jul. 3, age 86.
Earl A. Myers, '60, of Bellefonte, PA, Dec. 4, age 83.
Harry M. Olsen, '60, of Anaheim, CA, Aug. 9, age 81.
David E. Rawden, '60, of Collinsville, IL, Oct. 17, age 78.
Richard L. Roland, '60, of Naples, FL, Oct. 14, age 81.
James J. Seitz, '60, of San Gabriel, CA, Nov. 8, age 74.
Mary M. Shih, '60, of Madison Hgts., Mar. 8, age 89.
Wildon J. Shinn, '60, of Thibodaux, LA, Jun. 24, age 78.
David A. Stafseth, '60, of St. Joseph, Apr. 25, age 74.
Robert J. Townsend, '60, of Cincinnati, OH, Mar. 27, age 73.
John B. Weigele, '60, of Wilmington, DE, Dec. 17, age 80.
Norman A. Brown, '61, of Temperance, Sep. 25, age 73.
John D. Eister, '61, of Grand Rapids, Dec. 28, age 83.
David F. Hamil, '61, of Indianhead, MD, Oct. 16, age 76.
Dale E. Harnish, '61, of Sun Lakes, AZ, May 27, age 72.
Barrett J. Harrison, '61, of West Bloomfield, Sep. 21, age 73.
Linda L. (Kohlhof) Herr, '61, of Niantic, CT, Dec. 23.
George C. Karris, '61, of Midland, Sep. 16, age 88.
Hilda (Wright) Keener, '61, of San Diego, CA.
James W. Lind, '61, of Hyde Park, NY, Sep. 11, age 73.
Charles S. Lundberg, '61, of Lansing.
Robert R. Maier, '61, of Durand, Oct. 31, age 75.
Thomas J. McGreevy, '61, of Atlanta, GA, Nov. 11, age 84.
Julie K. (Kay) Mitchell, '61, of Navato, CA.
Norman T. Odden, '61, of White Plains, NY, Dec. 20, age 76.
Frances Odom, '61, of Gatlinburg, TN.
Alden L. Peterson, '61, of Sturgis, Aug. 11, age 76.
Elliott R. Reum, '61, of Livonia, Apr. 23, age 82.
Samuel J. Serrell, '61, of Elk Rapids, Aug. 15, age 89.
Theodore J. Sjoerdsma, '61, of Lexington, VA, Sep. 22, age 83.
Jean T. Ward, '61, of Toledo, OH, Jul. 16, age 78.
Wayne R. Bergstrom, '62, of Ivins, UT, Dec. 23, age 72.
Val R. Berryman, '62, of Williamston, Jan. 10, age 72.
Mary B. (Barrone) Circle, '62, of Scottsdale, AZ, Nov. 24, age 71.
Howard P. De Young, '62, of Saginaw, Oct. 10, age 74.
Al Dogger, '62, of Zeeland, Feb. 2, age 69.
Donald J. Donahue, '62, of Saginaw, Sep. 20, age 76.
Thomas W. Ellis, '62, of Lincoln Park, Oct. 13, age 77.
George W. Ferns, '62, of Haslett, Oct. 3, age 85.
Leroy E. Flint, '62, of Flint, Jan. 26, age 75.
Milton C. Hillery, '62, of Racine, WI, Jan. 15, age 79.
Gerald C. Hopkins, '62, of Mechanicsburg, PA, Jul. 17, age 75.
Richard K. Hughes, '62, of Rotonda West, FL, Sep. 11, age 83.
Warren C. Hume, '62, of Winter Park, FL, Nov. 14, age 72.
Frederick W. Shaver, '62, of Haslett, Jan. 1, age 78.
Roger K. Valerius, '62, of Hillsdale, May 5, age 74.
John A. Welling, '62, of Trenton, NJ, Dec. 16, age 76.
Benjamin J. Burns, '63, of Grosse Pointe, Sep. 7, age 72.
Henry W. Coley, '63, of East Arlington, VT, Dec. 4, age 86.
Warner T. Dahlberg, '63, of Austin, TX, Sep. 25, age 76.
Ronald G. Dietrich, '63, of Fremont, IN, Jan. 6, age 71.
Samuel Halsey, '63, of New York, NY, Feb. 19, age 87.
Carol A. (Kunze) Hause, '63, of East Lansing, Sep. 15, age 72.
Gerald E. Herron, '63, of Cincinnati, OH, Jan. 19, age 71.
William T. Hicok, '63, of Williamsburg, VA, Nov. 25, age 70.
