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MSU BY THE NUMBERS
We present some numbers that answer the most common questions, as well as other numbers that answer questions few—perhaps none—have asked.

THE WAVE OF THE FUTURE?
An MSU researcher is working on a promising new engine that could reinvent how engines are powered and transform the entire industry.

WHY CAN’T AMERICA COMPETE IN MATH AND SCIENCE? A NEW MSU CENTER SEEKS TO FIND SOLUTIONS
MSU’s new Institute for Research on Mathematics and Science Education will directly address one of the most critical crises in American education today.
Bricks that were in the MAC smokestack (estimate by the Gerard Chimney Co.).
Another academic year is under way, and the rhythms of the fall season on campus are already carrying us along. We work hard to get new students into the flow of the greater East Lansing community with Fall Welcome activities such as One Book One Community (everyone’s first reading assignment), our Community Welcome Teams for new campus residents and the Fill the Bus donation program.

Homecoming is already just a few weeks away and so we’re also looking forward to welcoming so many of you back to campus. The lay of the land might prove disorienting this year. The Shaw Lane power plant “MSC” smokestack had to be brought down this summer before it could tumble down on its own schedule, and across the street the Wells Hall addition has been steadily rising—destined to become a home for some of those who, in turn, will be displaced by the removal of Morrill Hall in 2013.

The smokestack letter bricks were preserved to be used again somewhere, but what to preserve and what to recycle is always a tricky part of stewardship at a venerable institution focused more on developing people and knowledge than on buildings. There’s no denying that the physical nature of such a place holds a powerful influence on memory, as if to give a permanent address to a cherished part of ourselves. Yet we know we can never step in the same river twice, not even the old Red Cedar.

And so it is for Michigan State with the ebb and flow of the seasons washing across the campus through generations of students, faculty and staff. I’ve been thinking about the meaning of “place” recently and how we’ve come to understand it since those first pioneers started shaping this now-familiar landscape.

Universities are remarkable places. In an uncertain world, it gives us comfort to hold onto our rich legacies and so we in academia like to project a stable institutional bearing with brick and ivy and so on. But change is about the only thing any of us can really count on, and we embrace it every year in the form of new faces, new knowledge and new horizons.

Our own land-grant legacy of empowering and inspiring Michigan’s sons and daughters started as a pretty local affair and now it lives on every continent on the globe. We’re a leader in study abroad, faculty research overseas and in our enrollment of international students. And now we occupy a firm perch in the dimension of cyberspace as well.

A strong sense of place is important to Michigan State. It helps us maintain ties to our alumni, certainly. It helps us attract the best students and faculty. We find more willing collaborators outside our immediate community. And all of these help grow a cluster of brilliance and creativity, expanding out from the campus like a vibrant neural network that through technology is now unconstrained by distance.

If landmarks help anchor each of us to this special place through the years, its spirit carries far afield through the people who walked our halls, discovered new knowledge in our classrooms and found community in these environs. This living place dwells in the hearts of the Spartan family wherever we find ourselves and the credit you earn in the differences you make wherever you are, rebound positively back to us. And when it does, you help make everything here a little taller, a little more memorable.

Sincerely,

Lou Anna K. Simon, Ph.D.
President, Michigan State University
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BEACH LEMMINGS
Great story about Glendon Swarthout’s contribution to America’s annual lemmings-to-the-beach ritual. Glendon was arguably the best American novelist to graduate from MSU. Eight movies were made from his 23 novels, including Bless the Beasts & Children and They Came To Cordura, which were nominated for the Pulitzer Prize in fiction.
Almost all of Glendon’s novels are now available as e-books from Amazon and Barnes & Noble. The Shootist, named in 2000 as one of the ten best Western novels of the 20th century, will be available in October from Bison Books (University of Nebraska Press) and also as an e-book. Many readers will recall the movie version (starring John Wayne in his last role).
We take exception, however, to (professor emeritus) Dave Anderson’s comments about Glendon imitating Ernest Hemingway. My dad was a fan of Hemingway’s writing, but Glendon wrote several comedies—excluding Where The Boys Are—which Ernest never did. My father did wear a mustache, all his life.
By the way, Glendon was never exactly a “nerd,” either. He was the lead singer in a dance band that was broadcast on statewide radio from the Pantlind Hotel in Grand Rapids. The original book title of Where The Boys Are was The Green Nurd, though, until his editor at Random House, Bennett Cerf, prevailed.
Miles Swarthout
Los Angeles, CA

BAD GUYS WON?
In regards to your “No More Bags in Stadium” article (Summer 2011, p. 7), I guess we are essentially admitting that the bad guys won. I do hope this ruling will be rescinded before football season starts.
Mark Reinheimer, ’84
Dallas, TX

ENTICING STORY
Thanks for the terrific article on the MSU Museum’s MASK: Secrets and Revelations exhibit. I hope the story entices your readers to visit the museum. The exhibit, which thanks to Director Gary Morgan and his staff, will be up the whole year, really merits multiple viewings.

CRITIC SILENCED?
The redesign is wonderful. I’m sitting down with my Sunday cup of coffee and reading the magazine before the Sunday papers! And I’m generally quite the critic. I helped finance my college education working as a typesetter, back in the olden days when there were such jobs as typesetters. Your continued zest for this publication is apparent. Keep up the great work on all fronts.
Anne Readett, MA ’86
Okemos

We appreciate this letter from Miles, editor of Easterns and Westerns (MSU Press, 2001), a collection of short stories by Glendon Swarthout. For more information about the writing Swarthouts, visit www.glendonswarthout.com. —Editor.

My wife Linda and I have long been supporters of the MSU Museum and felt privileged to adopt one of the masks on display—something we encourage our fellow alumni to do as well.
Bill Trevarthen, ’72
Okemos

AN EVEN TAN
Your spring break story brings up many great memories. In 1961, the Miami Herald quoted me in a story about the “collegian invasion” in Fort Lauderdale. On my kitchen is a plaque with a Paula Prentiss quote from Where The Boys Are: “I’d rather starve than go home without an even tan.”
Pat O’Bryan, ’62
Aspen, CO

KUDOS TO ASB
I very much enjoyed reading your article about Alternative Spring Break (ASB). As both the community agency partner and alumni site staff advisor for the 3 Mariposas Montessori-Dominican Republic ASB trip, I would like to thank MSU for sending such an amazing group of Spartans our way! A successful, productive, educational and fun trip was had by all, both foreign and local. We appreciate MSU selecting 3 Mariposas Montessori as a recipient of students’ services.
It is nice knowing that Spartans do good not only throughout their community, but throughout the world as well.
Sarah Ross, ’97
Cabarete, Dominican Republic

My immediate reaction when the brand new look arrived was “wow!” I thumbed through the pages all the way up the hill from the mailbox. Then—as always—it was cover to cover.
The Hon. Russ Mawby ’49, PhD ’59
Augusta

We appreciate the view of Russ Mawby, the longtime CEO of the W. K. Kellogg Foundation. Russ has served as MSU trustee (1992-96) and as chairperson of the national alumni board. —Editor.

I did not think it was possible to improve on the format of the MSU Alumni Magazine until the Summer 2011 issue arrived. Bravo! However, I noted one blaring omission—the list of new lifetime members. I hope your decision to not include this list is not a permanent one.
Patrick A. Beatty, ’90
Grand Rapids

Love the new look of the MSU Alumni Magazine; bright and informative. The article on spring break was very interesting and fun to read!
Carol Bowden, ’70
Sun City West, AZ
AROUND CIRCLE DRIVE

PIONEERING WATER SYSTEMS RESEARCH

An MSU professor and her colleagues are pioneering a new field of research to show just how lakes, streams and wetlands are interconnected to their surroundings.

Patricia Soranno, associate professor of fisheries and wildlife, will use a $2.2 million National Science Foundation grant to gauge land use and climate change’s impact on freshwater ecosystems—thus pioneering the research field of landscape limnology.

Soranno is leading a team of researchers from three universities who have been awarded a five-year grant from macrosystem biology. They will use landscape limnology as the foundation of their work, which is the study of bodies of water as they interact with one another as well as with natural and manmade features to learn how all these factors affect freshwater processes.

“Traditionally, bodies of water have been studied as isolated ecosystems,” says Soranno, an MSU AgBioResearch scientist. “Our research uses landscape limnology to study freshwaters as integrated elements in the landscape to improve our understanding and develop approaches needed for multi-ecosystem management.”

TWO ACQUISITIONS BY MSU’S BROAD MUSEUM

The Eli and Edythe Broad Art Museum at Michigan State University has acquired two works by multidisciplinary artist Andrew Kuo.

The works, “Self-Portrait (Rise and Shine),” 2009, and “The More You Know About Me, The More You’ll Think Twice Before Calling/ I’d Be More Tolerable If I Smoked Weed Because....” 2011, are the first acquisitions for the new contemporary art museum, which will also assume care for the 7,500 object collection of the university’s former Kresge Art Museum. The Broad at MSU is scheduled to open in spring 2012.

The Broad at MSU is the first museum to acquire works by Andrew Kuo, a New York-based artist whose works bring together his experience as a painter, graphic designer, sculptor, musician and student of art history.

“For a university museum with an educational mission, Kuo’s work offers a fascinating point of entry for a discussion of art history, and insight into the multidisciplinary approach of today’s most original and engaging contemporary artists,” says Michael Rush, the museum’s founding director. “Kuo’s deeply personal storytelling will resonate with diverse audiences, and I’m thrilled that the Broad at MSU will be the first museum to include this exciting young artist in its permanent collection.”

Andrew Kuo (American, born 1977)
Self-Portrait (Rise and Shine), 2009
Acrylic on linen, 16 x 12 inches
Eli and Edythe Broad Art Museum, Michigan State University
MSU purchase, funded by the Kathleen D. and Milton E. Muelder Endowment, 2011.1
A NEW, WEB-BASED GENETICS CURRICULUM

Why do middle schoolers struggle with the study of genetics? In Science Education, Michelle Williams, MSU assistant professor of education, suggests genetics and heredity lessons should be taught in a visually stimulating manner via computer technologies.

Williams has received a $2.3 million, five-year grant from the National Science Foundation to develop web-based genetics curricula for students starting in fifth grade.

“A lot of genetics happens at the microscopic level and it’s hard for students to visualize,” Williams says. “The goal is to get the students excited about science and keep that excitement going.”

In the published study, a group of seventh-grade students completed a web-based unit on genetics and were given assessments. Although improvement was shown, the students still struggled to understand cell function and genetic inheritance. But state and national academic standards indicate students should comprehend genetic-related concepts as early as elementary school.

EFFICIENCY IN PHOTOSYNTHESIS

In a head-to-head battle of harvesting the sun’s energy, solar cells beat plants, according to a new paper in Science. But scientists think they can even up the playing field, says MSU researcher David Kramer.

Plants are less efficient at capturing the energy in sunlight than solar cells mostly because they have too much evolutionary baggage. “This is critical since it’s the process that powers all of life in our ecosystem,” says Kramer, a Hannah Distinguished Professor of photosynthesis and bioenergetics. “The efficiency of photosynthesis, and our ability to improve it, is critical to whether the entire biofuels industry is viable.”

What can a college do when student behavior is out of control? In Animal House (1978), the offending Deltas were put on “double secret probation.” But in 1909, MAC did one better. President Jonathon Snyder hired a Pinkerton undercover agent to investigate.

At a time when most of the country was in favor of temperance, some students, Snyder felt, were spending too much time and money drinking in Lansing saloons, gambling and causing mischief on campus. MAC was gaining a reputation for being rowdy and Snyder wanted to identify the biggest trouble makers.

The Pinkerton Detective Agency provided an agent—J.E. Spencer, who enrolled as a special forestry student and took up residence in Wells Hall. Spencer pretended to be a regular student, attending classes and hanging around the dorm. Within a week, Spencer was invited to card games in the dormitory (against the rules at that time), shown how to sneak alcohol onto campus and told all about Lansing saloons.

Spencer uncovered excessive drinking and gambling by a few students, and also a series of harmful pranks on campus—such as shooting out all the lights in College Hall and stealing food. Spencer asked his boss for more than his $10 per diem. Jonathon Snyder received daily reports from Spencer. In three weeks, Snyder had enough information to expel 11 students, including Spencer. Some of the students wanted to fight the expulsions, some were impressed with how much Snyder knew about their shenanigans, and others were surprised they lasted as long as they had. A few students headed off to the saloons for one last drink before going home.

In flagrante delicto: Students impudently show off their stealing (top), drinking, smoking and gambling, prohibited activities in the residence halls.

MSU MOMENTS

This capsule of MSU history was assembled by Portia Vescio, public services archivist at MSU Archives & Historical Collections.

The comparison is useful because it’s leading the exploration of why plants are so inefficient and what can be done to improve their efficiency. Genetic engineering and the more aggressive techniques of synthetic biology—the marriage of biology and engineering to design and construct systems and metabolic pathways not found in nature—could speed things up considerably.

Kramer, who works in the MSU-Dept. of Energy Plant Research Laboratory, was part of a team of researchers led by Washington University in St. Louis.
WEST SIDE STORY AT WHARTON CENTER

One of the classics of Broadway musicals, *West Side Story*, comes to MSU’s Wharton Center for Performing Arts this fall (Nov. 8-13). It has been called one of “the greatest love stories of all time” and the Bernstein and Sondheim score won the 2010 Grammy for Best Musical Show Album. Other Broadway shows coming this fall include *Jersey Boys* (Sept. 18-Oct. 16) and *Rock of Ages* (Dec. 13-18), a love story told through hits by such rock groups as Journey, Styx, REO Speedwagon and Pat Benatar.

Classical music fans await the Eroica Trio performing with the Vienna Symphony Orchestra (Nov. 6) and the Empire Brass (Dec. 1). Families will enjoy *ImaginOcean* (Oct. 23), a black-light puppet show involving a treasure hunt. The National Acrobats of the People’s Republic of China (Oct. 27) will perform spectacular stunts. Popular music fans will look forward to performances by such stars as Tony Bennett (Oct. 28) and Nellie McKay (Nov. 19).

USING FEAR TO CONTROL LAMPREYS

A repellant for sea lampreys could be the key to better controlling one of the most destructive invasive species in the Great Lakes, says Michael Wagner, MSU assistant professor of fisheries and wildlife.

Scientists have noticed that when scents from dead sea lampreys are poured into a tank of live ones, the lampreys’ efforts to escape are dramatic. Wagner sees this reaction as a potential game changer.

“Sea lampreys are one of the most costly and destructive Great Lakes’ invaders,” says Wagner, whose research appears in the *Canadian Journal of Fisheries and Aquatic Sciences*. “The effectiveness of the odor combined with the ease in which it’s obtained suggests that it will prove quite useful in controlling sea lampreys in the Great Lakes.” Discovering an effective repellant puts research to control sea lampreys on a new path.

“By blocking certain streams with these chemical dams, sea lampreys can be steered away from environmentally sensitive areas and into waterways where pesticides could be used more effectively to eliminate a larger, more concentrated population of sea lampreys,” says Wagner, whose work is supported by MSU’s Ag-BioResearch and the Great Lakes Fishery Commission.
Every semester, MSU faculty, staff and students garner kudos too numerous to list exhaustively here. Some examples:

- Lisa D. Cook, assistant professor in the Dept. of Economics and James Madison College, has been named to serve one year on the president’s Council of Economic Advisers. She will serve as a senior economist and will advise President Barack Obama on matters of economic policy.

- Gretchen Birbeck, director of MSU’s International Neurologic & Psychiatric Epidemiology Program, has won the 2011 Outreach Scholarship/W.K. Kellogg Foundation Engagement Award for her work with epilepsy in Zambia. She led one of four community outreach initiatives honored by the Association of Public and Land-grant Universities.

GATES FUNDING FOR DRUG REFORMULATION

With another $2 million in funding from the Bill & Melinda Gates Foundation, researchers are moving closer to human clinical trials for a reformulated drug that can treat two debilitating tropical diseases.

Charles Mackenzie, a professor of veterinary pathology in MSU’s College of Veterinary Medicine, and his colleagues are looking to flubendazole, a drug tested first in the 1980s to treat the filarial disease river blindness (onchocerciasis). The disease afflicts about 40 million people worldwide, much of its damage in equatorial Africa.

Another filarial disease, elephantiasis (lymphatic filariasis), is caused by tiny worms in the vascular system and afflicts millions of people in tropical regions of the world.

“Although flubendazole faces important challenges with regard to safety, the potential benefits that could result relatively quickly from a safe, usable formulation make this a top priority for the filarial world today,” MacKenzie says. “This drug is the only drug candidate on the horizon that has demonstrated positive results.”

SAVING THE STATE’S SUGAR BEET INDUSTRY

MSU has enabled a partnership that helped resurrect Michigan’s $444 million sugar beet industry.

In 1996, industry yields hit an all-time low due to pest, disease and other issues. Farmers were switching to more profitable crops. Working with the Michigan Sugar Co., MSU spearheaded the creation of the Michigan Sugar Beet Advancement program, an interdisciplinary team of scientists, industry representatives and farmers. Together, they have helped boost production more than 80 percent in 15 years.

Today, Michigan is the nation’s fourth-leading sugar beet producer, giving the state an indirect economic boost of $1 billion, says Steve Poindexter, MSU Extension educator.

“Fifteen years ago, the sugar beet industry in Michigan was struggling to survive,” says Poindexter, who works with MSU’s Saginaw Valley Research and Extension Center. “This is a great success story that was definitely a team approach.”

The program’s advancements have allowed Michigan growers to produce 4 million tons of sugar beets, which translates to 1 billion pounds of white sugar. There are now 1,100 farm families raising sugar beets, and 2,300 full- and part-time people working at Michigan Sugar Co.

SUSTAINABLE EGG PRODUCTION

MSU researchers will use a $6 million grant to improve the sustainability of egg production in the United States.

The three-year grant, awarded by the Coalition for Sustainable Egg Supply (CSES), will be shared with the University of California, Davis. The research is expected to help consumers and producers make objective, science-based decisions as the egg industry evolves in response to consumer needs and desires, says Janice Swanson, MSU director of animal welfare and professor of animal science.

“Our goal is to thoroughly understand the full range of sustainability factors,” she says. “We will examine seasonal shifts, bird lifecycles, bird health and behavior, environmental impacts, human health and other factors affecting the sustainability of the egg-production system.”

CSES seeks to achieve a sustainable supply of eggs while taking a balanced and holistic approach to evaluating egg production systems, says Charlie Arnot, chief executive officer for the Center for Food Integrity.

TINTED LENSES FOR MIGRAINES

MSU researchers have shown why precision-tinted lenses reduce headaches for migraine sufferers.

MSU Radiologist Jie Huang used functional magnetic resonance imaging, or fMRI, to reveal how precision-tinted lenses normalize brain activity in patients with migraine headaches, thus preventing such attacks.

Huang’s research appears in Cephalalgia (May 2011), published by SAGE. Until now, the science behind the effects was unclear. The team led by Huang showed how colored glasses—tuned specifically to each migraine sufferer—work by normalizing the activity in the brain’s visual cortex.

