

FOR DONORS AND FRIENDS OF MICHIGAN STATE UNIVERSITY

SPRING 2016

DEVELOPMENTS



***FAST
FORWARD***

HOW ENDOWED FACULTY
CHAIRS PUT DISCOVERY
AND INNOVATION
IN MOTION

Development Features

10 Cover Story: Fast Forward
How endowed faculty chairs put discovery and innovation in motion

14 The Art of Giving
Donor support shines light on student creativity

16 Going the Distance
Partnerships near and far empower community

20 Campaign Progress

2 New Developments

25 Now You Know

22

**Empower
Extraordinary**
Recent Campaign Gifts

**ENGINEERING A NEW
PROFESSORSHIP**
Rogerson real estate gift of \$1.725 million

A GIFT FOR FUTURE LAWYERS
Morris gift of \$1 million

**TWO GIFTS, TWO
GREAT CAUSES**
Duffey gifts of \$2.5 million

Learn more at:
givingto.msu.edu

DEVELOPMENTS

PUBLIC HEALTH IN FLINT

With a group of exceptional partners and a strong philanthropic community, Flint offered a substantial opportunity for the College of Human Medicine to expand its public health program. A Charles Stewart Mott Foundation grant of \$9 million established an endowment that enabled the college to recruit three world-class public health researchers. These researchers are now embarking on their work to develop strategies to improve health outcomes in Flint at a critical time.

For Donors and Friends of Michigan State University

MSU Developments, published three times each year, is devoted to the inspiration and impact of private philanthropy at Michigan State University.

Vice President for University Advancement

Robert W. Groves

Editorial Team

Stephanie Motschenbacher, Director

Lois Furry, Editor

Jen Weaver, Art Director

Contributing Writers: Devon Barrett and Christina Schaffer

Contributing Editors: Paula Davenport, Linda Dunn and Sarah Wardell

Photos: Aran Kessler, Harley Seeley, Kurt Stepnitz and Derrick Turner

Michigan State University

University Advancement

University Development

Spartan Way

535 Chestnut Road, Room 300

East Lansing, MI 48824

(517) 884-1000 • givingto.msu.edu

The generosity of thousands of alumni and friends empowers MSU's students, faculty and leaders to accomplish the extraordinary every day.

Ways to Support Michigan State

Online Giving

You may make a gift securely online using your credit card. Visit givingto.msu.edu.

Cash, Stock, Real Estate and other gifts

To explore how you might provide financial support to MSU, contact the University Development office in your college or unit, or call (517) 884-1000.

Estate Planning

To remember MSU in your will, personal trust, qualified retirement plan or IRA, contact the Office of Gift Planning at (800) 232-4678 or (517) 884-1000. The correct reference is: Michigan State University, East Lansing, Michigan and the federal tax identification number is 38-6005984. If you have already named MSU in your estate plans, please contact us so we can welcome you to the Linda E. Landon Legacy Society. For more information, go to giftplanning.msu.edu.

new DEVELOPMENTS

PLANT WHERE YOU'RE GROWN

After they graduated from MSU in the 1950s, Victor and Alice Guernsey got to work planting seeds of Spartan pride in all the future generations of Guernseys.

"We are busy indoctrinating all Guernsey children on how great it is to be a Spartan," jokes Scott Guernsey, son of Victor and Alice. Scott, his wife and their children are all graduates of MSU. They are among the many Guernseys who call themselves Spartans.

To gain some perspective on just how much this family loves their school and their home state, you need only take a stroll through the Clarence E. Lewis Landscape Arboretum and visit the Victor M. and Alice K. Guernsey Michigan Garden, which was funded in their memory by their family members.

"It represents Alice's love of gardens, flowers and the beauty of the MSU campus, and Vic's unwavering devotion and love of MSU and his valuable degree," says Scott.

In the eleven years since its installation, the garden and its mitten-shaped granite patio have become a beautiful, permanent part of MSU, akin to the way MSU became a beautiful, permanent part of one very green-blooded—and green-thumbed—family.



The Guernsey Garden, with its granite patio centerpiece, awaits the first blooms of spring.

For more information on making a gift to the College of Agriculture and Natural Resources, contact Senior Director of Development Tami Baumann at bauman13@msu.edu or call (517) 355-0284.