Lonnie D. Johnson, '63, of Okemos, Jun. 16, age 73.
Edward H. Kieckhefer, '63, of Pasadena, CA, May 7, age 70.
Lynn L. (Kelly) Kitts, '63, of Ada, Sep. 13, age 72.
Elaine G. (Hamilton) Klenk, '63, of Lady Lake, FL, Jun. 18, age 70.
Steve E. Lehoczyk, '63, of Chesterfield, Sep. 1, age 71.
Dorothy J. Mc Ginnis, '63, of Kalamazoo, Jan. 11, age 92.
Patrick W. McGrew, '63, of Dearborn, Oct. 12, age 71.
Donald J. Pope, '63, of Lapeer, Nov. 28, age 72.
Claudia A. (Cady) Vellanti, '63, of Lansing, Nov. 21, age 71.
Der-Chuen Wang, '63, of Taiwan, Aug. 19, age 83.
Beverly M. (Wepman) Apel, '64, of West Bloomfield.
Douglas A. Bruce, '64, of Ft. Myers, FL, Dec. 2, age 69.
Elwin F. Cammack, '64, of Saint George, UT, Nov. 25, age 86.
Christy K. Clymer, '64, of Evans, CO.
Frances (Brown) Colson, '64, of Arvada, CO, May 4, age 93.
Michael R. Cummings, '64, of Columbus, OH, Sep. 25, age 71.
Jerry J. Dermody, '64, of Grandville, Apr. 15, age 69.
Katharine L. Fuess, '64, of San Luis Obispo, CA, Nov. 6, age 69.
Charles H. Grams, '64, of Lansing, Jan. 7, age 70.
David L. Haarer, '64, of Whitmore Lake, Sep. 14, age 82.
Stuart D. Hallock, '64, of Homer, NY, Aug. 16, age 72.
Barbara S. (TerHaar) Hamann, '64, of Jefferson, WI, Jan. 13.
Arthur D. Hazel, '64, of Winter Haven, FL, Jan. 16, age 70.
Richard L. Hinkelman, '64, of Florissant, MO, Oct. 1, age 76.
Arthur P. Hofmann, '64, of Wilmington, NC, Jan. 4, age 82.
Barrie R. Holmes, '64, of Naples, FL, Sep. 6, age 69.
Wilbur C. Johnson, '64, of Hickory Corners, Oct. 9, age 70.
Francis J. McIlvaine, '64, of Zwolle, LA, Dec. 15, age 81.
Jean B. Murray, '64, of Bay City, Jul. 21, age 82.
John N. Patterson, '64, of Anacortes, WA, Oct. 15, age 82.
Kenneth W. Reber, '64, of Plymouth, IN, Dec. 18, age 94.
Jerry M. Rippee, '64, of Spartanburg, SC, Dec. 29, age 72.
William A. Ryan, '64, of Colorado Springs, CO, Jan. 6, age 82.
Daniel L. Schobert, '64, of Traverse City, Nov. 24, age 71.
Corrine C. Sonneveldt, '64, of Holland, Oct. 7, age 91.
James F. Stodola, '64, of San Diego, CA, Sep. 28, age 71.
Lucille M. Thomas, '64, of Grand Rapids, Dec. 8, age 93.
Wesley C. Zinck, '64, of Metairie, LA, Dec. 15, age 70.
Carol E. Arens, '65, of Sterling Heights, Nov. 22, age 70.
Marvin A. Black, '65, of Westport, CT, Jan. 15, age 71.
James L. Bolthouse, '65, of Grand Haven, Aug. 17, age 69.
Richard A. Brunt, '65, of Toledo, OH, Jul. 26, age 68.
Carol A. Costello, '65, of Milford, CT, Nov. 21, age 70.
Donald D. Dick, '65, of Collegedale, TN, Sep. 16, age 80.
Dempsey M. Dupree, '65, of Leesburg, VA, Oct. 28, age 81.
Laurence L. Hepp, '65, of Franklin, May 10.
Kenneth M. Iwashita, '65, of Wickliffe, OH, Dec. 12, age 69.
June F. Jacobson, '65, of East Lansing, Jan. 18, age 83.
Mary A. Konieczka, '65, of Traverse City.
Louise I. Labozzetta, '65, of Grand Rapids, Sep. 4, age 89.
Hee Kwan Lee, '65, of Saint Paul, MN, Dec. 8, age 84.
Lyle E. Massing, '65, of South Bend, IN, Jan. 22, age 81.