“The specific characteristics of activation we recorded could provide a potential biomarker for identifying those migraine patients suffering visual cortical hyper-activation,” says Huang. “This biomarker could prove useful not only for further evaluation of tinted lenses but also for studying the effectiveness of drugs to prevent migraine headaches.”

Huang worked with colleagues from the University of Michigan and the University of Essex in England.

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ISRAELI COLLECTION TO MSU LIBRARIES

The MSU Libraries, together with the Jewish Studies Program in MSU’s College of Arts and Letters, have received a major gift: the Irwin T. and Shirley Holtzman Collection of Israeli Literature.

Notable for both its breadth and depth, the collection covers Israeli literature from the earliest days of statehood in 1948 up to the present. Many of the volumes of fiction, poetry and drama are inscribed by the author. Literary journals and literary criticism were also collected.

“The Holtzman Collection will be a tremendous asset to teaching and research at Michigan State,” says Marc Bernstein, professor of Hebrew. “Many of the literary works were printed in small quantities and are no longer available. And the correspondence and manuscript materials are absolutely unique and will be an important resource for scholars.”

The Holtzman Collection represents many years of passionate work by Irwin Holtzman, a Detroit-area builder and business owner.

“The MSU Libraries are extremely pleased to receive this wonderful gift of Israeli literature and we look forward to making it available to the MSU community,” said Peter Berg, head of special collections.

RESEARCH ON DRUG FOR PARKINSON’S

Researchers from MSU’s College of Human Medicine, Van Andel Research Institute and the Translational Genomics Research Institute are investigating a drug that has the potential to not only alleviate Parkinson’s symptoms but also halt the disease’s progression.

The research project will be funded by a $400,000 grant from the Michael J. Fox Foundation for Parkinson’s Research.

Researchers are focusing on the drug Fasudil, which is currently approved in Japan to improve blood flow to the brain in stroke victims and has shown similar positive outcomes in U.S. clinical trials.

“The potential of this drug is exciting not only because it could halt disease progression where other treatments only provide symptomatic relief, but also because of how quickly it could be made available to patients,” says Jeffrey P. MacKeigan, head of Van Andel’s Laboratory of Systems Biology and co-investigator on the project with Caryl E. Sortwell of MSU’s College of Human Medicine.

“This collaboration highlights the strength of strategically aligning teams from two research organizations with different skill sets,” says Sortwell, a professor in the Division of Translational Science and Molecular Medicine.

NEW MONITOR FOR EPILEPSY

The MSU HealthTeam and Lansing’s Sparrow Hospital have opened a state-of-the-art unit to monitor epileptic patients via video and brain monitoring.

The unit is the only one of its kind in mid-Michigan. It allows caregivers to observe patients who are not responding to medication and to better pinpoint the cause and type of their epilepsy.

“The epilepsy monitoring unit is going to become very handy, knowing that one out of 100 people have epilepsy and one-third of those people are not cured by any single medicine,” says Mounzer Kassab, an associate professor in the MSU Dept. of Neurology and a Sparrow neurologist.
A charitable bequest to Michigan State University is a thoughtful expression of your commitment to MSU and its future students. The MSU Office of Gift Planning is a valuable resource for alumni and friends to explore how they may, through their estate plans, efficiently remember and support the college, department and/or Spartan athletic, cultural or academic program of their choice.

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Shining A Light is a non-profit project
Henry Butler plays it by heart.
“Everything that I do when I’m creating music is based on intuition,” says Butler. “Intuition sparks the emotions.”

Henry Butler lost his sight from glaucoma when he was a baby.
“By the time the doctors realized what I had, it was too late to do anything for the eyes. So they wound up taking them out.”

He says his art and his spirit comes from something no one can touch or see. It’s something that lets his creativity soar and the rules slip away.
“There’s an energy within me that is superior to any energy that I will know—that I will understand—outside of me,” says Butler. “I know that when it’s in force, it works. And it doesn’t have any boundaries.”

Those boundaries, those rules, vanish when it comes to his music and his photography.
“I tell people that I’m a photographer. I’m interested in capturing and creating compositions using images. Past that, I let other people describe it. First of all, I can’t see it. And I’m probably more aware of that than anybody else, so I’m not trying to fool people. I feel like any piano I sit in front of is my instrument. I don’t care who owns it. I don’t care who bought it. That doesn’t matter. For the time I’m sitting at that piano, it’s mine, and I get to command that piano. It’s an inanimate object until I start playing it. And when I start playing it, when I move my fingers up and down the keys and those hammers are struck, that piano produces energy that brings it alive. And I’m happy to be the one that commands it. Some people will call it God; some people will call it other things. I don’t care what you call it. I know that when it’s in force, it works. And it doesn’t have any boundaries; it doesn’t say you’re supposed to play gospel music or you are supposed to play jazz or you’re supposed to play country. It says you play anything you damn well want to play. And that’s what I do.”

Truly wonderful music and art are born of skill and heart. Alumnus Henry Butler knows a lot about that.

He lost his sight as an infant and says he harnesses emotional energy to inspire, uplift and encourage, whether playing jazz piano or capturing images for photographic compositions. The New Orleans native mastered a number of instruments at the Louisiana State School for the Blind in Baton Rouge before earning a master’s degree in vocal music from Michigan State University.

Butler transcends labels and limitations. He performs his acclaimed and eclectic jazz nationally and internationally, and his photographs are exhibited throughout the country.
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alumni.msu.edu/join

Application must be received at MSUAA by 12-15-11. Offer good for one membership per household; no multiple-year purchases.
Fans of the Detroit Pistons have a reason for renewed optimism. This past summer, the NBA team—along with Palace Sports and Entertainment (PS&E)—was bought by Tom Gores, ’86, and his investment firm Platinum Equity of Beverly Hills, CA. “We’re looking to shake it up and do things the state and the city can be proud of,” says Gores, the fourth owner in franchise history. “We (Platinum Equity) have done a pretty good job getting ourselves set up in Michigan. We want to add jobs and help inspire the state’s economy. We’ll continue to look for acquisitions in Michigan.”

One of the NBA’s most successful teams, the Pistons boast three NBA championships—the last one in 2004. Tom founded Platinum Equity in 1995 and has since grown the firm to over $30 billion in combined annual revenue; it recently ranked 27th on the 2010 Forbes list of America’s Largest Private Companies. Tom gives MSU some credit for his business success. “I had the good fortune to have outstanding teachers and resources who helped direct and guide me along the way,” he says. “I received an excellent education at Michigan State. I continue to be proud of having gone there. I keep many close friendships made during my college years. The university offers a true balance between excellent education and a sense of camaraderie and sociability.”

Tom, age 46, resides in Beverly Hills with his wife Holly—MSU ’84—and children. When not serving in his role as chairman and CEO of Platinum, Tom is on either the soccer field or the basketball court coaching youth teams, applying the same principles of
hard work and inspiration that he does to his business. He also maintains active interests in the arts, serving on the Los Angeles County Museum of Art’s Board of Trustees and pursuing interests in music.

Pooja Gugnani: Upcoming Organizer in Chicago

Being an organizer in Chicago can lead to great success, as President Obama has shown. Pooja Gugnani, MPA ’03, is also seeking success by using her organizational skills to help people avoid clutter in their lives and businesses. “I founded Organizing With You, Inc. in 2009 after working for seven years in a marketing and communications role in a non-profit in Michigan,” says Gugnani, who notes there are now about 4,000 professional organizers on the country. “It is growing fast. People want to avoid clutter and I can help them.” Pooja has been featured in Crain’s Chicago Business and a number of blogs. She notes that Oprah helped promote the field when she featured a professional organizer on her television show. “Many people make space for things they buy,” notes Pooja. “But I tell them, sometimes make space by giving something away.” A native of India, Pooja and her family moved to the U.S. when she was 17. After graduating from the University of Pittsburgh, she attended MSU. “I loved it,” she recalls. “MSU changed me completely. The school spirit was phenomenal. I fell in love with the campus and also with the warmth of the people.” She now helps the MSU alumni club in Chicago organize their annual gala event, the Sparty Ball. She donates her services to the event’s silent auction. She says her clients include both people and businesses. Many of her clients, referred to her by Chicago doctors, suffer from ADHD, anxiety, depression or multiple sclerosis. “This is a very rewarding aspect of my job,” says Pooja. “You are not just making people feel better, but you are actually contributing to their well-being. Being organized is actually a part of your overall health.”

Margaret Alexander: Paperworks Studio

One corporate buzzword these days is “creating shared value,” which means to make money while doing good. That is certainly the mantra of Margaret Alexander, ’79, director of Traverse City’s Paperworks Studio, a nonprofit that hires people with special needs and disabilities to produce unique, handmade cards from recycled materials. Alexander had spent a couple of decades in sales management for various industries, when she saw this opportunity in 2009. Goodwill Industries of Northern Michigan had just acquired Paperworks Studio and wanted to expand it. “I didn’t know anything about it, but once I did, I was hooked,” says Margaret. “This is not just a job. You’re affecting more than just a board of directors or a bonus check.” Margaret says she was inspired by her mother, who at age 50 went to law school to become a public defender. “She wanted to make a difference,” recalls Margaret. “That played into my decision.” Since she took charge, Paperworks Studio has launched a second production facility, doubled their sales, and anticipate sales tripling in the next year. Fortune 500 companies like Lee Jeans, Yoplait and Baird, along with many other businesses, have stepped up to help support the company. “We have 150 paper artists who make our products,” says Margaret. “We are looking to expand through social media like Facebook, LinkedIn and YouTube. Our story has gone viral, and we’re getting contacts from national organizations”—such as Lee Jeans, and Lake Leenalau’s baabazuzu, which supplies wool clothing to 900 retailers around the country. Both are donating scraps to be turned into cards—“cardigan cards, which are very soft and lumpy,” says Margaret. The studio has launched a series of “Mo On the Go” videos throughout social media which is gaining national publicity. Says Margaret, “The idea of extraordinary cards made by extraordinary people is catching on.”
NJEMA FRAZIER: MODERNIZING NATIONAL DEFENSE

The National Defense University in Washington, DC is currently developing a curriculum for issues related to nuclear weapons—such as stockpiling, maintenance and proliferation, as well as counter-terrorism. The key person to this effort is **Njema Frazier**, PhD ’97, a nuclear physicist from the U.S. Dept. of Energy’s National Nuclear Security Administration (NNSA), who is currently on assignment at the National Defense University.

“We also want to develop something involving energy security, ranging across the entire spectrum from fossil fuels to things like solar and wind power,” says Njema. “We want to look at the whole energy infrastructure.” Njema comes to the task with plenty of experience. For most of her career, Njema worked for the Dept. of Defense stewarding nuclear weapons. From 2001-08 she managed the development of codes for weapons simulations—“creating computer models to test the hypothetical safety, performance and reliability of aging warheads.” A native of San Francisco, Njema got her undergraduate degree at Carnegie-Mellon before entering MSU’s doctoral program. “MSU was good, a positive experience,” says Njema. “Of course, my experience was as a graduate student, so I didn’t do much other than handling the student work load.” She mentions Alex Brown, Dan Stump and Wolfgang Bauer as professors who influenced her. “I do a lot of outreach with the Society of Black Engineers,” she notes. “I am inspired by people who work tirelessly for others with no recognition and no expectation of compensation beyond their altruism.” Njema credits her success partly to the Summer Bridge program for gifted students, a six-week summer program before eighth grade which allowed her to learn advanced concepts like algebra and geometry. “I discovered that math was something I understood,” she recalls. The program allowed her access to University High School in Pacific Heights, a private high school that offered advanced programs that would challenge her to the maximum.

ANTHONY YOUN: LEAVING THEM IN STITCHES

Medicine is serious business, but there is also a humorous side to it. Rarely has a doctor captured that mirthfulness, but **Anthony Youn**, MD ’98, a Troy plastic surgeon, presents it with éclat in his hilarious memoir, aptly titled *In Stitches* (Simon & Schuster, 2011). “I
wanted to write an honest book about what it’s like to become a doctor,” says Youn, who has risen in the celebrity index with frequent TV appearances, columns and blogs—including a new commentary for CNN.com that has raised eyebrows in the medical community. His humor and candor have invited some clever commentary. For example, TV Chef Rachael Ray, on whose show he is regularly featured, calls him “a cut above the rest.” His book, which will be available as a paperback in February, was described by one reviewer as a “fast-paced, mesmerizing autobiography that’s laced with dark humor and memorable scenes, including his discovery that a woman he’s dating works as a carnival fire-eater.” Born in Michigan to Korean parents, Tony grew up in Greenville as one of only two Asians in school. At one point, his jaw became so enlarged it required surgery to correct. As Tony recounts, he was teased for being different. Some kids called him “Jawzilla.” He then went to Kalamazoo College for four years, where, he recounts in his memoir, his attempts to get a date were futile. It wasn’t until he came to MSU that Tony earned a second lease on life. “MSU was where I found myself,” says Tony. “I found my calling in medicine and in plastic surgery, and I found the love of my life, my wife Amy (’99). I came as an awkward kid with low self-esteem and left as a man . . . with an M.D. after my name.” Later this fall, Tony will deliver the Andrew Hunt Endowed Lecture to MSU medical students. Just this year, his younger sister Lisa graduated from MSU. Says Tony, “MSU has been great to me and my family.”

**PHILIP HILLARY: ZOO MANAGER**

As a child he played with tarantulas, lizards, a ball python and an African pygmy hedgehog, among other animals. So it was no surprise when he enrolled in MSU’s Lyman Briggs College, that he majored in zoology. Today, his lifelong love for animals has reached its zenith—Philip Hillary, ’01, works as a manager of zoo operations at Busch Gardens, Tampa, FL, where he manages the zoo’s collection of ectotherms (reptiles, fish, birds and insects) and macropods (kangaroos, wallabies and wallaroos). “Yes, I’m definitely living a dream,” says Hillary. “I used to keep a mini-zoo at home, and now I’m getting paid to do this.” A native of Fremont, Phil grew up with “a family that was very outdoorsy” and was attracted to exotic animals. He was an Eagle Scout. “In high school, I got into breeding pheasants and partridges, so my interest gravitated towards ornithology,” he says. He continued that interest at MSU’s Lyman Briggs College, where he was also active in student affairs and a member of MSU’s diving team. “We (Busch Gardens zoo) cover 300 acres, of which approximately 65 are the Serengeti Plain devoted to African birds like storks and Egyptian geese,” says Phil. “Under my care are 1,400 animals representing nearly 200 species.” Adds Phil, “A big part of our job is educating people. Our hope is to get people excited about animals and conservation and to make a personal connection. You don’t care about something that you don’t know about.” As an example, Phil cites the Micronesian Kingfisher, a bird that has become extinct on Guam after the introduction of brown tree snakes onto the island. “Once people learn about it, and they care about it, they can make a contribution to one of our funds dedicated to preserving the species,” explains Phil.
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University Services
Number of “The Spartan” statues on campus. The original ceramic statue by Leonard Jungwirth stands in the lobby of the football tower, while the bronze replica unveiled in 2005 stands on the original site between Demonstration Hall and IM Circle.

Number of years that John A. Hannah (1941-1969) served as MSU president, an eventful period when enrollment grew from about 6,000 to nearly 40,000. It also marks MSU’s longest winning streak in football, achieved by Biggie Munn from 1950-53.

The MSU Alumni Magazine often receives queries about specific numbers—how many acres does the MSU campus have? How many students are currently enrolled? How many alumni reside in Wyoming? And so on. Here we present some numbers that answer the most common questions, as well as other numbers that answer questions few—perhaps none—have asked. In short, we present “MSU by the numbers.”

5,239
Acres in MSU’s East Lansing campus. MSU also owns more than 20,000 acres at 37 locations in 24 counties.

461,500
Number of MSU alumni worldwide (and growing).

20,000
Bicycle parking spaces on campus. MSU boasts 12 miles of bicycle paths.

3
Number of medical colleges at MSU—the only university in the country with three medical schools (Human Medicine, Osteopathic Medicine and Veterinary Medicine).

16
Rhodes Scholars from MSU. (In addition, MSU boasts 16 Churchill Scholars, 30 Goldwater Scholars—including 2011 winner Amy Pochodylo, 16 Truman Scholars, 14 Marshall Scholars, nine Udall scholars, six Hollings Scholars, three Gates-Cambridge Scholars and one Mitchell Scholar.)
Members of the Spartan Marching Band (same as the number of Spartans who fought alongside King Leonidas at Thermopylae in 480 BC). The SMB was founded in 1870 with 10 students, all veterans of the Civil War.

300

Miles of superconducting wire wrapped around MSU’s two cyclotrons, the K500 and the K1200—just enough to reach Ann Arbor.

15

Dollars in tuition for one term at MSU in 1920. (In addition, a one-time $5 fee covered admission to all home athletic contests, lectures, debates, etc.)

13

Number of MSU graduate programs that are ranked in the top ten nationally.

58

Applications for admission to MSU in 2011, a record. Jim Cotter, director of admissions, anticipates an eventual enrollment of between 7,600 and 7,800.

5,000

Different plants in MSU’s Beal Botanical Garden, established in 1873 by botanist William James Beal. It remains the oldest continuously-operated botanical garden of its kind in the U.S.

17

Degree-granting colleges at MSU.

$9,000

The annual salary of President Shaw in 1937.

10


28,420

Applications for admission to MSU in 2011, a record. Jim Cotter, director of admissions, anticipates an eventual enrollment of between 7,600 and 7,800.

553

Buildings on campus with recycling collection.
Number of gifts to MSU of $1 million or more during The Campaign for MSU (1999-2007), which raised $680.5 million. In the 50 years prior to the campaign, MSU received 118 gifts that were in the seven figures.

35.11 MILLION

Television viewers who watched MSU beat Indiana State for the NCAA championship in 1979. The game’s TV rating of 24.1 is the highest for any basketball telecast, college or NBA.

207

Frequency of MSU’s student radio station, WDBM-FM, honored as college radio station of the year by the Michigan Association of Broadcasters and Broadcast Music Inc. for more than a decade.

89.1

Number of weddings that took place this past year in the MSU Alumni Chapel.

106


539

Number of Spartans who have won the Pulitzer Prize.
### 3
National championships in the Universal Cheer Association’s mascot competition won by Sparty, seen here with actor Gerard Butler (King Leonidas in *300*) in 2010.

### 6
NCAA Final Four appearances by Tom Izzo, who in 15 seasons has earned one national championship, six Big Ten titles, four National Coach of the Year awards and 13 straight NCAA appearances (best in the Big Ten). He has achieved all this while maintaining a graduation rate of 84 percent. Twelve of his players have been drafted by the NBA (six in the first round).

### 0.1
Seconds left on the Spartan Stadium clock in 2001 when Jeff Smoker threw a touchdown pass to T.J. Duckett to edge the University of Michigan 26-24.

### 9.4
Teslas—the rating for MSU’s Low Energy Beam and Ion Trap magnet, a device that can help slow down rare isotopes for more precise study. LEBIT is 150,000 times stronger than the Earth’s magnetic field.