CREATING INTERNATIONAL DEVELOPERS



After long, successful careers in international development, Dr. Joan Claffey ('69, Social Science; '82, Education) and her husband Dr. Anthony Meyer have established the Joan M. Claffey and Anthony J. Meyer Endowed Fund for International

Development Student Travel Grants for Technical Assistance or Collaborative Research at MSU.

Housed in International Studies and Programs, the grants will support MSU juniors, seniors and graduate students who are addressing critical human needs around the globe, such as food security, environmental quality, health and nutrition, and education.

Claffey and Meyer's careers are both products of their own international experiences. Claffey, who did her master's and doctoral work at MSU, served as an assistant professor in the College of Education before serving a three year appointment to the U.S. Agency for International Development (USAID).

That's where she met her husband, who was a visiting researcher at the University of Nairobi's Institute of Development Studies before starting his own career at USAID.

"Work in developing countries as students changed our lives and led to careers in international development. We want to support the same kind of compelling experience for new generations of students while they are on the thresholds of their careers," Meyer says.

Claffey agrees. "We want to help MSU empower students to become agents of change for collective good in the world, and develop the empathy and expertise that is required for such contribution."

The impact of their gift will be felt long into the future, as the MSU scholars supported by the endowment pursue careers in international development and make meaningful and lasting contributions around the world.

For more information on making a gift to International Studies and Programs, contact Senior Director of Development Angha Childress at angha@msu.edu or call (517) 432-9183.



FOUNDATIONS PARTNER WITH MSU TO PROMOTE SOCIAL MOBILITY

Michigan State's success in graduating students across the socioeconomic spectrum is being recognized by foundation partners working to close the achievement gap in American higher education.

MSU will use part of \$3.85 million—awarded to MSU and 10 other institutions of the University Innovation Alliance (UIA) from the Bill & Melinda Gates Foundation, Ford Foundation and USA Fund—to expand the residential neighborhood model which provides timely academic, health and career support for students. Initial efforts have led to fewer students on academic probation after their first semester, a reliable indicator of graduation.

Additionally, as part of the UIA's \$8.9 million First in the World Grant from the U.S. Department of Education, MSU will pilot an intensive degree mapping and advising program with 450 randomly selected low-income, first-generation freshman students next fall.

"As we've worked to support success for all students, the achievement gap in American higher education has been a stubborn concern," says MSU President Lou Anna K. Simon. "That's why we joined peer institutions to develop and share evidence-based solutions, and it is gratifying that these are showing promise."

ROLLING OVER...AND OVER...AND OVER

The Protecting Americans from Tax Hikes Act of 2015 made permanent the opportunity for donors, ages 70½ and older, to make gifts from their IRA accounts. More commonly known as the IRA Charitable Rollover, here's how it works:

- You must be age 70½ or older on the date of the rollover gift.
- No charitable deduction is allowed, nor do you have to pay income tax on the amount gifted from your IRA.
- The gift transfer counts toward the IRA account owner's required minimum distribution for the year.
- Up to \$100,000 per IRA account may be given annually.
- Transfers must be made directly from the IRA custodian to MSU. You should not take withdrawals and then contribute the funds to MSU.
- Only funds in traditional and Roth IRAs are eligible. IRA rollover gifts are not allowed from 401(k)s, 403(b)s or other qualified retirement plans.
- Gifts must be made to public charities, such as MSU. Gifts may not be made to donor-advised funds, private foundations or supporting organizations.

Learn more by calling the MSU Office of Gift Planning at (800) 232-4678 or visit go.msu.edu/ira-rollover



Della Hughes-Carter's work emphasizes the importance of kidney disease screenings for those with diabetes.

INSPIRED BY DAD, SUPPORTED BY A NURSE

Della Hughes-Carter is an instructor in the MSU College of Nursing and an expert in diabetic kidney disease. Anna Mae (Berg) Spaniolo is remembered by her family as a remarkable professional nurse, wife, mother and best friend.

Last fall, the Anna Mae (Berg) Spaniolo Endowed Faculty Practice Enrichment Award provided Hughes-Carter with the resources to create a professionally produced video to disseminate the practice guidelines from the National Kidney Foundation.