William D. Mathes, '65, of Phoenix, AZ.

Neil F. Meurlin, '65, Nov. 11, age 89.

Arvin F. Mueller, '65, of Troy, Sep. 6, age 71.

Glen J. Pieczynski, '65, of Posen, Oct. 5, age 71.

Russell E. Pigue, '65, of Lansing.

James E. Rand, '65, of Gurnee, IL, Oct. 17.

Sally M. Rogow, '65, of Canada, Dec. 21, age 82.

Klaus Steinbeck, '65, of Athens, GA, Feb. 16, age 74.

Viphavan Suvannin, '65, of Washington, DC.

Lawrence L. Treadwell, '65, of Olivet, Jan. 6, age 71.

Mary A. (Jacobson) Witkop, '65, of St. Paul, MN, Nov. 17, age 80.

Charles S. Chapman, '66, of Detroit.

John R. Edwards, '66, of Thomson, GA, Aug. 13, age 69.

Mary (Kovach) Fairweather, '66, of Clio, Sep. 23, age 68.

Charles W. Festian, '66, of Naples, FL, Sep. 13, age 69.

Dale L. Freed, '66, of Grand Blanc, Aug. 18, age 69.

Duane J. Harings, '66, of Powder Springs, GA, May 6, age 75.

David B. Hintz, '66, of Saginaw, Jan. 26, age 68.

Sandra J. (Munson) Klaver, '66, of Indialantic, FL, Nov. 28, age 68.

Gordon H. Lewis, '66, of Asheville, NC.

Franklin R. Piper, '66, of Naples, FL, Aug. 26, age 80.

Lawrence S. Rose, '66, of Wilmette, IL, Apr. 26, age 70.

George W. Snyder, '66, of Occidental, CA, Jan. 10, age 68.

Rex L. Wood, '66, of White Lake, Oct. 12, age 88.

David V. Zakem, '66, of Sudan, Aug. 21, age 67.

Charles K. Atkin, '67, of East Lansing, Aug. 12, age 66.

Olivera Bukovinsky, '67, of East Lansing, Dec. 25, age 83.

Robert M. Casey, '67, of Portage.

Wilson J. Dalzell, '67, of East Lansing, Oct. 30, age 77.

Raymond D. DeShazo, '67, of Lexington, SC, Jan. 11, age 71.

Donna M. Fay, '67, of Ypsilanti, Nov. 1, age 67.

Nancy A. (Taylor) Forbear, '67, of Spring Lake, Jan. 10, age 67.

Andrea K. Gartside, '67, of Walled Lake.

Ledell Griffin, '67, of Detroit, Dec. 10, age 77.

Janet E. Harrell, '67, of State College, PA.

Judith A. Hinga, '67, of Crown Point, IN, Oct. 21, age 67.

Herbert L. Kay, '67, of Troy, Jun. 24.

Douglas McLean, '67, of Nyack, NY, Oct. 14, age 85.

Brian R. Moeller, '67, of Wilmington, NC.

Robert M. Nuermberger, '67, of Dayton, TN, Dec. 13, age 83.

John E. Olsen, '67, of Saudi Arabia, Apr. 13, age 67.

Michael D. Olsen, '67, of Blacksburg, VA, Mar. 20, age 67.

James D. Phillips, '67, of Penn Valley, CA, Aug. 31, age 67.

Robert C. Rosenthal, '67, of Seattle, WA, May 2, age 66.

Lenore M. Talley, '67, of Rochester, Apr. 1, age 94.

Marilyn L. (Wilkinson) Tamburello, '67, of Montague, Jan. 13, age 66.

John D. Thompson, '67, of Owosso.

Linda D. (Zolman) Wetherbee, '67, of Greenville, Aug. 27, age 66.

Robert L. Carolus, '68, of Traverse City, Sep. 10, age 72.

Robert R. Cooley, '68, of Lansing, Sep. 18, age 68.

John A. Cooper, '68, of Jacksonville, FL, Nov. 1, age 95.

Paul R. Fairbanks, '68, of North Richland Hills, TX, Oct. 3, age 66.

Samuel B. Fellows, '68, of Midland, Sep. 25, age 74.

Robin L. (Raley) Gifford, '68, of Glastonbury, CT, Aug. 10, age 66.

Su Chan Hsu, '68, of East Lansing, Apr. 1, age 77.

William G. Johnson, '68, of Port Huron, Dec. 21, age 77.

Roland V. Maneno, '68, of Los Angeles, CA, Apr. 22, age 72.

Carolee (Hoffman) Merritt, '68, of Redondo Beach, CA, Oct. 17, age 67.

James R. Ozinga, '68, of Rochester Hills, Sep. 11, age 80.

Donald A. Reynolds, '68, of Grosse Pointe Woods, Sep. 25, age 66.

Carl L. Salling, '68, of Mesick, Aug. 11, age 68.

George S. Stevens, '68, of Takoma Park, MD.

James L. Stokoe, '68, of Weaverville, NC, Dec. 11, age 66.

Vincent G. Swinney, '68, of Reno, NV, Nov. 20, age 77.

Dennis W. Brack, '69, of Royal Oak, Sep. 9, age 65.

James C. Brookes, '69, of Southfield, Aug. 13, age 82.

Richard L. Buschman, '69, of Colorado Springs, CO, May 10, age 64.

Norman C. Colter, '69, of Readfield, ME, Nov. 1, age 81.

Richard L. Ehlert, '69, of Troy, Jan. 9, age 87.

Ronald J. Evans, '69, of Twin Lake, Nov. 15, age 66.

Beverly R. (Radcliffe) Hellman, '69, of Denver, CO, Aug. 2, age 64.

Carol P. (Murphy) Hindenach, '69, of Marshall, Dec. 2, age 79.

James A. Holmes, '69, of Webberville, Oct. 1, age 72.

Cynthia A. (McQueen) Kragt, '69, of Okemos, Dec. 8, age 65.

James L. Mannel, '69, of Valparaiso, IN, Sep. 5, age 78.

John R. Messier, '69, of Stuart, FL, Aug. 30, age 66.