### 32
Ice cream flavors offered at the MSU Dairy Store. Favorites include Sesquicentennial Swirl, Blueberry Pie and Buckeye Blitz.

### 246,956
Total number who saw the Broadway musical, *The Phantom of the Opera*, at MSU’s Wharton Center for Performing Arts during national tour appearances in 1996, 2003 and 2010. The total box office was $13,734,940.

### 17
Number of consecutive years that MSU’s College of Education has been ranked No. 1 in the nation for elementary and secondary education by the *U.S. News & World Report*’s annual edition of *America’s Best Graduate Schools*.

### 99
Margin of victory in basketball over Alma in 1902. The 102-3 win remains MSU’s most lopsided hoops win.

### 530,000
Pounds of material recycled in MSU’s first-ever “Recyclemania” competition in 2011, which ranked No. 3 in the Big Ten and No. 18 nationally among large universities.

### 49
Number of bells in the Beaumont Tower carillon. The largest bell weighs two and one-half tons and the smallest bell about 15 pounds.

### 13
Gold medals won by Spartan athletes in Olympic competition. Spartans also won 12 silver medals and five bronze medals.
150

Pounds of pasta served daily in MSU’s Brody Square. They come in 13 different shapes and sizes, in flavors ranging from black pepper and broccoli to chocolate.

290,762

Number of bagels made by the MSU Bakery in 2009-10. (Yes, someone kept a count.)

5,700,000

Volumes held in MSU Libraries. In addition, MSU has 592,024 electronic books, 79,026 serial subscriptions, 234,728 maps, 7,920 films and 70,425 audio files.

2,619,939

Phone call attempts made to alumni and friends this past fiscal year by the 200 students in MSU Greenline. Last year the Spartan phonathoners raised $4,883,455 from 66,363 donors.

24,000

Cases seen annually at MSU’s Veterinary Teaching Hospital.

Scan this QR Code to access the MSU by the Numbers video.
130,949
Cubic feet of concrete in MSU’s new Eli and Edythe Broad Art Museum, along with 733.54 cubic feet of steel framing and 12,600 square feet of wood flooring.

3
Dogs that have performed in Spartan Stadium as Zeke the Wonder Dog.

415
Traffic violations on campus in 1943.

16,114
Students who registered last year for service-learning and civic engagement opportunities—a statistic lauded by *U.S. News and World Report* and by the President’s Higher Education Community Service Honor Roll.

58,500
Plastic bottles recycled to make fabric for the caps and gowns MSU graduates wore in May 2010.

630
Registered student organizations.
130
Countries represented in MSU’s student population.

1,500
Number of MSU faculty members involved in international research, teaching and service projects.

2,610
MSU students who studied abroad in 2008-09. With more than 260 programs in 60 countries on all continents, MSU is the leading public university in study abroad participation from any single campus in the U.S. for the sixth year in a row.

1982
Year the current MSU Alumni Association was founded. The previous association, established in 1967, achieved “independent” status in 1979 but was disbanded two years later by the MSU Board of Trustees. MSU alumni were first organized as the Society of Alumni of Michigan Agricultural College in 1868.

3
Number of Spartans who have received the Congressional Medal of Honor.

98
Miles of walking paths on campus.

80,011
Official attendance of the 1966 “Game of the Century” between MSU and Notre Dame at Spartan Stadium—or 111 percent of capacity.

39
MSU’s national rank, according to Kiplinger’s 2011 Best Values in Public Colleges.
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“My design principle has always been to take a challenge that you have to overcome and turn that challenge into a benefit.”

So explains Norbert Müller, associate professor of mechanical engineering at Michigan State University, as he describes his path toward developing a new engine design that could revolutionize auto fuel efficiency.

His concept for a wave disk engine, using shock wave compression together with internal combustion and turbine propulsion, has recently caught the interest of a broad range of scientific publications and blogs. It also caught the interest of U.S. Secretary of Energy Steven Chu during a VIP tour of the 2011 ARPA-E Energy Innovation Summit at which Müller had been invited to showcase his work.

AN OLD IDEA, REVISITED

Early in his career Müller considered the potential for wave energy in turbomachinery. While developing his doctoral thesis he toyed with the concept of using shock waves to build a compressor. He put that idea on hold, after a professor advised him that such a compressor could not work using only shock waves.

“He was an excellent old-school turbomachinery person,” Müller explains. “By trade, I’m also a turbomachinery person. Turbomachinery people typically don’t like shock waves—as they mostly cause problems.”

Problems, Müller later decided, were just opportunities in work clothes.

After completing his PhD in mechanical engineering in 1999 at Technische Universität in Dresden, Germany (where he also earned BS and MS degrees), conducting post-doctorate work and establishing the teaching of turbomachinery at Columbia University, Müller joined the MSU College of Engineering faculty in 2001.

He took a second look at shock waves when his first graduate student, Pejman Akbari, reintroduced him to the concept of wave machines. Müller was excited to initiate research using principles of unsteady waves. Fully supported by Müller, Akbari’s doctoral work focused on a preliminary design for wave rotors to improve the performance of a variety of engines and machinery using new thermodynamic cycles. A wave rotor using compression and expansion waves to exchange energy between fluids with different pressures held promise for improving efficiency compared to existing internal combustion and turbine engines.

Müller began considering the potential for shock waves as a means to overcome general limitations in turbomachinery and to achieve very fast localized compression. Fast shock compression can result in greater energy efficiency than that typically utilized in various machines such as aircraft engines, power plant turbines or piston engines, such as those used in automobiles, lawn mowers and chain saws. Müller’s lab began working with pressure-exchange wave rotors capable of enhancing the power of a broad array of turbomachinery.
In the ensuing years, many graduate students have worked with Müller, both learning from and contributing to the design process. Müller recognizes the importance of his students to the work of his lab and encourages their contributions.

Current doctoral student Pablo-Francisco Parraga was drawn to work with Müller through his interest in green energy and engine mechanics.

“I was used to working with fewer resources,” Parraga notes. “Dr. Müller makes sure that everything is there to help you do your job properly. He allows me do what I feel necessary for my research, encouraging independent thinking.”

Müller’s former graduate student Pejman Akbari (who later joined the faculty of Columbia University) continues to visit MSU and works on the device in support of the ongoing research. Müller is also quick to note the contributions of Janusz R. Piechna of the Warsaw University of Technology as the co-inventor of the wave disk engine. Piechna spends as much time working with the MSU lab as his time allows.

PISTONS, SUPERCHARGERS AND WAVE DISKS

In the past, wave rotors have been used in automobiles as pressure-wave superchargers for internal combustion (IC) engines. Such supercharged engines were available as early as the 1950s from auto companies such as Opel, Volkswagen and Mazda. The Mazda 626 diesel 2-litre engine continued to be available into the 1990s. By the turn of the century, however, turbochargers had become dirt cheap and wave rotor superchargers fell out of favor as fewer resources were invested in their development.

Müller conceived of a design that incorporated internal combustion (like that of a piston engine) with the extraction of energy as is done in turbomachinery where high-pressure, high-velocity gas turns the turbine blades.

In Müller’s view, IC engines and gas turbine engines each have their advantages and limitations. The confined combustion of the IC engine is more efficient than the steady state, theoretically constant-pressure combustion turbine engine. In the turbine, the combustor remains open to both intake and exhaust, so the flow goes through continuously and there is actually a pressure loss in the combustor.

The IC engine is a pressure gain combustor, providing higher efficiency for the cycle. However, the IC engine is limited by the piston traveling length and the work cycle is truncated. That means not all of the work available from the burnt hot gases is utilized in the engine as the gasses are not completely expanded. In fact, a car equipped with an IC engine typically uses only 15 percent of its fuel for propulsion. The gas turbine allows for complete expansion, but does not achieve a pressure gain in the combustor.

“We combine both the confined combustion of the internal combustion Otto Cycle engine with the complete expansion of the Brayton Cycle in a turbomachinery engine,” Müller explains. “To that, we added shock waves for internal energy transferral. The result is this so-called Humphrey Cycle, where we have the combination of confined combustion and complete expansion—which leads us to higher efficiencies from the get-go.”

The resulting wave disk engine can be a more efficient engine. When used in a serial electric hybrid car with regenerative braking, there is a potential that 60 percent of the fuel would actually be used for propulsion. With only one moving part, it would also be much smaller and lighter than currently available engines.

The wave disk engine has a rotor with curved channels that house a mixture of air and fuel as the rotor spins. The mixture can enter through central inlets; as the rotor spins, it blocks their exit through an outlet port. The sudden buildup of pressure produced by closing the exit end causes a shock wave to form, compressing the mixture. It is then ignited, the rotor continues spinning, and the hot gases leave at high speed through the outlet port; then the process repeats. The exhaust gas pushes against the curved channels, keeping the rotor spinning and producing torque.

In application, this engine wouldn’t directly power the wheels of an automobile; instead it would drive an electric generator, which in turn charges the battery in a hybrid car or other device.

THE WAVE DISK ADVANTAGE

As Müller sees it, there is much to like about this engine design: “The wave disk engine has a very simple geometry, it’s easy to manufacture, lower cost and lighter weight, and on top of this it actually has the potential of higher efficiency.”

The wave disk design eliminates many of the components of a conventional IC engine; there are no valves, pistons or crankshaft. The engine also requires no cooling system, transmission or fluids, meaning that maintenance costs are greatly reduced. The engine is about the size of a large cooking pot. With fewer parts, the wave disk engine would be much less expensive to produce than a traditional internal combustion engine, and it could be made to run on a variety of fuels.

Fuel economy comes from both the improved efficiency of the engine and the reduced weight of the automobile. Müller’s team estimated that a car fitted with the wave disk engine could be up to 20 percent lighter overall. Environmental advantages would be available both from the reduced fuel consumption and up to a 90 percent reduction in emissions in comparison to typical internal combustion engines currently on the road.

FEDERAL FUNDING AND A LARGER STAGE

The shockwave concept has gotten attention from the U.S. Department of Energy (DOE). In 2009, Müller’s team received a $2.5 million federal stimulus grant to build a prototype wave disk engine. It was among 37 energy research projects chosen in the first round of Advanced Research Projects Agency-Energy (ARPA-E) funding by the DOE.

More than 3,600 initial concept papers had been submitted to the DOE’s rigorous review process, which included input from multiple review panels composed of leading U.S. energy science and technology
Dr. Mueller and a graduate student work on a prototype engine in the College of Engineering’s turbomachinery laboratory.
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Gohagan & Co.
Highlights:
Buenos Aires · Drake Passage · Half Moon Island · Deception Island · Paradise Bay · Neko Harbor · Port Lockroy · Wiencke Island · Petermann Island

SPLENDORS DOWN UNDER ~ AUSTRALIA & NEW ZEALAND
February 19 – March 8
From: $4,999 pp, including airfare from select cities
Program Type: Cruise
AHI International
Highlights:
Sydney · Melbourne · Hobart · Tasmania · Dunedin · Christchurch · Wellington · Napier · Tauranga · Auckland

CARIBBEAN PEARLS
March 7-19
From: $1,999 pp, including airfare from select cities
Program Type: Cruise
Gohagan & Co.
Highlights:
St. Thomas · St. Maarten · Curacao · $500 per person shipboard credit

THE GALAPAGOS ISLANDS featuring MSU Alumna Jessica Pociask
April 14-22
From: $5,490 pp + air
Program Type: Cruise
WANT Expeditions
Highlights:
Small group of 16 · Quito · Baltra/Bachas Beach · Genovesa Island · Bartolome/Sullivan Bay · Santiago Island · Daphne Island · Caleta Tortuga Negra · Charles Darwin Research Station · Santa Cruz Island · Floreana Island · Espanola Island · San Cristobal

*WATERWAYS OF HOLLAND & BELGIUM featuring the Floriade Expo and with MSU Professor Alan Prather
April 17-25
From: $2,795 pp + air
Program Type: Cruise
Gohagan & Co.
Highlights: Amsterdam · Volendam · Venlo · Florida Expo · Antwerp · Bruges · Willemstad · Kinderdijk · Aalsmeer · Keukenhof Gardens

LONDON ~ AN INSIDER’S PERSPECTIVE
April 18-24
From: $2,595 pp + air
Program Type: Land
AHI International
Highlights:
The Lansdowne Club · Windsor Castle · The BBC · Royal Academy of Dramatic Arts · Blenheim Palace · Cotswolds · Oxford

TAHITIAN JEWELS
April 22-May 4
From: $2,799 pp, including air from select cities
Program Type: Cruise
Go Next
Highlights:
Papeete · Moorea · Huahine · Raiatea · Bora Bora · Nuku Hiva · Hiva Oa · Rangiroa

*THE KENTUCKY DERBY
featuring MSU Professor Brian Nielsen
May 3-6
From: $2,179 pp + air
Program Type: Land
Premiere Global Sports
Highlights:
Saturday Admission to the Derby · Churchill Downs Reserved Seating · Horse Farm Tour · Bourbon Distillery Tour

HISTORIC REFLECTIONS ~ ATHENS TO BARCELONA
May 13-24
From: $3,549 pp, including air from select cities
Program Type: Cruise
Go Next
Highlights:
Athens · Santorini · Kusadasi · Sicily · Amalfi/Positano · Rome · Florence/Pisa · Marseille · Barcelona

ESSENTIAL EUROPE FOR NEW GRADUATES
May 13–31, extension May 31-June 5
From: $3,375 pp + air
Program Type: Land
AESU World Travel
Highlights:
England · France · Belgium · Holland · Germany · Switzerland · Liechtenstein · Austria · Italy · Vatican City · Greece Extension

WASHINGTON D.C. FAMILY TOUR
June 28-July 1
From: $1,069 pp + transportation, Child (17 and under) $579
Program Type: Land
Conlin Travel
Highlights:
Spy Museum · U.S. Capitol · Pentagon

*WOLVES, BEARS AND GEYSERS
featuring Michigan DNR Specialist Kevin Frailey
May 19-24
From: $2,195 pp + air
Program Type: Land
Environmental Adventure Company
Highlights:
Yellowstone National Park · Mammoth Hot Springs-Lamar Valley · Hayden Valley · Yellowstone Lake · Old Faithful

BEST OF THE CANADIAN ROCKIES
July 8-14
From: $3,640 pp + air
Program Type: Land
Tauck
Highlights:
Lake Louise · Jasper Park · Banff National Park · Icefields Parkway · Fairmont Hotels

BALTIC TREASURES ~ STOCKHOLM TO COPENHAGEN
July 11-22
From: $3,999 pp, including air from select cities
Program Type: Cruise
Go Next
Highlights:
Stockholm · Helsinki · St. Petersburg · Tallinn · Riga · Visby · Gdansk · Ronne · Berlin · Copenhagen

*SPECIAL OFFER* ICELAND
featuring MSU Professor David Hyndman
July 20-28
From: $3,995 pp + air
Program Type: Cruise
Gohagan & Co.
Highlights:
Reyjavik · Grundarfjordur · Grimsey Island · Akureyri · Isafjordur · Heimaey Island · Sursey Island · Thingvellir National Park · Gullfoss · Geysir

THE BLUE DANUBE ~ PRAGUE TO BUDAPEST
August 8-20
From: $4,290 pp + air
Program Type: Cruise & Land
Tauck
Highlights:
Prague · Regensburg · Passau · Linz · Wachau Valley · Durnstein · Vienna · Slovakia · Bratislava · Budapest

CRUISING ALASKA'S GLACIERS AND INSIDE PASSAGE
August 9-16
From: $4,384 pp including air from select cities
Program Type: Cruise
Gohagan & Co.
Highlights:
Vancouver · Ketchikan · Juneau · Skagway · Sitka · Seward · $250 Shipboard Credit

* Mentioned in MSU Alumni Magazine | 39
SCOTLAND ~ ALUMNI CAMPUS ABROAD  
August 22-30  
From: $2,795 pp + air  
Program Type: Land  
AHI International  
Highlights:  
Stirling · Trossachs National Park · Loch Lomond · Scone Palace · Famous Grouse · Edinburgh · Military Tattoo · Scottish Highlands · Loch Ness

ODYSSEY TO OXFORD  
August 25-September 8  
From: $4,995 pp + air  
Program Type: Land  
MSUAA Lifelong Education  
Highlights:  
Courses offered in British history, literature, science, art, archaeology, historic houses, castles, and gardens with specific field trips and group excursions throughout England.

NORMANDY AND PARIS ~ ALUMNI CAMPUS ABROAD  
August 29-September 7  
From: $2,995 pp + air  
Program Type: Land  
AHI International  
Highlights:  
Honfleur · Lisieux · Giverny · Rouen · Bayeux · Caen - Omaha Beach · Paris

TUSCANY CULINARY TOUR  
September 8-14  
From: $3,595 pp + air  
Program Type: Land  
LeChat Gourmet  
Highlights:  
Hands-on Cooking Classes · Tuscan Food & Wine · Vineyard Tour · Olive Mill Tour · Food Market Tour · Florence · Montepulciano · Cortona

*THE JEWELS OF MICHIGAN ~ STATE PARKS TOUR featuring Michigan DNR Specialist Kevin Frailey  
September 6-9  
From: $719 pp, including transportation from Lansing  
Program Type: Land  
Conlin Travel  
Highlights:  
Mackinac Island · Tahquamenon Falls · Great Lakes Shipwreck Museum · Hartwick Pines · Fort Michilimackinac · Petoskey · Oden Fish Hatchery

FOLIAGE  
October 7-19  
From: $3,999 pp, including air from select cities  
Program Type: Cruise  
Go Next  
Highlights:  
Montreal · Quebec City · Corner Brook · Charlottetown · Sydney · Halifax · Saint John · Bar Harbor · Rockland/Camden · Newport · New York

TUSCANY WITH FLORENCE ~ ALUMNI CAMPUS ABROAD  
October 10-18  
From: $2,795 pp + air  
Program Type: Land  
AHI International  
Highlights:  
Cortona · Assisi · Perugia · Montepulciano · Pienza · Siena · Florence

TREASURES OF PERU WITH MACHU PICCHU & LAKE TITICACA  
October 22-November 1  
From: $3,895 pp, including air from select cities  
Program Type: Land  
Highlights:  
Lima · Larco Herrera Museum · Cuzco · Sacred Valley · Ollantaytambo · Machu Picchu · Lake Titicaca · Taquile Island

SANDS OF AEGEAN  
October 31-November 8  
From: $1,999 pp, including air from select cities  
Program Type: Cruise  
Go Next  
Highlights:  
Istanbul · Dikili · Volos · Kusadasi · Rhodes · Crete · Athens

HOLIDAYS IN BAVARIA & AUSTRIA  
December 4-11  
From: $1,995 pp + air  
Program Type: Land  
Orbridge, Inc.  
Highlights:  
Munich · Salzburg · Vienna · Innsbruck · Christmas Markets

All dates, prices and itineraries are subject to change. Most prices listed are early booking prices and will change depending on the early booking deadlines. Call the MSUAA at (888) 697-2863 for early booking deadlines. Reservations are on a first come, first serve basis. Since the MSUAA partners with other universities, many tours fill quickly. It is essential that you make your deposit early to reserve space on the tour. Brochures are generally mailed printed and mailed eight to eleven months prior to trip departure.