Insulin and oral anti-diabetic medications greatly improved survival rates for diabetes in recent decades. Unfortunately, diabetes (types 1 and 2) continues to cause serious complications such as kidney failure.

"My father developed type 2 diabetes and years later lost his kidney function. He did well with the other complications of diabetes but did not survive kidney failure," Hughes-Carter says.

His journey inspired her career. The video she created is intended for healthcare providers, but people with diabetes are benefiting from watching the video as well.

"Those with diabetes tell me that they are taking the video to their health care provider and asking to be screened yearly for diabetic kidney disease," she says.

Certainly a mission that Nurse Anna Mae (Berg) Spaniolo would be proud of, as part of her legacy.

For more information on making a gift to the College of Nursing, contact Director of Development Eric Sturdy at sturdyjr@msu.edu or call (517) 432-1187.

COMING TOGETHER OVER ART

Donors and friends of the Eli and Edythe Broad Art Museum at MSU are still buzzing about a series of events put on by MSU during one of the largest exhibitions of modern and contemporary art in the world, Art Basel Miami Beach.

Participants were treated to guided tours of the exhibition with Broad MSU curators. The festivities also included special receptions with artists whose work has been exhibited at the Broad MSU.

At one reception, the large contingent of MSU alumni and friends were joined by Eli Broad who, alongside his wife Edythe, is not only a widely known collector and patron of art, but also a major supporter of Michigan State. Broad was recently named one of *Time Magazine's* 100 Most Influential People for 2016 for his work as both an entrepreneur and philanthropist.

For more information about making a gift to the Eli & Edythe Broad Art Museum, contact Director of Development Douglas Moffat at moffat@msu.edu or call (517) 884-4816.



Eli Broad speaks to fellow Spartans and friends at a gala reception to kick off the festivities. Among the attendees, Richard and Shelley Golden and hosts Sue and Alan Kaufman (below, L-R).



A SMOOTHER ROAD FOR FUTURE D.O.S

It was January 16, 1981. There were six inches of snow in East Lansing, and Michael Henderson had driven from Mississippi to interview for admission at the osteopathic college in Michigan.

While the literal road to get there was difficult, the metaphorical road to medical school wasn't all that easy, either.

Michael was a hard worker from the beginning. He started earning money mowing grass at 13 and worked at the Winn-Dixie from age 14 through college graduation. He taught high school Latin for a year, worked as a phlebotomist for two years at his hometown hospital, and found a mentor in one of just seven osteopathic physicians working in Mississippi.

From his early struggles, he has grown a legacy. A 1986 MSUCOM alumnus, he is a successful radiologist, his wife Susan is a nurse, and their son, David Rastall, is a sixth-year DO/PhD student in the Cell and Molecular Biology Program at MSUCOM.

Two decades ago, the Hendersons started giving back with a series of annual gifts supporting the MSU College of Osteopathic Medicine. Then they made a charitable bequest to fund a future

endowed scholarship for underprivileged osteopathic students. In 2015, the Hendersons committed to establishing The Michael A. Henderson, D.O. and Susan Henderson, R.N. Scholarship Fund.

"There is a lot of talent in underprivileged people," notes Michael, "and they need to have the opportunity to express it."

"People born with advantage don't always realize it, but others might be born with an albatross around their necks," Susan adds. "If mom and dad have money, they've probably got your back. If they don't, you need a safety net."

The Hendersons' gift to the college has made them eligible for the Robert S. Shaw Society, which recognizes the generosity of donors who make a commitment of between \$500,000 to \$999,999 to MSU or a documented planned gift of at least \$1,000,000.

For more information on making a gift to the College of Osteopathic Medicine, contact Director of Development Chris Surian at surianc@msu.edu or call (517) 355-8355.



Michael and Susan Henderson have created a scholarship fund to help future doctors in the College of Osteopathic Medicine.



MSU alumnus Greg Fowler, who is blind, navigated the bridges, buildings and crosswalks of campus in the 1970s with the help of a tactile map. Now, with a gift that created the Emerging Opportunities Fund at the Resource Center for Persons with Disabilities, he is enabling the RCPD to develop new ways to make navigating MSU easier for all students with disabilities.