Clifford D. Russell, '69, of Hyrum, UT, May 28, age 82.

John T. St. Germain, '69, of North Fort Myers, FL, Sep. 1, age 71.

Jefferson A. Stade, '69, of Ray, Nov. 19, age 65.

Geoffrey G. Strange, '69, of Washington, DC, Dec. 30, age 80.

Diana L. Thomas, '69, of Mason, Dec. 3, age 65.

C. Larry Vice, '69, of Brownville, NE, Nov. 15, age 71.

Michael W. Wisti, '69, of Mason, Nov. 27, age 73.

▶ '70s

J. R. Arndt, '70, of Sonora, CA, Oct. 6, age 74.

John E. Beras, '70, of Southfield, Jan. 7, age 64.

Walter L. Bowman, '70, of Pottstown, PA, Aug. 15, age 70.

Shirley F. Brown, '70, of Cleveland, GA, Sep. 20, age 83.

Dale D. Brunton, '70, of Rensselaer, IN, Dec. 29, age 62.

J. William Herrmann, '70, of Farmington.

Richard H. Johnson, '70, of East Lansing, Nov. 21, age 65.

Patricia D. (Halpin) Liebold, '70, of Fenton, Feb. 27, age 66.

Abraham Moerland, '70, of Holland, Aug. 31, age 87.

Peggy A. (Wier) Moore, '70, of Deerfield Beach, FL, Nov. 15, age 64.

Ronald F. Romelhardt, '70, of Saint Joseph, Nov. 13, age 64.

Janice B. (Barnes) Schmitt, '70, of Henderson, TN, Oct. 17, age 69.

James L. Shaffer, '70, of Prairie Village, KS.

William C. VanMeter, '70, of Wyoming, Oct. 16, age 64.

Lois D. Wiedbrauk, '70, of East Lansing, Dec. 2, age 86.

Stella M. (Shelton) Anderson, '71, of Eustis, FL, May 10, age 77.

Robert K. Bade, '71, of Bartlesville, OK, Sep. 14, age 68.

Benjamin M. Baldus, '71, of Lansing.

Roger R. Boelio, '71, of Farmington, Jul. 29, age 66.

Rodney H. Despain, '71, of Orem, UT, Jan. 7, age 74.

Thomas M. Ferstle, '71, of Rockwood, Jul. 22, age 62.

Charles W. Karm, '71, of Monroe, Oct. 8, age 62.