*A minimum number of participants are needed to send the MSU host.

For more information on Spartan Pathways tours or to request a 2012 travel guide or travel brochures, visit www.alumni.msu.edu/travel or call (888) 697-2863.

*THE JEWELS OF MICHIGAN ~ STATE PARKS TOUR featuring Michigan DNR Specialist Kevin Frailey

*BEST OF TANZANIA featuring MSU Professor Barbara Lundrigan

CANADA & NEW ENGLAND FALL  
October 31-November 8  
From: $1,999 pp, including air

TUSCANY WITH FLORENCE ~ ALUMNI CAMPUS ABROAD  
October 10-18  
From: $2,795 pp + air  
Program Type: Land  
AHI International  
Highlights:  
Cortona · Assisi · Perugia · Montepulciano · Pienza · Siena · Florence

TREASURES OF PERU WITH MACHU PICCHU & LAKE TITICACA  
October 22-November 1  
From: $3,895 pp, including air from select cities  
Program Type: Land  
Highlights:  
Lima · Larco Herrera Museum · Cuzco · Sacred Valley · Ollantaytambo · Machu Picchu · Lake Titicaca · Taquile Island

AEGEAN MARVELS ~ ISTANBUL TO ATHENS  
October 31-November 8  
From: $1,999 pp, including air
Day or night, our MSU™ decals can adhere to any size flameless candle. Easy to apply and remove. Made from high quality and reliable static vinyl. Great for tailgating, lighting up your windows before a big game, or showing your school spirit for “Glow Green, Go White”!

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WHY CAN’T AMERICA COMPETE IN MATH AND SCIENCE?

A NEW MSU CENTER SEEKS TO FIND SOLUTIONS

MSU’s new Institute for Research on Mathematics and Science Education will directly address one of the most critical crises in American education today.

By Susan Pettit-Riley

A paradox in America is that while unemployment is high, millions of jobs go unfilled because of the lack of American workers with math and science skills.

Many see this as the result of a long-brewing crisis in math and science education and believe we need another national effort similar to our response to the perceived Soviet threat in the late 1950s, when the nation earmarked millions for improving science education.

As is often the case, Michigan State University stands ready to help spearhead a solution. The advent of a new institute could have a dramatic impact on the current crisis, both in understanding the causes and in finding solutions. It is an effort that puts MSU front and center in facing one of the most critical problems of our time.

In 2010, MSU launched the Institute for Research on Mathematics and Science Education (IRMSE) to address major challenges related to the teaching and learning of mathematics and science, from kindergarten through college level. These challenges have come increasingly in focus as methods of keeping comparative scores across nations have become highly developed—partly thanks to the work of MSU researcher William Schmidt, the institute’s interim director.

Beginning in September, Joseph Krajcik takes over as the new director of the institute and professor in the Department of Teacher Education. Schmidt, University Distinguished Professor of Statistics and Education, served as the interim director during the institute’s initial year.

The institute is a collaborative project between the colleges of Natural Science and Education, and is funded by the Provost’s office. Programs draw on the expertise of nationally recognized faculty and researchers in academic departments across
Scan this QR Code for additional information about the Institute for Research on Mathematics and Science Education.
Traditionally in the university setting there have been few opportunities for faculty and experts from different fields to collaborate around issues of STEM education (science, technology, engineering, and mathematics). The new institute will encourage interdisciplinary research teams to study educational issues from multiple perspectives.

“We have an education crisis in America regarding mathematics and science education,” says Bill Schmidt, interim director. “Our children are falling behind their peers from other countries. We need new thinking and new ways to address these problems.”

Institute programs will join mathematicians, biologists, chemists and other experts with educational researchers, who have a deep understanding of the schooling process and how to study it.

During the past year invited colloquia have been held in Washington, DC and Chicago to showcase the promise of the new institute. A recent meeting brought together experts in biology education, educational research, marketing and social science to discuss joint research agendas for the 21st century.

MSU is on the forefront of supporting ground-breaking research in mathematics and science education. Schmidt directed the landmark studies PROM/SE (Promoting Rigorous Outcomes in Mathematics and Science Education) and TIMSS (Third International Mathematics and Science Study), among numerous studies on teacher education. Backed by MSU’s College of Education, which consistently ranks first in the country for elementary and secondary education and MSU science resources such as the Facility for Rare Isotope Beams.
In 1957 when the Soviets launched the Sputnik satellite, a sense of panic and urgency swept over America. We had lost our competitive edge internationally and our defenses were vulnerable due to the scientific advances of another nation. The race to space and the Cold War had begun.

The Sputnik crisis defined the years that followed. A stunned American public squared its shoulders, faced the challenge and never looked back. America was determined to regain its technological lead and be the first country to land a man safely on the moon. The alignment of determination, vision and considerable resources led to great leaps in innovation and discovery in scientific research and education.

For the first time, many young people considered careers in STEM fields. In response, American educators and policy makers began an overhaul of the education system at all levels to meet the needs of the second half of the 20th century.

Years of economic growth followed. The large corporations, such as the automotive industry, rose to prominence, insuring plenty of high paying manufacturing jobs and economic security for workers.

Over time the U.S. economy shifted to one based on technology, science and innovation. No one in the early 1970s could have predicted a computer in nearly every American home today, cellular smart phones, or the internet’s impact on world commerce, communications and culture. In the path of such rapid advances in technology, the educational needs of the 20th century quickly became outdated.

**America’s 21st century Sputnik moment**

Today, the race to space is over but America faces another timely and vitally important crisis. The skills test in literacy and math. Business leaders who have their pick from a large pool of laid-off workers are worried they will not find enough skilled workers.

Manufacturing jobs often require the ability to operate complex computerized machinery or understand technical blueprints, requiring a higher math proficiency than was previously required of an assembly line worker.

While many of these unemployed workers have a high school diploma, they lack the needed skills to compete for these unfilled jobs. This is a tragic reflection on the American education system.

Initiatives like “Race to the Top” and the “Educate to Innovate” campaigns demonstrate the federal government’s commitment to making sure Americans get the science and technology skills they need to fill the jobs of the future.

Jobs in STEM fields are expected to grow about twice as fast as in other fields over the next decade, netting STEM field workers about 26 percent more than those in other fields, according to the U.S. Dept of Commerce.

“We must do better,” says Schmidt, who has been an outspoken national expert on the issue. “American students struggle to keep up, weighed down by an outdated educational system, teachers ill-prepared to teach rigorous courses and an unfocused curriculum. We need to ensure that all kids receive a quality education with instruction in higher level mathematics and science, and that their education prepares them for post-secondary education or a family-sustaining career.”

For everyone, regardless if they go to college or not, developing critical thinking skills gained through a STEM education is necessary to understanding the world around them, analyzing data they come into contact with every day such as understanding a mortgage or a financial statement, and other facets of adult life.

Studies have consistently found that U.S. students lag behind students in other countries in their mathematics and science knowledge; that levels of achievement are inadequate; and that there are widening achievement gaps between black and white students in affluent and poor schools.

The U.S. Dept. of Education’s Office of Civil Rights recently published a report that tracked minority students in 7,000 school districts and found that more than two million students in about 7,300 schools had no access to calculus classes and that 3,000 districts and found that more than two million students in about 7,300 schools had no access to calculus classes and that 3,000 schools serving nearly 500,000 high school students did not offer Algebra II. In those schools that did offer advanced classes, the students were often taught by inexperienced teachers.

Additionally the report found that relatively few minority students pursued higher-level courses. In one suburban Nashville, TN, district only 12 percent of black high school students took advanced placement classes com-
pared with 27 percent of white students.

Schmidt notes that disparities start even earlier in elementary and middle school. His research, detailed in an upcoming book titled *Inequality for All: Why America’s Schools are Failing our Children*, points to huge inequities in the mathematics taught in schools in high poverty, minority districts when compared to other districts.

“Our research shows that eighth grade is the pivotal year,” he says. “There, children of color and coming from high poverty homes receive about five weeks less instruction related to topics in algebra and geometry than do children in middle and upper class schools. What replaces that is five additional weeks of basic arithmetic. This puts these children at a disadvantage even before they reach high school. These inequalities are both economically stupid and unconscionable from a moral point of view.”

### Looking to the Future

Dynamic changes are beginning to happen, brightening the outlook for mathematics and science education. With the recent adoption of the Common Core State Standards in Mathematics by some 40 states, researchers now have a unique opportunity in time to study the changes occurring in the U.S. educational system and have a meaningful impact on its transformation.

Important research questions are emerging such as: How to support teachers as they teach these new and much more demanding topics, especially in the middle grades? Also, since textbooks do not align with the new standards, how can they best be used in light of the misalignment? Research into the needs of teachers and how principals can play an important leadership role in all of this are also important issues.

Successfully overhauling the U.S. education system will involve innovative thinking from those knowledgeable in mathematics, science, education, curriculum development, teacher training and policy working together. But, until recently there were few opportunities for interdisciplinary research and interaction to occur.

The answers to these pressing research questions demand two types of expertise—deep subject matter knowledge provided by mathematicians and knowledge related to issues of schooling including motivation, which demands the inclusion of mathematics educators, educational researchers and cognitive scientists. Work on the development of a parallel set of science education standards is just beginning and will be a complicated task for developers. In science these issues are made more complicated because, unlike mathematics, school science is not based on a single discipline, but many disciplines. An interdisciplinary approach to the crafting of science education standards will be crucial. An institute, like the one established here at Michigan State University, offers the potential for encouraging and supporting such research.

The Institute for Research on Mathematics and Science Education is located in Erickson Hall. For more information, visit irmse.msu.edu. Much of the funding for research in mathematics and science education has been provided by generous support from The Bill & Melinda Gates Foundation, The Boeing Company, The Carnegie Corporation of New York, the GE Foundation and the National Science Foundation.

Susan Pettit-Riley served for eight years as the director of Communications for the Promoting Rigorous Outcomes in Mathematics and Science Education (PROM/SE) project at MSU. She frequently writes about public policy and education issues.

### JOSEPH KRAJCIK IS NAMED DIRECTOR OF INSTITUTE

Joseph Krajcik has been named as director of the Institute for Research in Mathematics and Science Education, beginning on Sept. 1. He will also serve as professor in the Dept. of Teacher Education.

Krajcik was formerly a professor of science education and educational studies at the University of Michigan. He served as president of the National Association for Research in Science Teaching (NARST) and received NARST’s 2010 Award for Outstanding Contributions to Science Education. He is a fellow of the American Educational Research Association (AERA) and a distinguished professor at Ewha Woman’s University in Seoul, South Korea.

He has published extensively and has written curriculum materials for teachers and students, and has developed software and educational videos. His success in grantsmanship totals over $40,000,000 by securing more than 31 grants from an array of foundations (especially NSF). Many of these grants include collaborations within his university and across universities and school districts.
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EXCITEMENT BUILDS AROUND NEW SEASON

By Robert Bao

After last season’s “perfect storm” of six major surgeries and two player exits, Izzo looks forward to a bounceback with four newcomers adding to a core of veterans and resurgent players.

There is renewed excitement around Tom Izzo as he looks to the 2011-12 season, especially after the way expectations last season sank in a perfect storm of surgeries, injuries and player departures.

“I’m very excited,” says Izzo of his 16th season as MSU men’s basketball head coach. “We have a good mix of people—a group of veterans and youths, along with the resurgence of some players that I had expected to play better.

“There are a lot of unknowns, but I like what I know about the unknowns. Of course, you don’t know for sure until you get them in game situations.”

Izzo looks forward to seeing leadership from seniors Draymond Green and Delvon Roe, assisted by senior walk-on Austin Thornton. He sees sophomores Keith Appling and Adreian Payne continuing to excel; both showed moments of brilliance as rookies last year. He looks forward to seeing some of the five newcomers “give us immediate help”—most likely freshmen Branden Dawson, a McDonald’s All-American, and hopefully point guard Travis Trice. Brandon Wood, a transfer guard from Valparaiso, will likely help the team this year—he has proven he can score against topnotch competition, including 30 points...
against North Carolina, 28 against Purdue and 24 against MSU.

The resurgent players, says Izzo, are Roe and junior center Derrick Nix, two players who did not play as well as expected—“Roe because of his injuries, Nix because he swallowed an elephant.”

Of course, MSU will face another brutal schedule with early bi-coastal games against North Carolina and Duke—one on an aircraft carrier in San Diego, the other in New York. “Those games will be good measuring sticks early,” says Izzo. “They are incredible opportunities for us.”

Above all, Izzo expects this year’s team to have good chemistry. “We have enough parts, we just have to put them together,” he says. “I’m optimistic because we know the things that need to be corrected and how to correct them.”

The biggest factors last season were the six major surgeries on Kalin Lucas, Delvon Roe, Adreian Payne, Russell Byrd, Austin Thornton and Korie Lucious—setbacks that denied them an opportunity to develop team chemistry over the summer. Making matters worse, Chris Allen and Korie Lucious were dismissed from the team—something Izzo had not dealt with before as head coach.

“With all of that, and with one of the nation’s toughest schedules, we still had 19 wins and made the NCAA tournament,” says Izzo. “In our second game of the season, we led most of the game and were a couple of free throws from beating (eventual NCAA champion) UConn at the Maui Invitational. So you have to put things into perspective.”

This season’s team will revolve around Green, one of the most versatile players Izzo has ever coached. Green pulled off two triple doubles last season and is only the third Spartan to ever achieve this statistical feat. He also led MSU in rebounds and assists, a rare combination. Even more eyebrow-raising, Green actually participated in a couple of plays in the Green and White football game last spring. “We need Draymond to go from real good to great,” says Izzo. “He is a good leader, but now he needs to be a great leader. I think he’s very excited about the challenge.”

Roe was a consensus Top 10 player in high school, but a series of injuries beginning his senior high school season curtailed his explosiveness. He has focused on defense and rebounding. Last year, prior to his injury in a late game against Penn State, Roe showed flashes of brilliance with some quick, explosive moves to the basket. “This is probably about the healthiest he’s been since his junior year in high school,” notes Izzo.

Appling, Michigan’s Mr. Basketball in 2010, emerged as MSU’s best defensive player. “This is very unusual for a freshman,” notes Izzo, “It’s also unusual because Keith is known for his scoring.” Indeed, in 2009 Appling scored 49 points at the Breslin Center to lead Detroit Pershing to the state title.

Payne, a 6-10 center who was sidelined by shoulder surgery last summer, has been able to lift weights this summer. “I think he’s up to 232 pounds,” says Izzo. The extra bulk could help Payne surmount the physical play of Big Ten opponents and allow his talents to flourish.

Nix, Appling’s teammate at Detroit Pershing and Michigan’s 2009 Mr. Basketball, has plenty of bulk to make his presence felt in the low post. Indeed, he needs a little less heft to better jibe with MSU’s fast-breaking scheme. A big man with soft hands and nifty footwork, Nix can have a strong presence in the low post.

Redshirt freshmen Alex Gauna and Russell Byrd both are recovering from surgeries last season. Junior center Garrick Sherman has transferred to Notre Dame. Another newcomer is Brandon Kearney, a Steve Smith look-alike from Detroit. Returning as assistant coaches are Dwayne Stephens and Mike Garland.

New assistant coach Dane Fife replaces Mark Montgomery, who was named head coach at Northern Illinois University. Fife was head coach at Indiana University-Purdue University Fort Wayne and played college basketball under Bob Knight at Indiana University, reaching the Final Four in 2002.

WOMEN’S HOOPS TO DEFEND TITLE

Suzy Merchant looks to defend her Big Ten championship with plenty of talent, including a McDonald’s All-American center and Michigan’s Miss Basketball.

After winning the Big Ten championship last season, Suzy Merchant says her goal this season is to win another title. Although some key players—including Big Ten Player of the Year Kalisha Keane, point guard...
Brittney Thomas and forward Cetera Washington—have graduated, MSU returns plenty of talent.

“You don’t ever replace those players, who were unique in their own ways, and you can’t replicate that chemistry,” says Merchant, now entering her fifth season. “What we need to do is to define ourselves with a new identity.”

Merchant, who was selected as Big Ten Coach of the Year by both the coaches and the media, believes her team has plenty of size, athleticism and talent—but remains young.

“The last couple of seasons we’ve had veteran teams, but this year we will be young again,” she says. “That will be our main challenge. But I do like the group we have coming back. We have some size, with (6-7 center) Madison (Williams) being healthy, and we do have some power. We will be able to capitalize and be more of an inside-out team, as compared to an outside-in team.

Last season we had a lot of face-up 4s and 5s, and this year we have a lot of post-up 4s and 5s.”

Returning starters include senior forward Lykendra Johnson, a powerful defender who is opportunistic in the paint. “She’s one of the best offensive rebounders ever,” says Merchant. “It’s impossible to block her out.” Also returning is senior guard Taylor Alton, a 5-11 forward who can shoot lights out. “She’s a great shooter—she’s deadly,” says Merchant. “She has a high basketball IQ.”

Junior Courtney Schiffauer, who led the team in scoring as a freshman before suffering a knee injury, was slowed down in her comeback last season. “She is now completely healthy and very motivated,” notes Merchant.

Sophomores Annalise Pickrel and Klarissa Bell—last year’s Miss Basketball—are expected to step up and become major contributors. “We like to see Pickrel play at the 4,” says Merchant. “Bell has an opportunity to showcase her ability and athleticism.”

Auditioning to replace Thomas at point guard are senior Porsche Poole, who showed some excellent stretches last season, and junior Jasmine Thomas. A freshman might also enter the mix—Kiana Johnson from Chicago’s Whitney Young.

Many fans are anxious to see incoming freshman Jasmine Hines, Michigan’s Miss Basketball and Gatorade Player of the Year. A powerful athlete who is 6-3, Hines set the state’s all-time record in both scoring and rebounding and was named to Parade magazine’s All-America team.

Other incoming freshmen include Becca Mills and Akyah Taylor. “Becca is extremely talented and a bit under the radar,” says Merchant. “She will be an unbelievable player for us.” Taylor is more of a swing player in the mold of Cetera Washington, the team’s second-leading rebounder.

MSU will try to fast-break and otherwise play with an accelerated pace, to take advantage of the team’s athleticism. Merchant would like to see the defense creating more turnovers.

“I’m optimistic,” says Merchant. “Of course, I’ve been optimistic every year. With our size, talent and athleticism, we’ll be competitive in the Big Ten. Our goal is to win the championship.”

Joining Merchant on the bench are Associate Head Coach Shane Clipfell, and assistant coaches Tempie Brown and McKell Copeland.

BIG TEN TRACK AND FIELD TITLES—MSU sophomore Beth Rohl, the Big Ten champion in the hammer throw and the discus throw, in May became the first Spartan named both Big Ten Field Athlete of the Year and Big Ten Field Athlete of the Championships. Three teammates also won Big Ten championships. Junior Becca Buchholtz posted a school-record height of 1.82 meters to win the women’s high jump crown. Senior Emily MacLeod won the 5,000 meters, adding to her previous Big Ten crowns in cross country and in the 3,000- and 5,000 meters indoors. Sophomore Lonnie Pugh won the men’s discus throw with a toss of 53.81 meters.