ALL THINGS FOR ALL PEOPLE

Alumnus' support for MSU's Resource Center for Persons with Disabilities is helping to make MSU accessible for everyone.

by Devon Barrett

The Resource Center for Persons with Disabilities, or RCPD, at Michigan State University has a big mission: find solutions to the challenges that face people with disabilities in higher education.

"It's easy to identify the needs of those who are visually impaired, deaf, or experience mobility challenges," says Mike Hudson, director of the RCPD. "But we've also become adept at recognizing and addressing the needs of those with less visible disabilities, too, like learning disabilities, chronic health, mental health conditions, or those on the autism spectrum."

Making campus universally accessible is a long-term, dream-big goal that the RCPD is able to work toward thanks to donor support.

Alumnus Greg Fowler is one of those donors.

When he talks about his time at MSU, and the long, successful career that followed, he sounds just like any other proud alumnus. And he is, except for one major detail: he's blind. But it's clear that he never let that slow him down.

When he first arrived on campus, a large, tactile map—in book form—helped him navigate buildings and sidewalks. "I was never too hesitant about going out on my own and getting around," Fowler says. "It's a large campus, with a lot of people, but that meant I was never too far from someone who could point me in the right direction if I got turned around."

He majored in electrical engineering, mixed in some computer science courses, earned a master's degree at Stanford, then spent his career working in software development, system administration, and operating system research at various companies in the San Francisco area before retiring in 2003.

Fowler found great satisfaction in his work, especially the direct interaction with users of the products he helped create. "It was incredibly satisfying to see what people were doing with the products, and how we could make the products better by understanding the users' needs," he says.

Fowler finds the same satisfaction in giving back to MSU, and especially in giving back to the RCPD. He knows first-hand the kind of challenges students with disabilities face—especially those with visual impairments—and he's aware of the center's efforts to help eliminate the stress of those challenges, both in the classroom, and on campus. Fowler has long supported those efforts, and in 2014 he decided to maximize his impact by creating the Emerging Opportunities Fund at the RCPD, which provides expendable funding for the center's most immediate needs.

That includes things like the MSU Guide App, a mobile app that allows users to point their device at a building or structure and have the device identify it audibly—a far cry

from the days of lugging around the tactile map book as Greg Fowler did in the 70s.

Donor support also makes possible low-tech but equally essential items like 3-D models of textbook illustrations—created by students in the College of Engineering to help classmates understand the visual figures that do not translate effectively into Braille.

"Greg has a first-hand awareness of how important this work is. We don't always know what the next great idea is going to be, or what the next impromptu student need is going to be. The fund he's created gives us the ability to meet immediate needs and make great ideas a reality," Hudson says.

For Fowler, it truly is personal. "Having a good education, and having the opportunity to gain that education, is the reason I was able to do all the things I've done. And I think it's important that current and future students have the same opportunity to receive the education that they deserve. You want to be able to work on your education, and have your decision to come to MSU be based on your abilities, not on your disabilities."

.....
For more information on making a gift to the Resource Center for Persons with Disabilities, contact Senior Director of Development Jennifer Bertram at bertram9@msu.edu or call (517) 432-7330.



A GIFT WORTH A THOUSAND WORDS

Marshall Mathers Foundation and Carhartt help MSU Community Music School in Detroit create Verses, to teach kids literacy through music education.

by Devon Barrett

Growing up, Marshall Mathers—known in most circles as Eminem, one of the best-selling hip-hop artists of all time—was a Detroit kid who had a fascination with words.

In a 2011 interview with Anderson Cooper on *60 Minutes*, the rapper admitted that he used to read the dictionary for fun. He wanted to have as many words as possible at his disposal, to use whenever he needed them. They ended up becoming his most valuable resource.

His talent as a wordsmith earned him multiple Grammy wins, an Oscar for best original song, sold out concerts, and the launch of his own record label. Through it all, the pride Eminem has for his city has remained an inextricable thread in his craft.

His pride is evident in the philanthropic pursuits of the Marshall Mathers Foundation, which provides funds to support organizations that work with at-risk youth, in Detroit and throughout Michigan.

A Harmonious Partnership

Last year, Eminem and Carhartt collaborated with Nike's Jordan brand to create ten pairs of ultra-limited-edition Air Jordan sneakers, which they sold in an international online charity auction that netted more than \$201,000.