Richard L. Lawrence, '71, of Middleville, Sep. 24, age 63.
Susan K. (Fetner) Norris, '71, of Waterloo, IA, Sep. 25, age 63.
Millicent C. Reid, '71, of Columbus, GA, Jan. 9, age 63.
Donald B. Rogers, '71, of Grand Blanc, Feb. 21, age 76.
Richard D. Short, '71, of Ubly, Nov. 3, age 65.
Sandee S. (Sandwith) Staples, '71, of Saint Charles, IL, Aug. 25, age 64.
David K. Wilcox, '71, of Traverse City, Oct. 30, age 66.
Marie L. Workman-Love, '71, of Marine City, Jan. 5, age 66.
Joan I. (Novastko) Brandow, '72, of Bloomfield Hills.
Audrey I. English, '72, of Detroit, Aug. 28, age 62.
Thomas E. Hansen, '72, of Tucson, AZ, Sep. 16, age 62.
Nancy A. Hecox, '72, of Marshall, Nov. 7, age 62.
James A. Hood, '72, of Madison, WI.
Floyd V. Hower, '72, of Duluth, GA, Sep. 16, age 72.
Mitsuo Ikeda, '72, of Seattle, WA, Feb. 15, age 84.
James R. Kozel, '72, of Waterford, Dec. 2, age 62.
Jane W. Lo, '72, of Derwood, MD, Jul. 9, age 67.
James W. Paldi, '72, of San Francisco, CA, Feb. 8, age 61.
Rosalyn Randall, '72, of Scarborough, ME, May 23, age 62.
Tom C. Steele, '72, of Northport, Jan. 16, age 88.
Bryan L. Stewart, '72, of Lansing, Jan. 1, age 63.
Maxwell C. Tasker, '72, of Wyoming, Jan. 15, age 69.
Marlene Veldheer, '72, of Holland, Jun. 7, age 75.
Gerry C. Williams, '72, of Grand Rapids, Mar. 27, age 70.
Jane Collins, '73, of Belleville, Dec. 17, age 65.
Belva H. (Haynes) Eiland, '73, of East Lansing, Sep. 24, age 75.
Margaret E. Hahn, '73, of Grosse Pointe, Oct. 18, age 62.
Kenneth H. Kortright, '73, of Alachua, FL, Oct. 19, age 69.
Michael R. Miley, '73, of Waterford, Dec. 31, age 69.
Ernest F. Retzel, '73, of Santa Fe, NM, Nov. 8, age 63.
Bruce E. Schmitt, '73, of San Francisco, CA, Nov. 23, age 61.
Lee A. Strickler, '73, of St. Clair, Dec. 3, age 62.
Helen E. (Winters) Winters-Cole, '73, of Birch Run, Jul. 21, age 92.
David M. Woodcock, '73, of Ann Arbor, May 3, age 61.
Donald M. Blair, '74, of Sacramento, CA, Nov. 30, age 62.
Mickey S. Davis, '74, of West Bloomfield, Dec. 24, age 62.
Alvin R. Goldman, '74, of West Bloomfield, Sep. 11, age 86.
Juliet (Boylan) Kauffman, '74, of Midland, Sep. 5, age 61.
Jack B. Petrie, '74, of Whitesboro, NY, Nov. 26, age 60.
Billie G. Rouches, '74, of Pottsville, Nov. 20, age 78.
Rolf S. Bagen, '75, of Pittsburgh, PA, Nov. 27, age 65.
Daniel C. Gilbert, '75, of Westland, Oct. 28, age 61.
Richard J. Kinsey, '75, of Plymouth, Jun. 18, age 73.
Ernest J. Knapp, '75, of Three Rivers, Sep. 28, age 69.
Frederick VanHorn, '75, of Lake Worth, FL, Jul. 16, age 58.
John P. Walker, '75, of Comstock Park, Jun. 10, age 59.
John G. Walsh, '75, of Plano, TX, Jul. 26, age 61.
Judith F. (Floria) Wilson, '75, of Midland.
Yung Y. Wu, '75, of East Lansing, Feb. 27, age 62.
Terrence D. Dickie, '76, of Independence, MO, Aug. 7, age 60.
Richard W. Martin, '76, of Orchard Lake, Aug. 27, age 58.
Bonnie G. Olson, '76, of Spring Lake, Sep. 17, age 63.
Brian D. Onweller, '76, of Williamston, Dec. 11, age 59.
Karel L. (Jenkins) Vorel, '76, of Sparta, Sep. 20, age 58.
Kevin D. Wilson, '76, of Lansing, Jun. 8, age 58.
Diana L. Artz-Iffland, '77, of Kalamazoo, Aug. 7, age 63.
David C. Beagley, '77, of Round Lake, IL, Dec. 10, age 62.
Randall G. Bush, '77, of St. Louis, Oct. 7, age 59.
Nancy J. (Nutt) Butterfield, '77, of Saginaw, Sep. 13, age 57.
Michael G. Cruse, '77, of Southfield, Aug. 3, age 56.
Lyle R. Kowalski, '77, of Temperence.
LouAnn J. (Jewell) Marsh, '77, of Spring Hill, FL, Oct. 2, age 56.
Monty P. Phillips, '77, of Lansing, Jul. 28, age 73.
Mary E. Stack, '77, of Miramar, FL, Oct. 19, age 57.
Cheri L. (Radike) Sweet, '77, of St. Clair, Nov. 15, age 57.
Gregory Zalecki, '77, of Sterling Heights, Jul. 25.
Thomas N. Bortak, '78, of Boise, ID, Dec. 9, age 62.
John E. Cootware, '78, of Ralph, Dec. 25, age 56.
Reinhold S. Dengel, '78, of Detroit, Jul. 29, age 60.
Charles Donovan, '78, of San Francisco, CA, Sep. 22, age 72.
Rosemary E. Jabbour, '78, of Grosse Pointe, Nov. 19.
Mark W. Lemen, '78, of Utica, Oct. 21, age 56.
Janet R. Mannara, '78, of Cazenovia, NY, Nov. 5, age 79.
Johnie R. Oates, '78, of Las Vegas, NV, Jan. 3, age 76.
Alice L. (Aslaksen) Rynd, '78, of Woodbridge, NJ, Aug. 29, age 56.
Rodney B. Beaulieu, '79, of West Bloomfield, Nov. 17, age 80.
Bradford T. Feild, '79, of Traverse City, Oct. 9, age 58.
Richard J. Long, '79, of West Bloomfield, Nov. 7, age 55.
Douglas J. MacDonald, '79, of Indianapolis, IN, Jan. 12, age 56.
Ruthann F. (Landon) Mueller, '79, of Fairfield Bay, AR, Nov. 28, age 88.
Diane M. Neering, '79, of Sterling Heights, Oct. 21, age 55.
Gary S. Olson, '79, of Okemos, Sep. 18, age 57.
Larry B. Robinson, '79, of Saginaw, Sep. 3, age 60.
Karen J. (Stinson) Schroeder, '79, of Williamsburg, VA, Dec. 12, age 55.
Frank M. Simmons, '79, of Southfield, Oct.)29, age 82.
Robert S. Westerhof, '79, of Saint Joseph, Jan. 9, age 54.