MAGIC JOHNSON AND DAN GILBERT TO HELP DETROIT—Magic Johnson announced in July that he’s investing in Detroit Venture Partners (DVP), a high-tech venture capital fund founded in 2009 by fellow Spartan Dan Gilbert, CEO of Quicken Loans, and ePrize’s Josh Linkner. Johnson says this partnership makes good a promise he made to Detroit Mayor David Bing. “The only reason I’m a businessman is because of Bing Steel,” says Johnson. “He set the example.” Kinkner says DVP’s goal is to invest in 12-15 new ventures annually, offering each up to $3 million. “We’re on a mission to transform Detroit into a technology hub,” he says. “We hope to make a difference through entrepreneurial fire. We have an all-digital strategy. The types of things we’ll invest in are social media, mobile apps, cloud computing, internet and e-commerce.”
ICE HOCKEY SEASON—MSU ice hockey fans can look forward to a new coaching staff led by Tom Anastos and also to a rugged schedule that could include 13 games against teams in last season’s NCAA tournament field—including three of the Frozen Four teams (Michigan, Notre Dame and North Dakota). Eighteen home games will include teams from four of the five conferences. “This year’s schedule is extremely challenging and features a nice blend of traditional league rivalries along with two high profile tournaments in the Icebreaker and Great Lakes Invitational,” says Anastos. MSU will play Boston College in the Icebreaker Tournament (Oct. 7-8) at North Dakota—its first meeting since beating BC 3-1 in 2007 to win the NCAA title. Anastos has added former Spartan icers Kelly Miller as assistant coach and Mike Gilmore as goaltending coach, and retained Tom Newton as assistant coach and Adam Nightingale as director of hockey operations. Miller, who boasts 18 years in professional hockey as player and coach, will serve as a full-time assistant coach along with Newton, who begins his 22nd season with MSU.

NEW BRESLIN SCOREBOARD—Here is a sneak preview of the new scoreboard that will be at MSU’s Breslin Student Events Center. A new component for the fans will be a wraparound video screen between the upper and lower levels, which is visible in the background.
SOMETIMES THE BEST SEAT IN THE HOUSE IS LEFT SITTING IN THE PARKING LOT.

Welcome to a premium-engineered box suite. Why sit in general admission when you can have three rows of luxury seating for up to eight and front leather-appointed climate-controlled seats all season? Pair that with a 10-speaker Bose® sound system, and the Acadia Denali is sure to please the crowd—before they even enter the stadium.

WE ARE PROFESSIONAL GRADE.
MSUAA Life Members strengthen their MSU connections with an annual tax-deductible gift to the Spartan Society—a unique opportunity to support alumni programs and events, promote the university and improve the quality of student life.

We recognize these donors, whose generous gifts were received between July 1, 2010 and June 30, 2011.

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Clark N. and Marjorie O. Seidel
Jerry G. and Julia E. Spencer
Cheryl S. and Scott R. Woof
REGIONAL CLUBS

BAY COUNTY—Apr. 27: Nearly 200 area residents attended a charity event organized as an indoor street fair, complete with wine and beer tasting, a silent auction and hors d’oeuvres. Approximately $8,500 was raised for the club’s scholarship fund—a 40 percent increase over last year’s proceeds.

BERRIEN COUNTY—Jun. 14: About 700 area Spartans attended the 25th Annual Steak and Suds at Sportsman’s Park, Arden. Special guests included Scott Westerman, Sue Petrisin and Dave Brown from the MSUAA; Suzette Hittner and Tim Stedman from University Development and the Spartan Fund respectively; and Greg Ianni and Jim Pignataro from Athletics.

DALLAS-FORT WORTH, TX—May 9: About 85 area Spartans attended the Spartan Scramble at the Coyote Ridge CC, Carrollton, TX. More than $10,000 was raised for the club’s scholarship fund. Special guests included Flozell Adams, Terry Donnelly, Rick Gosselin, Jim Gooch, Tim Bograkos, Tim Stedman and Brenda Parolini. Hondo Carpenter broadcast his Spartan Nation radio program live from the event. Jun. 11: About 40 area Spartans attended a boat party on Lake Grapevine, Silver Lake Marina, Grapevine, TX.

DC SPARTANS—Apr. 30: About 15 area Spartans under the direction of Rob Brown teamed up to clean and do light maintenance at an area elementary school.

GREATER NEW YORK—May 13: President Greg Hauser (left) and Vice President Larry Alterman (right) present the Distinguished Service Award to Bob McGee during a wine tasting dinner at Ben Benson’s Steakhouse. About 72 area Spartans attended the dinner and auction, which raised more than $20,000 for scholarships and for MSU athletics. Special guests included MSU Associate Provost Doug Estry and Denise Maybank, interim vice president for student affairs and services.

JACKSON—Apr. 14: Tom Izzo was the special guest at MSU Alumni Club of Jackson’s 14th annual scholarship dinner held at the Country Club of Jackson. Nearly 200 area Spartans were in attendance, including Chuck Webb, former MSUAA executive director and vice president of University Development and current president of Spring Arbor University. The event raised more than $7,500 for the club’s endowed scholarship fund.

SAN ANTONIO, TX—May 14: More than two dozen area Spartans attended the club’s Putt-Putt tournament and the charter presentation to the new club by Claire Brender (left), MSUAA.
Assistant director for international clubs, seen here with (l to r) Joe Behl, Chris Mansfield, Charlotte Minar and Karen Keener-Baez.

SOUTHWEST FLORIDA—Jun. 15: Area Spartans represented MSU at a special night at Island Coast High School, Cape Coral.


CONSTITUENT ASSOCIATIONS

ENGINEERING—Mar. 27: (l to r) Janice and David Mysona, and Satish Udpa, MSU engineering dean, were among some 65 area Spartans attending an alumni reception at the Olympic Club, San Francisco, CA. May 7: About 120 alumni and friends attended the college’s awards banquet at Kellogg Center. Jun. 2: About 60 alumni and friends (see photo) attended the COEAA’s Gold Club Reunion for graduates from 50 years ago.

MUSIC—Jun. 2: Dean Jim Forger (left) and Linda Conradi, assistant director of development, met with a dozen alumni attending the MSUAA’s Alumni Reunion Days at the State Room in Kellogg Center.

NATURAL SCIENCE—Jun. 14: More than 90 alumni and friends attended the CNSAA annual awards ceremony at the Kellogg Center.

OSTEOPATHIC MEDICINE—Jan. 22: A record 200 alumni attended a reception...
in Bellaire, held in conjunction with the Michigan Association of Osteopathic Family Physicians Winter Update for Family Practice. May 12: More than 300 alumni and friends gathered at an alumni reception at the Hyatt Regency, Dearborn, during the Michigan Osteopathic Association’s annual convention.

SOCIAL SCIENCE—May 22: About 40 alumni and friends attended the CSSAA annual meeting at the Music Building. Participants heard “Outstanding Teacher” Toby Ten Eyck give a presentation and enjoyed a performance by a student pianist. Elections were held.

INTERNATIONAL ASSOCIATIONS

BEIJING, CHINA— Mar. 2: About 20 area Spartans, including president Gai King (center) gathered for dinner at the Shanghai Moon Restaurant, Beijing. Special MSU guests included Claire Brender and Rolf Dietrich.

GUANGZHOU, CHINA— Mar. 8: Raymond Cheung, member of the local alumni club, met with the MSU delegation of Claire Brender, Rolf Dietrich and Peter Briggs.

CHENGDU, CHINA— Mar. 6: Claire Brender (2nd from left), MSUAA assistant director, meets with local club members including Ziyu Patrick Liu, president of the local alumni club.

HONG KONG, CHINA— Mar. 9: About 10 area Spartans joined MSU’s Claire Brender and Rolf Dietrich for a dinner event at Lei Garden Wanchai, Hong Kong.

KOREA—Mar. 7: About 75 members of the MSU Alumni Association of Korea (MAAK) gathered for the annual meeting at Korea Press Center, Seoul. President Dae Bong Kwon gave a presentation. Nae Hung Yoo, chairperson of Korea Delta Air, and Doo Hee Lee, professor at Korea University, were recognized for their achievements and contributions.

SHANGHAI, CHINA— Mar. 4: About 20 area Spartans gathered at the Jade Garden Restaurant, Shanghai. The gathering was hosted by MSU’s Claire Brender and Rolf Dietrich.

SRI LANKA—Dec. 22: About 75 MSU alumni and friends gathered for a networking reunion at the Cat’s Eye ballroom at the Ceylon Continental Hotel, Colombo, Sri Lanka. The event included a buffet dinner along with many interactive activities such as MSU trivia games and drawings for MSU mementos. MSU guests included Frank Fear, Mark Maredia and Cholani Weebadde.

TOKYO, JAPAN—Jan. 15: About 30 area Spartans attended a Tokyo Apache basketball game and met with Mike Chappell, a member of MSU’s 2000 national championship basketball team. The event was organized by Naoki Takahashi.
SECCHIA COLLOQUIY—Alumnus Ambassador Peter Secchia (center) was featured as the keynote speaker at the University Club’s Luncheon Colloquy on June 21. Seen in the photo with him are (l to r) MSU Women’s Basketball Coach Suzy Merchant, MSU Softball Coach Jacquie Joseph, Colloquy Director Ron Karle and MSU Men’s Basketball Coach Tom Izzo.

GRANDPARENTS UNIVERSITY

Next year’s Grandparents University has been set for June 26-28. This is a great opportunity for grandparents to bond with grandchildren while taking a variety of courses on the MSU campus and sampling some great MSU highlights. To sign up for the mailing list, send your name, mailing address and e-mail address to gpu@msu.edu.

For more information, visit grandparents.msu.edu.

FREAKY DEAKY—Robert Cantrell (left), ’62, an executive producer of the upcoming movie Freaky Deaky, visits with director Charles Matthau on one of the movie’s set in a mansion in Oakland Township. The movie is based on a best-selling novel by iconic Michigan author Elmore Leonard. Investors Louis and George Eyde, both Spartans, were instrumental in getting this movie filmed in Michigan. Other Spartans involved in the movie’s production included 15 MSU students who served as interns.
When the 300-member Spartan Marching Band takes the field this fall ready to thrill 75,000 fans with a one-of-a-kind performance, their signature “all brass and sax” sound will have an electrifying new edge.

With a gift from band parents Edwin (Ed) and Wanda Eichler, the band recently purchased 62 custom-designed professional trumpets completing Band Director John Madden’s dream for a purity of sound the likes of which has never been heard in Spartan Stadium.

Always looking for ways to make a great band even greater, Madden has worked to move the ensemble from one where some students provided their own instruments, to one where each section plays on identical instruments owned by the band. Band alumni got behind the ambitious plan with gifts that outfitted the saxophone and trombone sections. Enhancing the new cleaner sound while enhancing a driving baseline, the tuba section not only picked up new instruments but also swelled to 24 in number. The costly sousaphones were eked from around the edges of the band’s budget, two or three at a time, with hopes that trumpets could gradually be provided in similar fashion. As the parents of three band alumni, (L to r) SMB Director John Madden and members of the Color Guard with Ed and Wanda Eichler.

with the youngest Peter (’06, Arts and Letters) still involved as a color guard director, the Eichlers were well aware of the goal and wanted to help.

“Music is as important as anything else in the university,” Ed said. “We are so pleased to be able to shift this into high gear.”

Wanda sums up their commitment by pointing out that music can always be counted on to lift people up.

The Eichlers didn’t forget the color guard. They provided an additional gift to boost the part of the band that gives it a visual style uniquely its own. In the off-season, the State of Art Winterguard competes in national tournaments, an essential component to maintaining and improving their performances year round. In recent years, the group took top honors in Division II and earned a spot in Division I, this year taking a seventh place in that higher category. The cash infusion from the Eichlers will allow the color guard to compete in more tournaments and expand programming to aid in recruiting promising high school students to attend MSU and be a part of the color guard.

Ed and Wanda reside in Tucson, AZ, and Pigeon where Ed serves as President and CEO of Agri-Valley Communications and Wanda runs a textile design business. For the Eichlers, music has always been a family affair. Wanda plays piano and has directed choirs. Ed played tuba and percussion. All three of their children—Will, Liesl and Peter—and Will’s wife Wendy Mata Eichler participated in the Spartan Marching Band while attending MSU. Ed recalls the thrill of taking part in MSU Band Days as a member of the Pigeon High School Marching Band. He was fond of telling his children “I performed with the Spartan Marching Band before your band director was born!”

In appreciation for their generosity, the band will spell out Eichler at one of the home football game performances this coming fall.

For more information on making a gift to the College of Music, including opportunities to have the Spartan Marching Band spell out your name at home football games along with other sponsorship opportunities, contact Assistant Director of Development Linda Conradi at (517) 353-9872; Conradi@msu.edu.

Scan this code with your smart phone to view a short video or go to givingto.msu.edu.
BUBBA SMITH: A GENERATIONAL ICON

By Robert Bao, Editor

Former MSU All-American Defensive End Charles Aaron “Bubba” Smith was more than a freakish football player, although he certainly was that—a 6-8, 285 behemoth who was athletic and fast enough to chase down running backs from behind.

To those of us who chanted “Kill, Bubba, Kill!” in Spartan Stadium, he came to symbolize a special era in MSU history. Bubba was bigger than life, the most prominent figure on a two-time national championship team. He attracted the spotlight at a time when MSU was establishing itself nationally—as the newest member of the Big Ten, as a former agricultural college then boasting the nation’s fastest cyclotron and a record number of National Merit Scholars, and as a dynamic place of Bubba-size growth under the leadership of John Hannah.

MSU might have had better players on the team, such as George “Mickey” Webster—a player so versatile Duffy Daugherty created the “roverback” position. Or perhaps fellow Texan Gene Washington, who also excelled in track. Or Charlie Thornhill, whose nickname “Mad Dog” may have inspired fear.

But no one attracted attention—or parking tickets—quite like Bubba. Not only did he drive a white Riviera with “Bubba” plates, he once parked his “Bubba-mobile” in President Hannah’s reserved space. He had a terrific, at times errant sense of humor, and that comedic flair certainly helped establish his Moses Hightower character in the Police Academy movie series. He was beloved by the Spartan nation. A sign I once saw in Spartan Stadium said it all: “Bubba for Pope.”

Bubba starred in the years just preceding the student unrest and social uprisings that characterized the end of the 1960s decade and beyond. But he clearly was socially conscious, given his eventual refusal to appear in a series of very popular beer ads. He also played a vital role in the desegregation of football in America.

Bubba hailed from Beaumont, Texas, but was not allowed to play for the University of Texas because of his race. At that time, many of the top black players in the south were recruited by Duffy Daugherty, whose dominant 1965 and 1966 teams had multiple African American starters. This success may have prompted teams like Texas and Alabama to desegregate.

Bubba was the first player chosen in the 1967 NFL draft, followed by three Spartan teammates in the next seven picks. (Interestingly, Bubba was also drafted that year by the NBA’s Baltimore Bullets in the 11th round—ahead of classmate and MSU basketball star Matt Aitch, who was drafted by the Detroit Pistons in the 13th round.) He won a Super Bowl with the Baltimore Colts and made two Pro Bowls. In 2006, MSU retired his No. 95. Next year, the Big Ten Defensive Lineman of the Year award will bear his name.

Over the years, I came to know Bubba. I’m very impressed with how smart, witty and personable he was. I was saddened on Aug. 3 to learn of his passing at his Los Angeles home. He was 66.

But Bubba Smith, an icon for his era, will be reunited with many friends and fans—including former teammates Charles Wedemeyer, Dick Kenney, Don Japinga, Tony Conti, and of course, Webster and Thornhill.
October 17-22, 2011

MSU HOMECOMING PARADE
Friday, October 21, 2011, 6:00 p.m.
Downtown East Lansing

"Glow Green, Go White" is this year’s Homecoming theme and features MSU’s new “Green Glow” Homecoming tradition. Show your Spartan Spirit at the MSU Homecoming by glowing green!

Featured entries in this year’s parade include MSU’s Grand Marshal Suzy Merchant, MSU Women’s Basketball “Big Ten Coach of the Year,” the MSU Spartan Marching Band, MSU Homecoming Court, Sparty, MSU Cheerleaders and Dance Team, Michigan high school bands and much more.

The parade will begin at the intersection of Abbot Road and Burcham Drive at the East Lansing Hannah Community Center, will travel south on Abbot Road, east on Grand River, south at Collingwood, south on Farm Lane and conclude at the corner of Farm and Shaw Lanes.

Other Great Homecoming Activities:

MSUAA Green & White pre-game event • MSUAA Grand Awards Ceremony
MSU vs. Wisconsin Football Game • College Tailgate Events
Great Student Events • And More!
Take part in Michigan State University’s newest Homecoming Tradition

Green Glow!

The MSU Homecoming Committee selected “Glow Green, Go White” as the 2011 Homecoming theme to kick off MSU’s new tradition. Show your Spartan Spirit all week by swapping your front porch, window or any other light that can “glow” with a green bulb to celebrate MSU’s Homecoming week.

Spread the word! Spartans outside of East Lansing can now take part in Homecoming whether you make it back to campus in the fall or not. Michigan State alumni will be able to identify other Spartans throughout the world. And, if anyone asks why you are doing it, feel proud to say you’re celebrating Homecoming at Michigan State University!

The 2011 Homecoming week is October 17-22.
Make sure to keep your “Green Glow” going during this time.

For more information about Homecoming 2011, please visit www.homecoming.msu.edu
“Thank you to the newest members of MSU’s giving societies listed here for your extraordinary support of Michigan State University. Your gifts further our land-grant mission to advance higher education built on cutting-edge research and engagement for the public good. Your recognition in MSU’s giving societies acknowledges and affirms your commitment to the unique, critical role that MSU plays in the world today. You are joining over 6,000 other donor society members who recognize that Michigan State University must lead Michigan, our nation, and the world in achieving a redefinition—a revitalization—of the covenant we continue to share with society.”

TEAM MSU THANKS YOU.
The following individuals and organizations have made a significant financial commitment to Michigan State University, qualifying them for lifetime recognition in one of the university’s ten donor societies.

Williams Society

Joseph R. Williams, the first president of “The Agricultural College of the State of Michigan,” displayed a dedication to the college’s success that began building the strong foundation for what is today Michigan State University.

Charles R. Fricke
Traverse City, Michigan

$5,000,000 or
$7,500,000 Planned Gift

Wharton Society

Clifton R. Wharton became MSU’s fourteenth president in 1970. His tenure was marked by successful efforts to maintain the quality of MSU’s academic programs, commitment to the education of the economically and educationally disadvantaged, and the integration of the School of Osteopathic Medicine with the other medical schools. The Wharton Center for Performing Arts, dedicated in 1982, was named in honor of Wharton and his wife Dolores, in recognition of their strong support for the project.