In a move true to their Detroit roots, their interest in music, and the mission of the Marshall Mathers Foundation, Eminem's manager and business partner Paul Rosenberg ('93, Social Science), sought out MSU's Community Music School in Detroit (CMS-D) to explore a way the funds could be used to support the youth of Detroit.

Thanks to the gift, the Verses program at the CMS-D was launched in February, 2016. The program will teach the fundamentals of literacy through song and lyrics—enriching the lives of young people through music, while also helping to address the critical issue of Detroit's low literacy rates.

Learning Literacy by Making Music

The inaugural 15-week Verses course began in February with 35 students, ages 12 to 15, who were recommended by public schools, family service agencies and shelters across the city. The students are being mentored in hip-hop, spoken word poetry and music technology by a faculty that includes a professional poet and Fulbright scholar, an acclaimed Detroit techno artist, a folk singer and a recording engineer.

To develop the program's curriculum, MSU faculty members drew on their specialties, as well as their experience working in urban school districts. Lessons in songwriting, mixing, critical listening, recording and performance will serve as a vehicle to teach new skills in reading, writing, communication and critical thinking. Put together, these skills will help the students develop new ways of expressing themselves creatively, critiquing the world around them, and collaborating with one another in pursuit of positive results.

"Songwriting as a medium allows students to speak to their own realities and provides a profound opportunity for youth to talk about their position in the world," says Juliet Hess, assistant professor of music education in the College of Music. "It's a medium they're comfortable with, and this class is a way to teach them important skills by meeting them where they are."

Hess and Vaughn Watson, assistant professor of teacher education in the College of Education, also see Verses as an opportunity to study this unique approach to literacy education, and use their findings to expand the course. They hope to accommodate more students in the fall, and make the curriculum available to educators in K-12 public schools in the near future.

Considering Mathers' path to success, paved with the words he consumed as a kid, it's likely that the next generation of wordsmiths are sitting in Detroit's classrooms right now. And chances are, Verses is the opportunity they've been waiting for: to learn how to harness the power of words and use them to pave a path of their own.

For more information on making a gift to the College of Music, contact Associate Director of Development Ann Marie Lindley at alindley@msu.edu or call (517) 432-4889.



Melanie Cooper, Lappan-Phillips
Professor of Science Education
discusses new projects with her
research team.