'80s

Bonita M. (Boylan) Barton, '80, of Lansing, Jan. 1, age 59.
Peter L. Bodycombe, '80, of Willseyville, NY, Sep. 22, age 56.
Nancy A. Bryans, '80, of Mason, Jul. 1, age 55.
Clarence M. Burton, '80, of Royal Oak, Nov. 14, age 60.
Charon C. Chase, '80, of N. Chicago, IL, Dec. 10, age 54.
Brian K. Liska, '80, of Trenton, Oct. 9, age 58.
Kevin P. Monahan, '80, of Baton Rouge, LA, Oct. 10, age 54.
Steven B. Robbins, '81, of Lansing, Nov. 21, age 54.
Deborah A. (Zonts) Benito, '82, of Phoenix, AZ, Oct. 4, age 54.
Joseph P. Diedrick, '82, of Lansing, Apr. 9, age 83.
John F. Egloff, '82, of Swartz Creek, Sep. 28, age 76.
Margaret A. Hawkins, '82, of Rowlett, TX.
Raymond E. Hudash, '82, of Irvine, CA.
Jeanne M. Immel, '82, of Manchester, NH, Sep. 28, age 52.
Amy L. (Rosenberg) Kline, '82, of Carmel, IN, Nov. 11, age 52.
Virginia M. Nightingale, '82, of Stockbridge, Jan. 20, age 70.
Daniel P. O'Leary, '82, of Clifton Park, NY, Jan. 2, age 54.
Kevin E. Rushton, '82, of Bloomfield Hills, Oct. 17, age 54.
Dawn M. (Stokes) Ruth, '82, of Warren, Apr. 10, age 53.
Diane A. Saroli-Taylor, '82, of Lowell, Aug. 19, age 51.
Michael J. Dagani, '83, of Baton

Rouge, LA, Jan. 1, age 75.
Neil E. Sinclair, '83, of Perryville, MD, Jun. 14.
Eunice M. Spencer, '83, of Howell, Sep. 14, age 66.
Raymond N. Viele, '83, of Vermontville, Jan. 8, age 52.
Katrina C. (Bobl) Chessrown, '84, of Grosse Ile, Sep. 4, age 49.
Harold K. Green, '84, of Mt. Zion, IL, Aug. 9, age 49.
Stuart E. Miller, '84, of Midland, Aug. 15, age 51.
Anil G. Walambe, '84, of West Bloomfield, Aug. 27, age 66.
Helen M. Wendling, '84, of Wales, Nov. 12, age 78.
Charles E. Fenwick, '85, of Omaha, NE, Feb. 16, age 49.
William C. Gracik, '85, of Algonquin, IL, Aug. 9, age 51.
Joseph C. Haller, '85, of Sault Ste. Marie, Jun. 10, age 80.
Carmen D. Murray, '85, of Detroit, Feb. 12, age 48.
Mark A. Rowe, '85, of Kalamazoo, Nov. 7, age 50.
Jack B. Gross, '86, of Mason, Oct. 10, age 51.
Kevin E. Holewinski, '86, of Alpharetta, GA, Nov. 14, age 50.
D. J. Krogol, '86, of Riverview, Nov. 12, age 63.
H. Claire Vlasin, '86, of East Lansing, Nov. 28, age 80.
Linda M. Carruthers, '87, of Ann Arbor, Jan. 12, age 72.
Charlotte D. Collins, '87, of Clarkston, Oct. 10, age 50.
Charles E. Gates, '87, of San Antonio, TX.
Judith E. Guertin, '87, of Milford, Nov. 15, age 75.
Richard A. Maganini, '87, of Glen Ellyn, IL, Dec. 28, age 48.
Rosemarie (Hoffknecht) Slockbower, '87, of Saint Augustine, FL, Sep. 1, age 47.
Kimberly Archer, '88, of Lithia, FL, Dec. 2, age 47.
Andrew P. Briggs, '88, of Farmington, Oct. 12, age 47.
Theophil A. Jantz, '88, of Owendale, Apr. 16, age 46.
Kate J. Plaisier, '88, of

Washington, DC, Aug. 29, age 55.
John T. McCabe, '89, of Flushing, Jan. 14, age 45.

'90s

Timothy A. Bois, '90, of Flint, May 18, age 58.
Dana L. Harris, '90, of Walled Lake, Aug. 23, age 44.
Mathew S. Jones, '91, of Williamston.
Scott A. Stacey, '91, of Allen Park, Dec. 7, age 44.
Alfonso F. Jimenez, '92, of Torrance, CA, Jun. 30, age 49.
Kimberly A. (Spencer) Kozak, '92, of Nokomis, FL, Sep. 29, age 48.
Merry C. Malfroid, '92, of Grand Rapids, Jul. 18, age 67.
Robert M. Wild, '92, of Royal Oak, Nov. 3, age 42.
Daniel A. Bowser, '93, of Novi, Dec. 9, age 46.
David V. Alizo, '95, of Forest Park, IL, Sep. 17, age 44.
Nicki R. Deleeuw, '96, of Otsego, Jan. 18, age 63.
John D. McCormick, '96, of Sparks, NV, Apr. 9, age 50.
Joseph L. Cornecelli, '99, of Troy, Jan. 15, age 61.
Anthony J. Driscoll, '99, of Okemos, Dec. 26, age 44.
Paul R. Sytsema, '99, of Grandville, Nov. 1, age 38.