Americana Foundation
Dr. Paul and Susan Bloom
South Lyon, Michigan
Charles E. Schafer
Petoskey, Michigan

$2,500,000 or
$3,750,000 Planned Gift

Kedzie Society

Frank S. Kedzie, the eighth president of MSU, is considered a pioneer for private support to the university. The Kedzie Society is one of the university’s most prestigious donor recognition groups.

Frey Foundation
J. K. Billman, Jr., M.D.
Moline, Illinois

Geraldine LaTendresse Blackney
Chelsea, Michigan
Dr. Bruce J. and Linda W. Cohen
Weston, Florida
Dr. Jeana L. Dressel
Santa Barbara, California
Selma and Stanley Hollander
Okemos, Michigan
Eric O. Sherberneau
Chicago, Illinois

$1,000,000 or
$1,500,000 Planned Gift

$500,000 or
$1,000,000 Planned Gift

Shaw Society

President Robert S. Shaw served as the eleventh president of MSU, introducing new courses including Hotel Administration, Public Administration, Geology, Geography and Physical Education for women.

Val R. Berryman
Williamston, Michigan
Joe L. Byers
Lucy Bates-Byers
Lansing, Michigan
Mark and Sandy Ehlert
Crystal Lake, Illinois
Gary L. Gillette, D.V.M.
Galesburg, Michigan
Drs. Ruben and Kimberlee Mars
Vassar, Michigan
Ronald H. and Mary E. Simon
DeWitt, Michigan

Listing includes new society members from July 1, 2010 to June 30, 2011.
The Abbot Society was established to honor one of the first presidents of MSU, Theophilus Abbot, who led the university from 1862 to 1885. Abbot promoted growth, secured critical government appropriations and furthered MSU’s prestige as the nation’s first agricultural college.

Scott and Natalie Bernecker
Grand Rapids, Michigan

Drs. Roger and Esther Brown
Williamsburg, Michigan

Mr. and Mrs.
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Pete and Anne Eardley
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Clarkston, Michigan

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David J. and Noel Eve Closs
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David S. Durant
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Ed and Wanda Eichler
Pigeon, Michigan

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Carol and John Harris
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Timothy and Lori Hausebeck
Saginaw, Michigan

Drs. Randy and Jeanee Hicks
Grand Blanc, Michigan

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Okemos, Michigan

J. Robert Houston III
Eileen G. Houston
Lansing, Michigan

Angela Marie Hubbell
Chicago, Illinois

John C. and Louise S. Jadel
Evanson, Illinois

Frederick G. and Virginia A. Krauss
Roscommon, Michigan

Dr. Peter L. Lee
Hong Kong

Rolland F. and M. Jean Lorenz
Fountain Hills, Arizona

Michael C. Meyer
Fairport, New York

David and Jill Mittleman
East Lansing, Michigan

David and Nancy Hanafin Neal
Ann Arbor, Michigan

Scott Nowakowski
Deb Cleland
Grand Rapids, Michigan

Daniel and Anna Oginsky
Brighton, Michigan

James L. and Elaine M. Rauschert
Lansing, Michigan

Dave and Sharon Regan
East Lansing, Michigan

Max H. Schuitema
Muskkegon, Michigan

Mr. and Mrs.
Webb A. Smith
Lansing, Michigan

Sorkin Family
Santa Rosa, California

Jim and Pat Teets
Grand Rapids, Michigan

Norman R. and Jessie A. Thompson
London, Ontario

Jane N. Welch
Naples, Florida

Aaron and Bonnie Zeigler
Mattawan, Michigan
The Hannah Society honors the memory of President John A. Hannah, who served the university for 46 years, 28 of them as MSU’s twelfth president. He is revered by many and guided the university through its period of greatest physical and philosophical growth.

Patricia A. Abent Charlotte, Michigan
Wade and Margaret Abraham Grand Rapids, Michigan
Judith L. Anderson Davis, California
Stephen H. and Mary C. Anderson Reed City, Michigan
Joseph and Madeline Anthony East Lansing, Michigan
William R. Athens, Sr., D.O. Angie Athens Grosse Ile, Michigan
Drs. Charles H. and Donna M. Aurand Tucson, Arizona
John A. and Libby M. Belden Alpharetta, Georgia
Richard and Diane Blundy Grand Ledge, Michigan
Jeffrey Boromisa Laura Alberts-Boromisa Portage, Michigan
Betty L. Bowersox Ballwin, Missouri
Glen Brough April Clobes Bath, Michigan
John and Marie Canepa Grand Rapids, Michigan
Gus and Helen Coukoulis San Diego, California
James and Sara Daniel Farmington Hills, Michigan
Dr. Lisa DeStefano Mr. Keith Owen Lansing, Michigan
Drew and Ann Dettling Birmingham, Michigan
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Michigan State University
John A. Heffern, ’76, deputy chief of Mission at USNATO, Brussels, has been nominated by President Obama to be U.S. Ambassador to the Republic of Armenia. A veteran of the U.S. Foreign Service, Heffern has served as deputy chief of Mission of the U.S. Embassy in Indonesia. His overseas assignments have included Japan, Malaysia, Ivory Coast and Guangzhou, China. From 1994-1996, he was a Pearson Fellow on the Asia Sub-Committee for the House International Relations Committee. Before entering the Foreign Service, he was an assistant to Sen. John C. Danforth.

Tony Atwater, PhD ’83, former president of Indiana University of Pennsylvania and senior fellow at the American Association of State Colleges and Universities, has been chosen as president of Norfolk State University, VA. Atwater boasts more than 20 years of higher education administrative experience. At Indiana, he was credited with expanding the student body and advancing academic excellence. Atwater’s career also includes experience as a broadcast reporter and a college dean.

Barb Dawson, ’88, chief information officer for Two Men and a Truck International, Lansing, was named chief information officer for Edwards Brothers, Lillington, NC. Dawson has 20 years experience implementing technology solutions for a variety of government, nonprofit and for-profit organizations. Previously, Dawson was director of the Public Sector Practice at Dewpoint, a technology consulting firm in Lansing. Before joining Dewpoint, Dawson ran her own technology consulting firm.

Patricia S. (Patty) Trap, ’82, has been named deputy regional director for the National Park Service’s (NPS) Midwest Region, headquartered in Omaha, NE. Previously Trap was the superintendent of both Salem Maritime and Saugus Iron Works National Historic Sites in Massachusetts. Trap began her NPS career working seasonal positions as a volunteer, laborer and park ranger in the early 1980s at Grand Teton National Park, Mount Rainier National Park and Joshua Tree National Park.

Deborah Hebert, ’74, MA ’77, attorney for Collins, Einhorn, Farrell & Ulanoff, Southfield, has been promoted to partner. For more than 20 years, Hebert has served as lead counsel in hundreds of appeals at both the state and federal levels. Hebert assisted in forming the Insurance and Indemnity Law Section of the Michigan State Bar and currently serves as council member. Hebert was also the founding chair of the Appellate Practice Section of the Michigan State Bar and was later elected chair.

Hope Shovein, ’99, attorney, Brooks Kushman PC, Southfield, has been named to DBusiness magazine’s “Top Lawyers 2011” list. Shovein focuses on trademark enforcement and litigation, with a particular emphasis on dealing with the unauthorized use of trademarks on the Internet. Shovein is also active in trademark prosecution and proceedings before the Trademark Trial and Appeal Board, and has successfully represented clients in arbitration proceedings under ICANN’s (Internet Corporation for Assigned Names and Numbers) Uniform Domain Name Dispute Resolution Policy to recover infringing domain names.

Patrick VanTiflin, ’72, partner, Honigman Miller Schwartz and Cohn LLP, has been elected as the Region 7 (State of Michigan) Representative to the Board of Directors of the Notre Dame Law Association. VanTiflin concentrates his practice on providing state tax law representation to many Fortune 500 companies in Michigan and throughout the country. He has been recognized in The Best Lawyers in America from 2005 to 2011 and in Michigan Super Lawyers in 2006, 2007 and 2010.

Linda Baryames Southern, ’81, director of local media buying at Campbell Ewald, Los Angeles, CA, has received the Excellence in Advertising award from the Alliance for Women in Media at the 54th Annual Genii Awards. Baryames Southern has more than 20 years experience in advertising, including working on the client side with Fortune 500 companies. She currently oversees more than $70 million in the local media buying operation for Campbell Ewald and is responsible for negotiating high-profile television and radio schedules.

Linda Tegarden, ’75, associate professor of management in the Pamplin College of Business at Virginia Tech, has received the university’s 2011 Alumni Award for Outreach Excellence. A member of the Virginia Tech community since 1994, Tegarden’s research and teaching focuses on strategic management. Tegarden is a member of the Academy of Management and the Strategic Management Society.

Patrick Zaremba, ATCT, ’95, president of Zaremba and Company, Clarkston, has been recognized at the Detroit Home Awards. The landscape design firm received a total of five awards in the following categories: exterior use of stone/tile/concrete, interior/exterior lighting installation, playhouse/outdoor building, residential swimming pool/spa and deck/patio/porch. This is the third consecutive year that Zaremba and Company has been recognized at the Detroit Home Awards.

Amy McDowell, ’90, attorney, has been named a judge in Barry County’s Fifth Circuit Court.
McDowell spent five and a half years with the Barry County Prosecutor’s office before entering private practice in 2001. McDowell co-founded her current law firm, McPhilips and McDowell, in 2003. She obtained her law degree at Valparaiso University School of Law, IN.

Jonathan Borenstein, ’78, a partner in the real estate department of Honigman Miller Schwartz and Cohn LLP, Oakland County, has been named executive board vice president for the Apartment Association of Michigan. Borenstein is a member of the National Multi Housing Council and serves on the MSU School of Planning, Design and Construction Alumni Advisory Board. He also serves on Cranbrook Educational Community’s Board of Trustees and the School’s Board of Governors.

Peter Linsmeier, ’06, assistant project manager, Kraus-Anderson Construction Company, Madison, WI, has been promoted to project manager. Linsmeier has experience in the development and construction of medical facilities. His work also includes retail, healthcare and hospitality. He is currently managing the remodeling of several Cabela’s stores in South Dakota and Wisconsin. Linsmeier is a member of and certified by the American Institute of Contractors.

John Inhulsen, ’01, JD ’05, attorney, Foster Swift Collins & Smith, PC, Grand Rapids, has been appointed to the board of directors of the MSU Alumni Club of West Michigan.

Inhulsen is a member of the Commercial Litigation practice group, and represents clients in business litigation, real estate litigation, construction litigation, employment litigation and criminal defense matters. He also serves on the board of directors for the March of Dimes and Broadway Grand Rapids. Inhulsen is a Life Member of the MSUAA.

Janet Rogers, MA ’81, dean of the Columbus State University College Delaware Campus, OH, has been named vice president of Student Affairs. Rogers will oversee all student services at the college. Prior to joining Columbus State, Rogers was chair of the Division of Counseling, Career and Health Services at Ohio Wesleyan University. She has also served as coordinator of the Women’s Center at North Carolina State University.

Mark Neithercut, MA ’77, principal and founder of Neithercut Philanthropy Advisors LLC, Detroit, has been selected to serve on the Issues Advisory Committee for the National Center for Family Philanthropy. The National Center for Family Philanthropy is a nonprofit resource center dedicated exclusively to families who give and those that work with them. Neithercut previously worked with the National Center for Family Philanthropy on the implementation of the National Center’s Pursuit of Excellence assessment process.

Gary Remer, ’90, JD ’97, attorney, Maddin, Hauser, Wartell, Roth & Heller, PC, Southfield, has been selected by Chambers USA: America’s Leading Lawyers for Business 2011 for recognition. Remer was honored by being named to the Employee Benefits & Executive Compensation list. Remer’s expertise includes taxation, retirement plans, executive compensation and compliance with HIPPA and COBRA.

Evan Leibhan, ’04, attorney, Honigman Miller Schwartz and Cohn LLP, has been named to the Kadima Board of Directors. Kadima is a nonprofit, nonsectarian mental health agency that provides residential and support services for children and adults with mental illness in Oakland County. Leibhan focuses his practice on acquisitions, private equity, financing, securities and general corporate law. Leibhan was named by Michigan Super Lawyers as a “Rising Star” in 2010.

Robert “Bob” Gorski, ’94, has been named program manager for URS Corporation’s Michigan Rail/Transit Services Division for Michigan, Ohio, Indiana and Kentucky. Gorski’s background includes planning, design and construction experience related to rail and transit clients. Gorski is a member of the American Railway Engineering and Maintenance of Way Association-Committee 24 Education and Training, the American Public Transit Association and the American Society of Civil Engineers-National Transportation Policy Committee.

Kellie L. Howard-Goudy, ’01, attorney, has joined Collins, Einhorn, Farrell & Ulanoff, PC, Southfield. Howard-Goudy focuses her practice on professional liability claims, toxic tort and private security defense. She also holds specialties in defense litigation, including property insurance defense, contracts, premises liability and commercial litigation. Howard-Goudy is a member of the Wolverine Bar Association, Defense Research Institute, National Bar Association and Oakland County Bar Association.

ERRATA

E. Mary (Berglund) Hekhuis, ’51, of Thousand Oaks, CA, and O.H. Koeplin, ’59, of Dublin, OH, were incorrectly listed in our obituaries.

Kathryn Swarthout, ’56, who now lives in Scottsdale, AZ, spent five weeks with Glendon Swarthout in South America. She accompanied Glendon for three months in Mexico, but he stayed for six months. Of the six novellas the Swarthouts wrote together, only one—Whichaway—was a Western.
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- Nov. 11: MSU vs Iowa
- Nov. 26: MSU vs Northwestern

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Fred L. Chase, ’41, of Midland, Elizabeth A. Corbishley, ’41, of Lansing, May 8, age 93.
William L. Cummings, ’41, of Wichita, KS, Jul. 21, age 90.
George A. Giddings, ’41, of Peachtree City, GA, Oct. 14, age 91.
John J. Kortenber, ’41, of Fort Wayne, IN, Jan. 25, age 92.
Jean A. (Golden) Nykamp, ’41, of Essexville.
Harry R. Page, ’41, of Arlington, VA, Mar. 9, age 94.
Eldon C. Rosegart, ’41, of Waterford, Apr. 29, age 92.
James E. Blanchard, ’42, of Petoskey, Mar. 17, age 92.
Irma R. (Leino) Braunstein, ’42, of Minocqua, WI, Jan. 28, age 90.
Wyma D. Davis, ’42, of Venice, FL, May 19, age 90.
Robert E. Dunn, ’42, of Pinehurst, NC, Mar. 24, age 89.
Frederick A. Hipp, ’42, of Williamsville, NY, Sep. 25, age 91.
Clarence W. Loveland, ’42, of Highlands, NC, Nov. 25, age 89.
Martha J. (McCoy) Miller, ’42, of San Clemente, CA, Nov. 6, age 90.
Robert H. Shimp, ’42, of Meridian, ID, Nov. 24, age 90.
Denton L. Smith, ’42, of Fort Myers, FL, Feb. 5, age 90.
Henrik E. Stafseth, ’42, of Placida, FL, Mar. 18, age 91.
Carol M. (Knott) Taylor, ’42, of Battle Creek, Apr. 26, age 91.
Mary A. (Vidal) Audia, ’43, of Ridgefield, CT.
Walter R. Bammel, ’43, of Macon, Jun. 8, age 90.
Sheila (Natarre) Enos, ’43, of Tucson, AZ, Sep. 26, age 89.
Robert A. Ferle, ’43, of Lansing, Sep. 20, age 89.
Barbara J. (Carris) Hardy, ’43, of New Bern, NC, Jan. 9, age 87.
Grace L. (Miller) Hatb, ’43, of Oswosso, May 2, age 90.
Kenneth L. McLeod, ’43, of Tempe, AZ.
Margaret L. (White) Miller, ’43, of Boulder, CO, Nov. 20, age 89.
Wendell C. Morse, ’43, of South Bend, IN, Jun. 27, age 90.
Eino N. Sainio, ’43, of Newbury, Oct. 18, age 88.
Lee J. Dake, ’44, of Lake Oswego, OR, Apr. 17, age 89.
Elizabeth J. (Nacker) Derter, ’44, of Livonia, May 27, age 89.
Kenneth S. Gingrich, ’44, of Saint Charles.
Bruce F. Klotz, ’44, of Indianapolis, IN.
Gloria R. (Crawford) Steel, ’44, of Leland, Feb. 11, age 87.
Margaret (Truden) Welch, ’44, of Marquette, May 4, age 88.
Howard C. Workman, ’44, of Allegan, Feb. 15, age 87.
Patricia A. (Martin) Chase, ’45, of Surprise, AZ, May 9, age 87.
Walter J. Davies, ’45, of Bel Air, MD, Mar. 11, age 92.
Margaret E. (Hall) Dillingham, ’45, of Franklin, Jan. 27, age 88.
Catherine J. (Chapman) Johnson, ’45, of Sacramento, CA, May 26, age 87.
William G. S. Calder, ’46, of Carleton, Feb. 16, age 94.
Dorothy J. (Bailey) Crum, ’46, of Quincy, IL, Jan. 7, age 87.
Ruth B. (Hauflle) Harrisberger, ’46, Apr. 5, age 86.
Herbert D. Hoover, ’46, of Milford, Jul. 1, age 88.
Merlene Koutz, ’46, of Shepherd, Oct. 8.
Glenn B. Moore, ’46, of Detroit.
Dorothe B. (Ball) Sevin, ’46, of Clinton Township, Aug. 12, age 87.
Robert E. Byrne, ’47, of Paw Paw.
Joyce B. (Judd) Diaz, ’47, of White Lake, Mar. 1, age 85.
Marion A. (Williams) Eberhardt, ’47, of Angola, IN, Sep. 7, age 85.
Willis G. Fletcher, ’47, of Island Lake, IL, Aug. 12, age 87.
Marion T. Frawly, ’47, of Lexington, KY, Dec. 10, age 84.
Ruth M. Frost, ’47, of Lansing, Dec. 12, age 87.
Howard E. Gerlaugh, ’47, of Schenectady, NY, Jan. 14, age 86.
Ruth L. (Killmaster) Goddard, ’47, of Johnstown, PA, Apr. 1, age 88.
Richard G. Henderson, ’47, of Lapeer, Apr. 23, age 85.
Phyllis C. (Steel) Higbee, ’47, of Brooksville, FL, Aug. 22, age 85.
Paula C. (Cliffe) Holmes, ’47, of East Lansing, Mar. 16, age 85.
Albert R. Juterbock, ’47, of Traverse City, Dec. 31, age 86.
Bonnie J. (Mckay) Kleinau, ’47, of Howell, Feb. 8, age 82.
Jane L. (Michel) Lucas, ’47, of Ann Arbor, Jan. 20, age 85.
Patricia C. Marshall, ’47, of Onaway, Sep. 17, age 85.
Charlotte E. (Tobey) Mcdaniel, ’47, of Bay City.
Harold F. Nuechterlein, ’47, of Saint Paul, MN.
Thomas A. Riordan, ’47, of Bradenton, FL, Jul. 6, age 89.
Richard O. Speir, ’47, of Lilburn, GA, Jan. 24, age 90.
Wilma J. (Laned) Weaver, ’47, of Frederick, MD, Feb. 2, age 87.
Audrey M. (Davision) Bleivin, ’48, of Cadillac, Jan. 8, age 85.
John H. Brenner, ’48, of Lauderdale by the Sea, FL, Aug. 18, age 87.
George D. Elonka, ’48, of Vancouver, WA, Apr. 5, age 95.
Helen J. Gramley Allard, ’48, of Royal Oak, Feb. 5.
Marilyn M. Grigg, ’48, of Lansing, Apr. 19, age 84.
Rudolph Hugh, ’48, of Washington, DC, Apr. 5, age 88.
Ruth E. Klins, ’48, of Ontario, CA.
Helen (Miller) Klute, ’48, of Estes Park, CO, Jul. 9, age 88.
Ruth E. (Stein) Wolf, ’48, of Kansas City, Jan. 4, age 94.
John F. Riley, ’49, of Blissfield.
Robert E. Schultz, ’49, of Stevensville, Mar. 23, age 87.
James O. Treu, ’49, of Novi, Apr. 28, age 89.
Donald E. Welsh, ’49, of Churubusco, IN, Dec. 27, age 81.
C. W. Wikman, ’49, of Muskegon, Mar. 23, age 86.
John L. Withersup, ’49, of Ortonville, May 11, age 86.