FAST FORWARD

*How endowed faculty chairs put
discovery and innovation in motion*

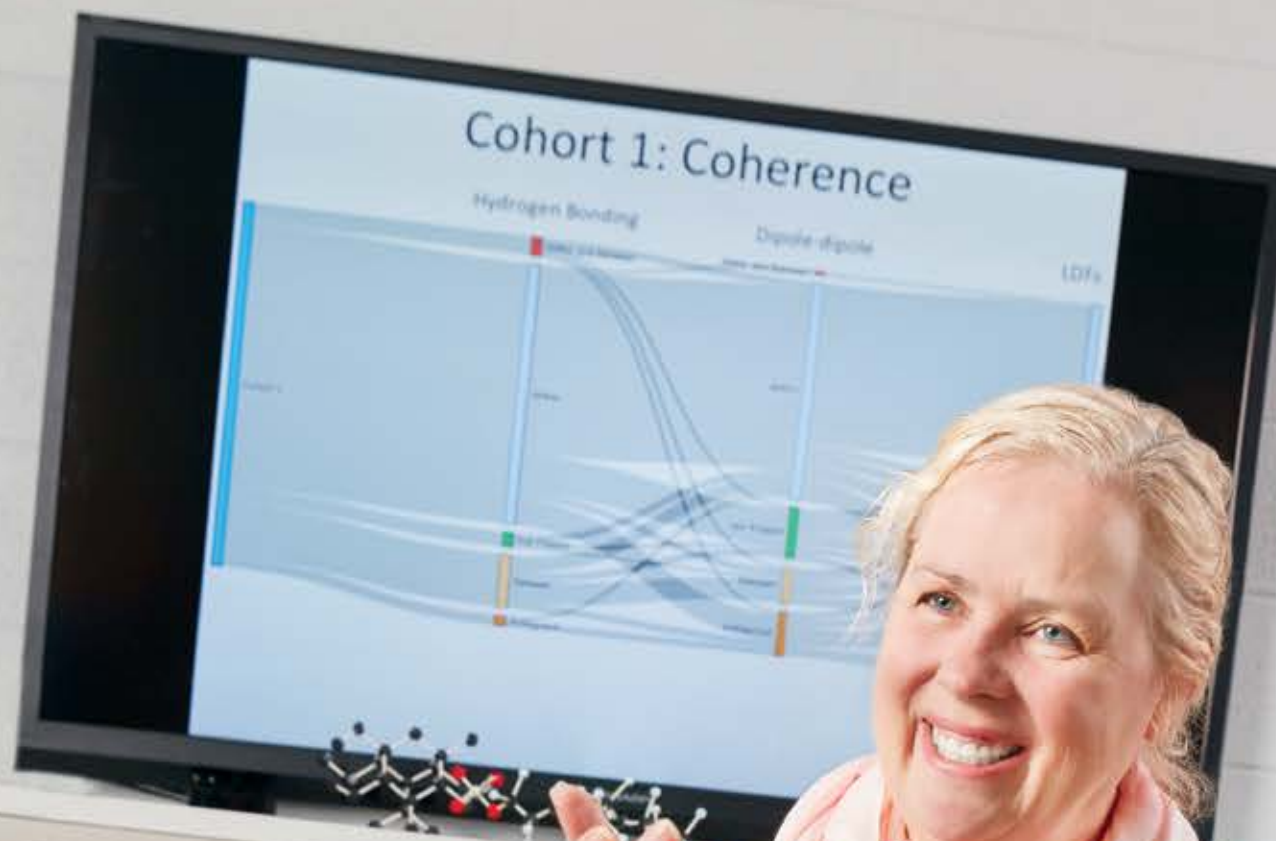
by Lois Furry

So much has been said about endowed faculty chair positions in the *Empower Extraordinary* campaign, you probably know this already: endowed chairs distinguish top faculty. But, as you might suspect, the impact of these positions goes far beyond a title.

Endowed chair holders are established leaders who squarely look the world's most vexing problems in the eye and see a way through. Their vision, work and success—buoyed by the consistent funding an endowed chair position provides—build the academic capital that draws in other excellent faculty as research collaborators and partners. The brightest students are drawn in as well—and inspired to go out to do the same.

It safely can be said that endowing a chair is one of the most profound investments anyone can make toward creating a better future.

“Being able to offer endowed chairs helps us compete for top talent and to support the culture of excellence that today's challenges demand,” President Lou Anna K. Simon says. “We are tremendously grateful for our donors' support in building a foundation for achievement that will sustain and elevate our reputation as a global knowledge leader for generations to come.”



Sequence
Reaction
Assignment (Spont)
Explanation
Model
Reason
Configuration
Single CO₂, spontaneous
Alone/Ally
Configuration
d Carbon /acid
Lamination /inhibition
aromatic
Phase Change
defunctional

Breakthroughs in STEM education

To truly appreciate the impact of endowed chairs, consider MSU's involvement in science, technology, engineering and math (STEM) education. MSU long has had an outstanding reputation in conducting research on STEM learning and applying the results. The addition of endowed chair positions is taking this area of strength to new heights, precisely at a time when the national need for scientifically literate citizens and workers has never been greater.

It started with Professors Emeriti and donors Glenda Lappan and Elizabeth Phillips.

Lappan and Phillips, along with colleague the late William Fitzgerald, were math education leaders who recognized that teaching methods and materials for middle schoolers were “woefully inadequate at capturing the imagination of students.” They also saw the need for the critical thinking skills STEM education provides. Researchers with a capital “R” but also practitioners, they visited middle schools throughout Michigan and beyond to diagnose, understand, design and field test better ways to engage students with math.

The result was the Connected Mathematics Project (CMP), a curriculum now used by approximately 30 percent

of all middle schools in the United States. First published more than 20 years ago, the third edition of the curriculum, CMP3, was released in the fall of 2013. It is still the single, most widely used mathematics textbook in America for students in grades 6-8 and has an unmatched record of success.

Lappan and Phillips gifted their portion of the royalties to establish the Connected Mathematics Project 2 Fund at MSU which already has grown to support two faculty chair positions.