'00s

Michelle M. Packard, '00, of Atlanta, GA, Jul. 4, age 34.
Phillip D. Johnson, '05, of Jackson, Oct. 1, age 28.
Robin E. Munro, '05, of Lawrenceville, GA, Sep. 9, age 35.
Lisa C. Rhodes, '06, of Belleville, Aug. 8, age 36.
Brandon M. Turner, '07, of Grand Blanc, Apr. 15, age 27.
Angela L. Fraser, '08, of Jackson, Sep. 5, age 28.
Kevin A. Wolford, '08, of Novi, Jul. 29, age 26.
Margaret S. (Sampson) Edgell, '09, of Seattle, WA, Oct. 17, age 55.

Faculty and Staff

Albert Balgoyen, of Eagle.
Rudolph N. Band, of East Lansing, Oct. 12, age 83.
Margaret A. Cushion, of Lansing, Sep. 22, age 79.
James Dompier, of L'Anse, Jan. 12, age 74.
Kendall W. Foster, of East Lansing, Oct. 10, age 82.
Morton M. Gordon, of East Lansing, May 29, age 87.
Edward D. Graham, of East Lansing.
William J. Hamilton, of East Lansing, Sep. 25, age 88.
Mary L. (Edington) Hempsted, of Perry, Oct. 30, age 73.
John G. Hocking, of Ann Arbor, Mar. 23, age 91.
Seth R. Hootman, of East Lansing, Sep. 21, age 63.
Alvin E. House, of Okemos, Oct. 3, age 86.
Lizzie P. Hudson, of Lansing, Jan. 8, age 89.
Hazel Jeffrey, of Traverse City, Dec. 19, age 93.
Sophie C. Machinchick, of Lansing, Aug. 10, age 81.
Mildred L. Mahan, of Stanton, Jan. 22, age 85.

John Quisenberry, of Lansing, Jan. 12, age 87.
Arda J. Reedy, of East Lansing, Oct. 21, age 91.
Edwin R. Rutherford, of Pt. Charlotte, FL, Oct. 29, age 89.
Dorwin Shepler, of Portland, Sep. 19.
Linda L. Smith, of Fayetteville, GA, Aug. 21, age 66.
Ralph H. Smuckler, of Washington, DC, Nov. 15, age 86.
H. Kay Steensma, of East Lansing, Jul. 10, age 95.
Charles C. Sweeley, of Haslett, Sep. 21, age 82.
Zadie Tyner, of Lansing, Dec. 13.
Clarence L. Winder, of East Lansing, Aug. 2, age 91.



MSU was notified of these deaths between Aug. 1, 2012 and Jan. 31, 2013.

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 East Lansing, MI 48824
 Or email to: obits@msu.edu.

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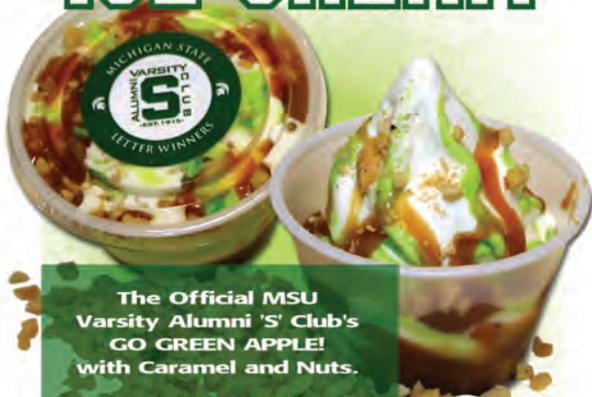


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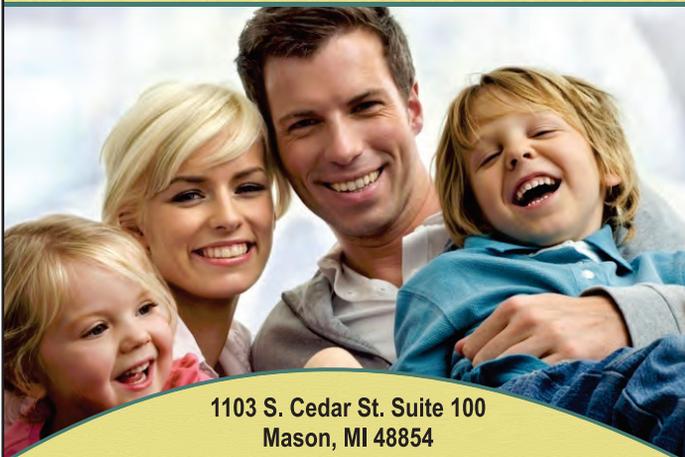


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Members of the Class of 1963 celebrating their 50th reunion will be recognized.