George W. Anderson, ’50, of Lansing, Jun. 27, age 90.
Paul N. Anibad, ’50, of Durand, Apr. 12, age 86.
Richard Z. Bell, ’50, of Durango, CO, Apr. 6, age 89.
Lester G. Beltz, ’50, of Farmington, Feb. 26, age 82.
Harvey A. Bengelsdorf, ’50, of Fort Myers, FL, Mar. 30, age 82.
John R. Boulis, ’50, of Granger, IN, Aug. 3.
Lynn E. Chaudnou, ’50, of Flint, Apr. 19, age 86.
Lynn V. Conway, ’50, of Bay City, Jan. 4, age 82.
Gerald L. Cox, ’50, of Troy, Aug. 17, age 84.
Anthony B. Delahant, ’50, of Dearborn, Jul. 1, age 85.
Walter Dintaman, ’50, of Elkhart, IN, Nov. 10, age 81.
William F. Donovan, ’50, of Albuquerque, NM, Aug. 4, age 85.
Charles W. Duncan, ’50, of Sweetser, IN, Oct. 1, age 83.
Thomas M. Groth, ’50, of Lansing, May 3, age 82.
David E. Jordon, ’50, of Flint, Apr. 23, age 82.
Robert J. Keitchen, ’50, of Traverse City, Jan. 6, age 63.
Eduin W. Koons, ’50, of Traverse City, Feb. 23, age 84.
Carl W. Lintjer, ’50, of Hendersonville, NC, Mar. 20, age 84.
Rex A. Matzinger, ’50, of Traverse City, Feb. 11, age 83.
George E. Meade, ’50, of Morristown, TN, Sep. 7, age 86.
Charles Meyer, ’50, of Burke, VA, Feb. 24, age 86.
Terrence E. Olson, ’50, of Grand Rapids, Oct. 30, age 83.
Paul R. Pettit, ’50, of Richardson, TX, Dec. 23, age 85.
Leland G. Philp, ’50, of Cleburne, TX, Jul. 17, age 82.
Margery L. (Ross) Render, ’50, of Skiatook, OK, Aug. 2, age 82.
Elroy Schoppa, ’50, of Burleson, TX, Dec. 29, age 88.
Dale Sikkenga, ’50, of Spring Lake, Oct. 11, age 83.
DeWayne M. Spencer, ’50, of Saginaw, May 4, age 84.
Lyle V. Tullis, ’50, of Yukon, OK.
William J. Verbert, ’50, of San Antonio, TX, Mar. 25, age 84.
Aaron Weston, ’50, of Sarasota, FL, Aug. 7, age 81.
George W. Williams, ’50, of Loveland, OH, Aug. 9, age 87.
Daryel R. Wisely, ’50, of Ann Arbor, Jan. 2, age 84.
Harriett J. (Ab) Witteveen, ’50, of Rehoboth, NM, Oct. 6, age 82.
James O. Bard, ’51, of Traverse City, Apr. 21.
Lawrence J. Clysdale, ’51, of Long Beach, CA, Dec. 1, age 83.
Gerald G. DeForest, ’51, of Brooksville, FL, Oct. 19, age 82.
Donald A. Deeter, ’51, of Dayton, OH, Jun. 2, age 82.
David V. Engstrom, ’51, of Marquette.
William W. Frank, ’51, of Concord, MA, Apr. 21, age 82.
Garth T. Frost, ’51, of Swartz Creek, Mar. 24, age 82.
Clifford J. Griffith, ’51, of Nampa, ID, Apr. 17, age 80.
Wallace C. Guertler, ’51, of Birmingham, Mar. 6, age 82.
Jerald A. Haynes, ’51, of Aurora, CO, Mar. 15, age 87.
Albin P. Hughes, ’51, of Arcadia, Apr. 5, age 86.
B. William Kostecke, ’51, of Milwaukee, WI, Apr. 11, age 85.
Carrol J. Krantz, ’51, of Ann Arbor, May 29, age 81.
Otto H. Lindemann, ’51, of Buffalo, NY, Jan. 4, age 84.
David E. Mathery, ’51, of West Bloomfield, Sep. 5.
William J. Motel, ’51, of Hilton Head Island, SC, May 14, age 82.
Harry R. Nelson, ’51, of Lake Mary, FL, Apr. 5.
Mary Jo (Lepard) Smith, ’51, of Port Huron, Sep. 10.
Theodore Summers, ’51, of Midland, Feb. 24, age 83.
Francis R. Walter, ’51, of La Crescent, MN, Mar. 6, age 87.
Howard L. Wigell, ’51, of Detroit, MI, Nov. 27, age 93.
Richard J. Bartholomew, ’52, of Westland, Mar. 18.
Ella M. (Fleck) Buben, ’52, of Grand Rapids, Jan. 6, age 80.
Adrian C. Dawson, ’52, of Grand
Robert Dustan, '52, of East Lansing, May 11, age 82.
Patricia J. (Feely) Espie, '52, of Jackson, Jun. 4, age 84.
Janet Howard, '52, of Englewood, CO, Oct. 22, age 85.
Ludwig G. Kasischke, '52, Sep. 30, age 79.
Harold A. Kwast, '52, of Tulsa, OK, Oct. 14, age 82.
Hugh L. McVeigh, '52, of Manistee, MI, Jan. 26, age 81.
Waldemar A. Piehler, '52, of Lansing, Jun. 29.
Barbara (Lutz) Stelle, '52, of Colorado City, CO, Oct. 3, age 80.
Frances G. (Gaines) Waring, '53, of Novi, Dec. 15, age 79.
Barbara J. (Howarth) Bird, '54, of Manistee, Apr. 23, age 78.
Donald J. Bowersox, '54, of Lady Lake, FL, Jul. 4, age 78.
William J. Fogle, '54, of Lansing, Apr. 17.
Milton J. Gearing, '54, of Grand Blanc, Apr. 16, age 79.
Robert M. Gilson, '54, of Flossmoor, IL, Apr. 8, age 79.
Robert S. McKillip, '54, of Saranac Lake, NY, Mar. 5.
Thomas R. Secor, '54, of Calumet, Jul. 4, age 87.
Marvin D. Slagb, '54, of Rolling Meadows, IL, Nov. 12, age 81.
Anna M. Spencer, '54, of Lansing, Jan. 30, age 78.
Glen A. Thonnes, '54, of Bethany Beach, DE, Jul. 4.
Franklin T. Weater, '54, of Jackson, Jan. 8, age 79.
Charles C. Wunderlich, '54, of Pittsburgh, PA, May 24, age 86.
William E. Field, '55, of Mansfield, PA, May 15.
Lucy B. (Purvis) Hughes, '55, of Ionia, Jun. 11, age 77.
Harold Huston, '55, of Tonawanda, NY, Oct. 8, age 81.
Janet (Nelson) Ruppert, '55, of Okemos.
Eugene B. Schottbother, '55, of Rochester, Jan. 30, age 87.
June S. (Walters) Stewart, '55, of Warren, Apr. 27, age 78.
John C. Zavitz, '55, of Apopka, FL, Sep. 6, age 78.
Myron G. Cropsey, '56, of Portland, OR, Mar. 19, age 101.
Robert M. Freeman, '56, of San Antonio, TX, Nov. 13, age 76.
John R. Hepler, '56, of Piqua, OH, May 7, age 76.
Kenneth A. Honeycutt, '56, of Bowie, MD, Oct. 20, age 78.
Thomas J. Linton, '56, of Sheffield, NC, Apr. 30, age 77.
Norman D. Masters, '56, of Bloomfield Hills, Apr. 19, age 77.
James M. McGreevy, '56, of Fontana, WI, Dec. 10, age 76.
John V. Polomsky, '56, of Empire, Jul. 14, age 80.
Amy L. (Lytle) Rowe, '56, of Salem, SC, May 25, age 76.
Marcia A. Thompson, '56, of Leland, Nov. 4, age 87.
Phyllis M. Tobias, '56, of Wheaton, IL, Jul. 27, age 76.
David B. VanDommelen, '56, of Petersburg, PA, Oct. 13, age 81.
Stanley W. Wolfe, '56, of San Diego, CA, Feb. 3, age 78.
Ira E. Clark, '57, of Colon, May 15, age 79.
Wayne D. Davis, '57, of Essexville, May 10, age 79.
William V. Ely, '57, of Jackson, Feb. 3, age 85.
Robert D. Fox, '57, of Wooster, OH, Jul. 20, age 74.
John H. Hefner, '57, of Houston, TX, Apr. 6, age 82.
Harold R. Johnson, '57, of Afton, VA, Apr. 9, age 75.
Bernie L. Lattner, '57, of Alexandria, VA, Mar. 26, age 76.
James J. Liddle, '57, of Rochester, Mar. 13.
Harry C. McKenna, '57, of Lexington, KY, Feb. 9, age 76.
Harold N. Murphy, '57, of Watertown, MA, Nov. 10, age 77.
Samuel F. Ridlen, '57, of Champaign, IL.
Robert E. Sanson, '57, of Jermyn, PA, Sep. 16, age 75.
Luis A. Alcala, '58, of East Lansing, Jun. 23.
Edward G. Beckman, '58, of Boyne City, Apr. 9.
Harold G. Bell, '58, of Lansing, Mar. 18, age 85.
Robert L. Brohan, '58, of Trenton, OH, Mar. 8, age 80.
Barbara E. (Stone) Brooks, '58, of Port Charlotte, FL, Jan. 12, age 74.
James H. Davis, '58, of Champaign, IL, Nov. 16.
Lynn R. Duryea, '58, of Royal Oak, Jun. 7.
Nancy (Carson) Farley, '58, of APO New York, NY, Dec. 9, age 74.
Charles E. Flaim, '58, of Granger, IN.
John R. Franks, '58, of Savannah, TN, Nov. 5, age 81.
Lauren A. Frech, '58, of Loma Linda, CA, Mar. 26, age 84.
Richard L. Goetz, '58, of Troy, Mar. 11, age 75.
William D. Kenney, '58, of East Lansing, May 4, age 74.
David C. Kietzmann, '58, of Hastings, Nov. 4, age 74.
Betty (Stoddard) Lehnhertz, ’58, of Royal Oak, Aug. 24, age 74.
Joseph M. McDonough, ’58, of San Francisco, CA, Oct. 22.
Lloyd E. Nisley, ’58, of San Diego, CA, Jun. 18, age 79.
Mary L. (Laird) Yatchak, ’58, of Ironwood, Dec. 26, age 76.
Donald L. Fisk, ’59, of Galesburg, IL, May 28.
Larry R. Franklin, ’59, of Farwell, Apr. 14, age 73.
Van L. Marshall, ’59, of Austin, TX, Apr. 27, age 74.
Kenneth J. Martinsek, ’59, of Milwaukee, WI.
James M. Needham, ’59, of South Bend, IN, Jul. 10, age 71.
Edward J. Pratt, ’59, of Friendly, MD, Aug. 25, age 74.
Gerald E. Wensloff, ’59, of Big Rapids, Jul. 19, age 83.
Dennis L. Wuebker, ’59, of Minneapolis, MN, Jan. 22, age 79.

Robert L. Archambault, ’60, of Omaha, NE, Dec. 15.
Patrick F. Burke, ’60, of Osterville, MA, Feb. 3, age 76.
James D. Dole, ’60, of Glenwood, IL, Oct. 11, age 71.
David A. DuQuette, ’60, of Grand Rapids, Mar. 9, age 74.
Bruce P. Garland, ’60, of Suttons Bay, Apr. 10, age 76.
Gerald W. Heins, ’60, of Davidson, NC, Jan. 15, age 77.
William M. Larkin, ’60, of Cudahy, WI, Aug. 3, age 72.
Janice D. Larson, ’60, Mar. 20, age 91.
John A. McGill, ’60, of Saginaw, May 19, age 74.
Joyce M. (Prange) Oppel, ’60, of Portage, Apr. 28, age 72.
Paula G. (Robber) Poland, ’60, of Lewiston, Dec. 1, age 73.
Franklin L. Randolph, ’60, of Mattoon, IL, Mar. 19, age 78.
Elizabeth J. (Spencer) Sager, ’60, of Laguna Niguel, CA.
Richard A. Sager, ’60, of Laguna Niguel, CA, Apr. 1, age 72.
Lloyd W. Sells, ’60, of Rochester, IN, Aug. 1, age 79.
R. Edward Stolze, ’60, of Saginaw, Dec. 20, age 78.
Donald T. Thornton, ’60, of Land O Lakes, FL, Oct. 9, age 77.
Ihab V. Tawrozynski, ’60, of East Lansing, May 16, age 81.
William R. Ufer, ’60, of Stryker, OH, Jun. 9, age 72.
Dean S. White, ’60, of Crawfordsville, IN, Jan. 16, age 83.
Thomas L. Woodruff, ’60, of Trabuco Canyon, CA, May 17, age 72.
Richard J. Bauder, ’61, of Lansing, Jan. 25, age 79.
Charles R. Bunn, ’61, of Traverse City, Dec. 30, age 77.
Thomas R. Coby, ’61, of Grand Rapids, Apr. 7, age 72.
James P. Conlon, ’61, of Grand Rapids, Feb. 14, age 79.
Gwendolyn E. (Caudle) Danser, ’61, of Fort Wayne, IN, May 8, age 72.
Eskel O. Essary, ’61, of Woodbridge, VA.
John F. Kirn, ’61, of Genesey, NY, Apr. 10, age 80.
Judith L. (German) McCallum, ’61, of Chicago, IL, Oct. 20, age 71.
Joyce E. (Hendee) Moore, ’61, Mar. 7, age 71.
Ann R. Pote, ’61, of Kingsley, Nov. 29, age 74.
Ivon L. Preston, ’61, of Madison, WI, Mar. 1, age 79.
Margo J. (Miller) Reed, ’61, of Smithfield, VA, Oct. 27, age 72.
Lyle H. Schopk, ’61, of Benton Harbor, Jan. 5, age 74.
Florence L. (Labelle) Thoke, ’61, of Rancho Mirage, CA, Apr. 11, age 73.
Raymond J. Blake, ’62, of Lansing, Mar. 8, age 78.
Gerald M. Flachs, ’62, of Las Cruces, NM, Apr. 3.
Zachary D. Ford, ’62, of Melbourne, FL, Mar. 23, age 70.
Howard W. Gates, ’62, of Penfield, NY.
William L. Grecco, ’62, of Knoxville, TN, Apr. 12, age 86.
Guy J. Laprad, ’62, of Commerce Township, Oct. 9, age 70.
Gary D. McAlvey, ’62, of Wilmington, IL, Mar. 25, age 70.
William C. Rogers, ’62, of Waterford, Nov. 6, age 90.
Larry J. Schneider, ’62, of North Easton, MA, Feb. 19, age 75.
B. Margaret Voss, ’62, of Stanton, Apr. 5, age 89.
Arthur D. Baldwin, ’63, of Pearlard, TX, Feb. 19, age 85.
Robert A. Comstock, ’63, of Manistee, Sep. 12, age 69.
Thomas E. Dvorak, ’63, of Caledonia, Mar. 21, age 69.
Barbara (Martin) Hardy, ’63, of Columbus, OH, Nov. 7, age 79.
Richard W. Hibler, ’63, of Potsdam, NY, Jan. 7, age 71.
Derek M. Hodge, ’63, of St Thomas, VI, May 31, age 69.
Mary K. Hoffman, ’63, of Adrian, Apr. 17, age 70.
Elisabeth Z. James, ’63, of Grand Rapids, May 20.
Richard E. Karcher, ’63, of Mundeine, IL, Nov. 25, age 83.
Daniel R. Killoran, ’63, of Lynn, MA, Nov. 28, age 72.
David B. Reid, ’63, of Tulare, CA.
Michael B. Smith, ’63, of Boca Raton, FL, Dec. 27, age 69.
Earl D. Stevens, ’63, of Saint Johns, Nov. 16, age 70.
Ralph E. Stitt, ’63, of Leslie, Jun. 18, age 77.
Glenn M. Swenson, ’63, of Madison, CT, Nov. 8, age 69.
Clifford D. Williams, ’63, of Fowler ville, May 8.
Hermann W. Daunn, ’64, of Stanwood, Jul. 4.
Christopher B. Eyler, ’64, of APO New York, NY, Jan. 19, age 70.
Ethelyn Flora, ’64, of Niles, Apr. 24, age 92.
Raymond L. Gedman, ’64, of Albion, Feb. 23, age 72.
William M. Gilmore, ’64, of Palm Springs, CA, Oct. 18, age 68.
Duane E Hinds, ’64, of Philadelphia, PA, Aug. 18, age 78.
Marion L. Kolenda, ’64, of Grand Rapids, Jun. 8, age 84.
Douglas L. Miller, ’64, of Empire, Jan. 6, age 68.
Clifford J. Nye, ’64, of New Baltimore, Feb. 13, age 68.
Alfred Pleasonton, ’64, of Elizabethtown, KY, Mar. 22, age 85.
George M. Roberts, ’64, of Saint Clair, Apr. 21, age 70.
Robert L. Shaffer, ’64, of Port Charlotte, FL, Jan. 2, age 68.
Violet L. Shipley, ’64, of Trout Lake, Jun. 15, age 94.
George C. Walker, '64, of Tolleson, AZ, Feb. 10, age 83.
David L. Burdette, '65, of Canton, Stanton, Jul. 3, age 75.
Luther P. Christman, '65, of Chapel Hill, TN, Jun. 7, age 96.
Wayne T. Coyle, '65, of Cantons, Mar. 25.
Edward M. Eaton, '65, of Walled Lake, May 7, age 65.
Arthur J. Harris, '65, of Novi, Apr. 13, age 67.
Ellen Hill, '65, of Berkeley, CA, Mar. 14, age 68.
Donald L. Hobson, '65, of Detroit, May 4.
Pamela A. Ledebur, '65, of Littleton, CO, Dec. 18, age 67.
Roberta S. (Kall) Lewis, '65, of Berkeley, CA, Mar. 29, age 67.
Wayne M. Austin, '67, of Manchester, PA.
Robert R. Gender, '67, of Troy, May 22, age 75.
Michael E. Kaelke, '67, of Minnetonka, MN, Dec. 11, age 71.
Eileen F. (Quinn) Kanemoto, '67, of Loyola, CA, Jun. 15, age 66.
John T. Murphy, '67, of Lubbock, TX, Dec. 17, age 67.
Michael E. Myers, '67, of Port Orchard, WA, Jan. 12, age 66.
Melvin G. Nun, '67, of Grayling, Mar. 4, age 73.
David Wood, '67, of Warren, May 27, age 79.
Anne P. (Macrellis) Albright, '68, of Jackson, May 31, age 77.
Joseph C. Lee, '68, of Indianapolis, IN, Feb. 21, age 79.
Robert L. McFadden, '68, of Phoenix, AZ, Feb. 24, age 65.
Donald L. Penive, '68, of Jackson, Mar. 13, age 83.
Edward L. Smith, '68, of Blacklick, OH, Aug. 9, age 66.
Harriet E. Tillock, '68, of Plymouth, Mar. 5, age 85.

**70s**

Cole B. Tyrrell, '68, of South Haven, May 2, age 64.
Randal E. Webber, '68, of APO New York, NY, Dec. 9, age 75.
Delbert L. Whitenack, '68, of Tulsa, OK, Feb. 10, age 80.
Anthony V. Williams, '68, of University Park, PA, Aug. 24, age 72.
Philip D. Allbright, '69, of Cocoa, FL, Feb. 6, age 85.
Frank J. Bacholzky, '69, of Almont, Mar. 18, age 82.
Robert A. Blastic, '69, of Lansing, Apr. 27, age 64.
Barbara L. (Holcomb) Bolio, '69, of Lansing, Apr. 24, age 63.
James E. Foy, '69, of Birmingham, AL, Oct. 8, age 94.
Michael R. Homant, '69, of Lake Orion, May 24, age 71.
Marklyn G. Hornung, '69, of Gladwin, Mar. 14, age 64.
Sharon W. (Willoughby) Jakubas, '69, of Palmer, AK, Nov. 10, age 63.
David O. Korte, '69, of Waterford, Apr. 18, age 63.
David E. Lebovitz, '69, of Morton Grove, IL, Sep. 16, age 63.
James E. Lester, '69, of Dexter, Mar. 29, age 85.
Frank J. McNerney, '69, of Walled Lake, Sep. 27, age 85.
Merrie C. Patch, '69, of Jackson, Jul. 5, age 73.
Judith G. Piper, '69, of Miami, FL, Apr. 29, age 64.
Carolyn J. Romine, '69, of Los Angeles, CA, Apr. 12, age 64.
John J. Speelman, '69, of Roswell, GA, Apr. 18, age 62.
Gary L. Wallace, '69, of Berrien Springs, Sep. 29, age 63.

Paul A. Frye, '70, of Bethlehem, PA, Nov. 15, age 61.
Evelyn M. Koning, '70, of Charlotte, Jan. 27, age 81.
Calvin W. Luttinen, '70, of Bloomfield Hills, Jun. 6, age 63.
John V. Malone, '70, of Manistee, Dec. 13, age 69.
Sharron J. McCargar, '70, of Eustis, FL, Feb. 4, age 75.
Ruth M. (Minna) Rossin, '70, Nov. 30, age 81.
Harley G. Roth, '70, of San Jose, CA, Dec. 23, age 73.
John Schafrota, '70, of Grand Rapids, Dec. 11, age 91.
Roger A. Schafer, '70, of Interlochen, Mar. 1, age 63.
Ronald P. Schmidt, '70, of Battle Creek, Aug. 9, age 63.
Richard L. Siwek, '70, of Flushing, Mar. 7, age 67.
Cleo F. Townsend, '70, of DeWitt, Jun. 12, age 65.
James D. Winkworth, '70, of Kalamazoo, Dec. 18, age 62.
Marc A. Bringman, '71, of Chicago, IL, Oct. 11, age 61.
Grace S. (Jurn) Dunbar, '71, of Fort Gratiot, Mar. 21, age 73.
Donna L. Henseler, '71, of Yankton, SD, Jun. 5, age 85.
Thomas J. Keekisen, '71, of Essexville, Jan. 27, age 62.
Shirley A. (Kettles) Klunzinger, '71, of Central Lake.
Donald C. McKinnon, '71, of Cheboygan, Mar. 18, age 69.
Harold M. Molter, '71, of Auburn, Feb. 24, age 75.
George P. Pappas, '71, of East Lansing, Jul. 11, age 87.
Janet G. (Funk) Racht, '71, of Buchanan, Dec. 25, age 61.
Robert D. Staiff, '71, of Battle Creek, Jan. 16.
Patricia A. Smolens, '71, of Marquette, Apr. 2, age 62.
Christie A. (Pebh) Tahabchi, '71, of Swartz Creek, Nov. 17, age 63.
Sally A. Tonnemacher, '71, of Jackson, Mar. 9, age 76.
Lois A. (Yeagley) Bass, '72, of Bloomfield Hills, Nov. 14, age 60.
Gregory S. Collins, '72, of Grand Blanc, Nov. 30, age 60.
Arlene J. Finch, '72, Feb. 5, age 89.
Dennis K. Fitzgerald, '72, of Lanham, MD, Feb. 27, age 60.
George A. Haviland, '72, of Franklin, Jan. 14, age 89.
Clifford J. Kolbus, '72, of Livonia, Jun. 4.
Douglas B. Lund, '72, of Ypsilanti.
John W. Martinow, '72, of Sterling Heights, Jun. 30, age 60.
Pamela A. Merrill, '72, of Nashville, TN, Feb. 23, age 74.
Constance O’Keefe, '72, of Washington, DC.
Marybeth (Mehlberg) Robb, '72, of Taylorsville, NC, Sep. 23, age 78.
Dennis C. Root, '72, of Bay Port, Apr. 10, age 61.
Scott E. Sayers, '72, of Carrolton, TX, Dec. 31, age 60.
David Scialli, '72, of College Station, TX, Sep. 17.
Robert A. Walters, '72, of Springfield, OH, Jan. 27, age 62.
Lillian J. (Ketch) Weston, '72, of Sterling Heights, Mar. 14, age 87.
Bruce P. Arndt, '73, of Jackson, Mar. 16, age 59.
Marjorie M. Badalaski, '73, of Catonsville, MD, Jun. 20, age 88.
Jean F. (Brazelton) Brazelton-McGehee, '73, of Southfield, Dec. 24, age 59.
Charles C. Cain, '73, of Lansing, Jul. 9, age 60.
James T. Callahan, '73, of Waltham, MA, Feb. 7, age 61.
Brad C. Dickman, '73, of Ferndale, Nov. 10, age 59.
Annie P. Garib, '73, of Saginaw, Sep. 15, age 59.
Timothy A. Geyer, '73, of Atlanta, GA, Sep. 3, age 60.
Ariel S. Hodgson, '73, of Rochester, Oct. 18, age 97.
Nancy K. (Bailey) LeClaire, '73, of Gaylord, May 28, age 59.
Daniel P. Lutzeyer, '73, of Peoria, AZ, Apr. 27, age 83.
Ronald D. Lyon, '73, of Ocala, FL, Apr. 30, age 66.
Phyllis P. McCay, '73, of Seattle, WA, Feb. 22, age 59.
Michael K. May, '73, of Youngstown, OH.
Stanley E. Need, '73, of Southfield, Apr. 29, age 66.
Sherry L. Noren-Saltz, '73, of Scottsdale, AZ, Apr. 21, age 59.
Harold B. Orrell, '73, of Oxford, Apr. 1, age 64.
Wesley A. Pietrala, '73, of Arlington Heights, IL, Feb. 27, age 59.
Ronald J. Taylor, '73, of Holt, Feb. 27, age 62.
Thomas E. Vallemanna, '73, of Royal Oak, Mar. 2, age 69.
Arthur A. Bowman, '74, of Bellevue, WA, Jan. 30, age 74.
Louis S. Klinec, '74, of Lansing, Mar. 10, age 79.
Douglas J. Landon, '74, of Grand Ledge, Feb. 11, age 64.
Alfred A. Reich, '74, of Eben Junction, Jul. 18, age 62.
Richard K. Schermer, '74, of Portland, OR, Jan. 19, age 58.
Lona J. Sweitzer, '74, of Lansing, Mar. 22, age 70.
Leona M. Barnhart, '75, of Traverse City, Apr. 16, age 70.
Ronald A. Clark, '75, of Lansing, Jan. 1, age 78.
Gerald A. Croteau, '75, of Harrison Township, May 11.
Angela M. Lang-Sweeney, '75, of Detroit, Aug. 25, age 57.
Frances J. (Vogel) Tibbits, '75, of Bradenton Beach, FL, Jan. 10, age 72.
Kathleen A. Bloch, '76, of Waterford.
Frederick J. Cady, '76, of Saginaw, Feb. 19, age 63.
Martha (Gower) Drake, '76, of Petoskey.
Kathleen L. Edwards, '76, of Stillwater, OK, Jan. 22, age 59.
Irene I. Goglio, '76, of Grand Rapids, Jun. 11, age 86.
Richard L. Kill, '76, of Williamston, Feb. 3, age 78.
Conrad L. Larson, '76, of Lansing, Sep. 9, age 61.
William F. Montavon, '76, of Sarasota, FL, Oct. 9, age 54.
Christine D. Page, '76, of Jackson, Jun. 3, age 64.
Juanita M. (Jarvis) Shakir, '76, of Detroit, Apr. 19, age 84.
Michael J. Grieshaber, '77, of Sterling Heights, May 19, age 75.
Thelma L. Jones, '77, of Suttons Bay, Jan. 1, age 78.
Patricia (Hale) Muesigg, '77, of Dowagiac, Jan. 27, age 68.
Jan M. (Olson) Olson, '77, of Palatine, IL, Jan. 2, age 55.
William T. Grace, '77, of Saint Joseph, Mar. 6, age 55.
Paul D. Gray, '78, of South Portland, ME, Jan. 1, age 60.
Sandra A. Krumme, '78, of Boca Raton, FL, Sep. 30, age 53.
Crag J. Oppenlander, '78, of Warren, Apr. 2, age 61.
Thomas C. Sobczak, '78, of Alto, May 3, age 63.
Judith S. Sweeney, '78, of Pooler, GA, Apr. 16, age 61.
Brynn T. Ashton, '79, of Sanwansbor, NC, Aug. 13, age 53.
Gerald R. Flemming, '79, of Oak Park, IL.
Robert Hall, '79, of Houston, TX, Aug. 23, age 63.
Stephen C. LeMere, '79, of Jamestown, NC, Nov. 4, age 53.
Joni L. (Russell) Starkey, '79, of Grand Haven, Apr. 9, age 56.
Michael R. Toney, '79, of Lansing, Mar. 15, age 56.
Thomas W. Tschirhart, '79, of Lansing, May 23, age 54.

Roslyn A. Crump, '80, of Shelby, NC, Dec. 13, age 52.
Arthur J. DeCook, '80, of Rochester, May 20, age 53.
Margaret R. (Brown) Doolditle, '80, of Mason, Feb. 16, age 67.
Martin C. Parkins, '80, of Newton Center, MA, Apr. 9, age 52.
Robert E. Schmidt, '80, of Minneapolis, MN, Jun. 11, age 54.
Edna K. Smit, '80, of Durham, NC.
Stanley J. Whitehair, '80, of Peaksill, NY, Mar. 31, age 52.
Suzanne K. Bohunsky, '81, of Punta Gorda, FL, Apr. 20, age 51.
Ray C. Cook, '81, of Hamilton, Aug. 17, age 64.
Christopher D. Donouan, '81, of Stone Mountain, GA, Mar. 10, age 52.
Mary B. Steinborn, '81, of Port Isabel, TX, Jan. 1, age 58.
Donald J. Weeks, '81, of Elk Rapids, May 2, age 51.
Dennis J. Diment, '82, of Lansing, Aug. 25, age 51.
Daniel R. Gravelyn, '82, of Grand Rapids, Oct. 9, age 51.
Edwin L. Law, '82, of Belchertown, MA, Nov. 21, age 50.
Steven D. Pappin, '82, of Mason, May 12, age 51.
Debbie B. Porter, '82, of Granger, IN, Mar. 23, age 57.
Richard G. Pruett, '82, of Sugar Hill, GA, Apr. 16, age 54.
Constance S. Brooks-Robinson, '83, of Park City, UT, Mar. 6, age 49.
Stephen M. Cooney, '83, of East Lansing, Feb. 16, age 54.
Cynthia S. Johnson, '83, of Santa Cruz, CA, Jan. 6, age 78.
Suzanne M. Marek, '83, of Royal Oak, May 30, age 49.
Bridget McManus, ’83, of Minneapolis, MN, Mar. 20, age 52.
Margaret A. Robison, ’83, of Augusta, Aug. 19, age 72.
Frederick C. Wood, ’83, of Sequim, WA, Jun. 2, age 75.
David A. Wylie, ’83, of DeWitt, Mar. 3, age 55.
Sunajaka B. Rochadi, ’83, of Indonesia, Jul. 10, age 60.
Judy A. Harrison, ’83, of DeWitt, Apr. 3, age 56.
Barbara J. Winther, ’83, of Lansing, MI 48824-1005.

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Bridget McManus, ’83, of Minneapolis, MN, Mar. 20, age 52.
Margaret A. Robison, ’83, of Augusta, Aug. 19, age 72.
Frederick C. Wood, ’83, of Sequim, WA, Jun. 2, age 75.
David A. Wylie, ’83, of DeWitt, Mar. 3, age 55.
Sunajaka B. Rochadi, ’83, of Indonesia, Jul. 10, age 60.
Judy A. Harrison, ’83, of DeWitt, Apr. 3, age 56.
Barbara J. Winther, ’83, of Lansing, MI 48824-1005.

‘90s

Denis D. Walterreit, ’91, of Mount Pleasant, Mar. 29.
Barbara K. York, ’91, of Okemos, May 18, age 67.
Jennifer C. Greene, ’93, of Monroe, Mar. 8, age 40.
V. Charlene (Johnston) Heath, ’93, of Haslett, Mar. 2, age 74.
Raymond J. Marreale, ’93, of Novi.
Petra M. Stark, ’93, of Lansing, Mar. 23, age 39.
John F. Gillham, ’95, of Traverse City, Apr. 27, age 62.
Karen J. Hartvig, ’95, of Lansing, Mar. 18, age 48.
Susan K. Wittig, ’95, of Lansing, Mar. 9, age 62.
Shawn M. Koch, ’99, of Chicago, IL, Jun. 13, age 34.

‘00s

Morgan S. Jensen, ’00, of Chicago, IL, Oct. 29, age 32.
Sam T. Hines, ’01, of White Lake, Sep. 12, age 32.
Patricia M. Sitbole, ’01, of Old Town, ME.
Nicholas R. Margelis, ’03, of Oshtemo.
Christopher L. Waciniewski, ’03, of Lake Linden, Apr. 6, age 31.
Heather J. Hackett, ’04, of Traverse City, Jan. 5, age 35.
Bethany M. Richmond, ’04, of Battle Creek, Feb. 3, age 29.
Benjamin T. Zuehlke, ’05, of Coldwater, Mar. 23, age 29.
Pamela J. Siegman, ’06, of Kent, WA, Dec. 5, age 55.
Alberta Anderson, ’09, of Flint, Mar. 25, age 65.
Steven G. Boutell, ’09, of Shelby, Feb. 19, age 25.

‘10s

Charles T. Bouterse, of Williamson, Jan. 1, age 84.
Mildred E. Brown, of Lansing, Nov. 5, age 80.
Phyllis J. Brown, of Holt, Jan. 20, age 80.
Juanita Caskey, of Irvington, VA. Donald F. Dexter, of Germfask, Mar. 27.
Mary Jane Echterling, of East Lansing, Feb. 21, age 86.
Iva Fisher, of East Lansing, Jan. 31, age 97.
Richard Hoskins, of Okemos, May 14, age 88.
Charlene Ingersoll, of Okemos, May 21, age 82.
Valerie Lass, of Dimondale, Jan. 30, age 66.
Marvin N. (Nelson) Love, of Prescott, AZ, Mar. 11.
John A. McElhoner, of Lansing, Feb. 18.
Kenneth Oversmith, of Lansing, Mar. 4, age 81.
Ellen C. Reibling, of Lansing, Oct. 24, age 81.
Kenneth Sanborn, of DeWitt, Dec. 28, age 88.
Jesse Stater, of Lansing, Jan. 24, age 76.
Dianne B. Smith, of East Lansing, Mar. 30, age 78.
Marjorie L. Sorrell, of Lansing, Apr. 29, age 85.
Elizabeth L. Timar, of Bancroft, Nov. 27, age 79.
Gayla F. Walters, of Laingsburg, Apr. 26, age 72.

‘11s

- Faculty
Thomas F. Baldwin, ’66, of East Lansing, May 4, age 78.
Harris F. Beeman, ’43, of East Lansing, May 15, age 90.
Nancy M. Crewe, of East Lansing, Apr. 6, age 71.
Onuma Ezeru, of Sterling, VA, Apr. 4, age 77.
Jon J. Kabara, of Galena, IL, Mar. 24, age 84.
Ronald Keeler, of Hickory Corners, Mar. 23, age 86.
George M. Kessler, ’53, of East Lansing.
Ernest H. Kidder, of Petoskey, Feb. 23, age 98.
Anthony C. Koo, of Okemos, May 6, age 89.
Robert E. Lucas, ’47, of Okemos, Jul. 20, age 95.
Clifton McChesney, of Williamson, Mar. 17, age 82.
Andrew McClary, of East Lansing, Apr. 23, age 84.
Demetra Mehas, of Farmington, Apr. 2, age 88.
Mary E. (Elder) Nickell, ’61, Jan. 29, age 102.
John M. Schneider, ’61, of Traverse City, Apr. 12, age 72.
John D. Shingleton, ’48, of East Lansing, Mar. 2, age 89.
Robert A. Solo, of Okemos, Mar. 24, age 94.
Charles S. Steele, of East Lansing, Mar. 7, age 72.
Jack Stieber, of East Lansing.
Earl W. Threadgould, ’66, of Mason.
Gordon Wood, of East Lansing, May 18, age 73.

MSU was notified of these deaths between Feb. 1 and Apr. 30, 2011.
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—Robin R. Means Coleman, associate professor at the University of Michigan and author of Horror Noir: Blacks in American Horror Films from the 1890s to Present

Aimé J. Ellis was an associate professor of English and core faculty in African and African American studies at Michigan State University until his death in 2009, following a yearlong battle with cancer.

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