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- ◆ Kedzie Cane will be awarded to the oldest male and female in attendance at the Kedzie Luncheon
- ◆ Class of 1963 Photograph
- ◆ College Breakfasts
- ◆ Tour of the Broad Art Museum
- ◆ Bus Tour of Campus
- ◆ Ice Cream Social at Cowles House
- ◆ Student Government Luncheon
- ◆ Sorority and Fraternity Dinner

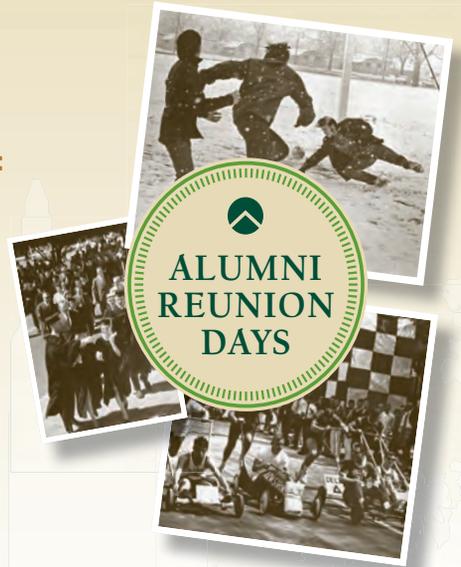
INFORMATION AND RESERVATIONS:

To receive a full reunion brochure please contact Regina Cross at 877-678-2586.

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www.alumni.msu.edu/ARD



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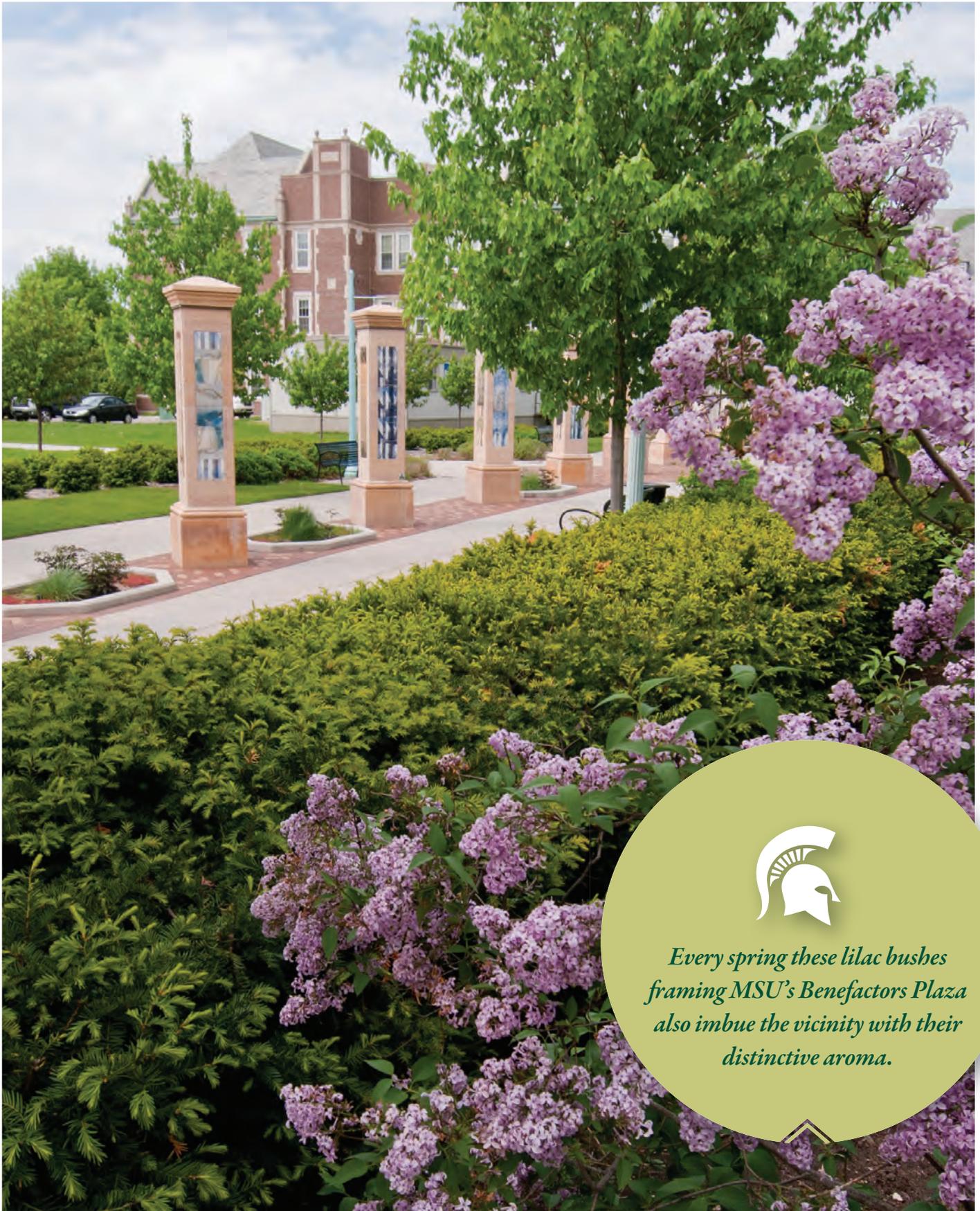
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