Now standing on the shoulders of Lappan, Phillips and Fitzgeralds' work are Joseph Krajcik and Melanie Cooper, both Lappan-Phillips Professors of Science Education.

Krajcik is director of the CREATE for STEM Institute, a collaboration between the colleges of Natural Science, Education, Engineering and Lyman Briggs College, that seeks to improve teaching and learning of science and mathematics through innovation and research. Cooper is a professor of Chemistry who is also an integral part of the institute. Both are at the forefront of science education.

A powerful recruiting tool

Cooper, who joined the MSU faculty in 2013, came from Clemson University where she easily might have finished her career. But in 2012 she found herself suddenly mobile—and highly sought after—when her husband retired early. Already working with Krajcik on a national initiative to develop the Next Generation Science Standards, she knew firsthand the quality of the work being done at MSU. But a few other places, including some in warmer climates, could claim quality as well. In the end, it was the endowed chair position that won her over.

“I was really honored that an endowed chair was offered to me. It does make a difference, because it means you will have support for what you do,” she says. “That means a lot.”

Krajcik came to MSU in 2011 after 21 years at the University of Michigan and became an endowed chair in 2015.

MSU Provost June Pierce Youatt says: “It isn't so hard to recruit and retain the best in the country when you have the backing of the community and the backing of donors who are willing to help endow chairs. The



Glenda Lappan (left) and Elizabeth Phillips, former MSU math education professors who gifted royalties to create an endowment, now funding two faculty chair positions at MSU.



Joseph Krajcik, Lappan-Phillips Professor of Science Education and director of the CREATE for STEM Institute at MSU.

opportunities still would be here, but to get the attention of the best you need to express the seriousness of your commitment.”

Innovation incubators

As typically happens with endowed chairs, Cooper came with funding; in her case a National Science Foundation grant to explore new ways to improve learning in a general Chemistry course. So it wasn't long before she made her mark on MSU.

Krajcik and Cooper, along with other MSU colleagues, believed that the strategies first put forth by Lappan and Phillips in K-12 education could be used to improve learning in STEM during the first two years of college.

“We want students to develop a deep understanding of core ideas they can build on and put to use, not just facts they can regurgitate,” says Cooper. “This is starting to happen for younger students and there's no reason it should stop at 12th grade.”

One of their targets was MSU's introductory chemistry course, CEM 141, a challenging requirement for STEM majors that makes walking away with usable knowledge sometimes daunting. Cooper, along with course instructors, transformed the course. It now incorporates user-friendly technology including beSocratic, a flexible, web-based system that recognizes and responds to free-form student input, and iClickers, that encourage students to interact in the classroom while instructors assess their learning in real time.

Another initiative, this one to create a model for teaching science to elementary students, while also improving students' skills in math, reading and writing, has been funded by a five-year, \$5 million grant from Lucas Education Research, a division of the

George Lucas Educational Foundation. The project aims to bring the benefits of project-based learning, an approach that encourages kids to explore real-world problems, to more classrooms throughout the nation. Krajcik is leading colleagues from MSU and the University of Michigan to design and develop materials for grades 3 and 4.

“We are poised to be leaders in improving the teaching and learning of STEM from kindergarten through college graduation,” says Krajcik. “We have international grants, grants with other institutions, and private support which is helping us be the place where great ideas can come to fruition.”

Thought Leaders

Endowed chair holders are sought after as keynote speakers at national and international conferences, to serve as visiting professors at prestigious universities, and as collaborators on research projects at other research institutions. At the same time, leading scholars and postdoctoral researchers are attracted to the institutions where the endowed chairs work. This helps everyone learn more as well as spread the word about methods and findings.

“You can be doing great work, but if no one knows about it, it isn't helping,” Krajcik says.

Having the cover article in your field's flagship publication is one way of spreading the word. Cooper did that recently, along with co-author Michael Klymkowsky with the publication of “Chemistry, Life, the Universe, and Everything: A New Approach to General Chemistry and a Model for Curriculum Reform” in the *Journal of Chemical Education*. Krajcik, Cooper and other MSU

colleagues also made their argument for transforming how and what is taught in introductory sciences courses in a Perspectives paper in the October 16 edition of *Science*, one of the world's preeminent science research journals.

Meanwhile, the applications for postdoctoral positions are rolling in, Krajcik says.

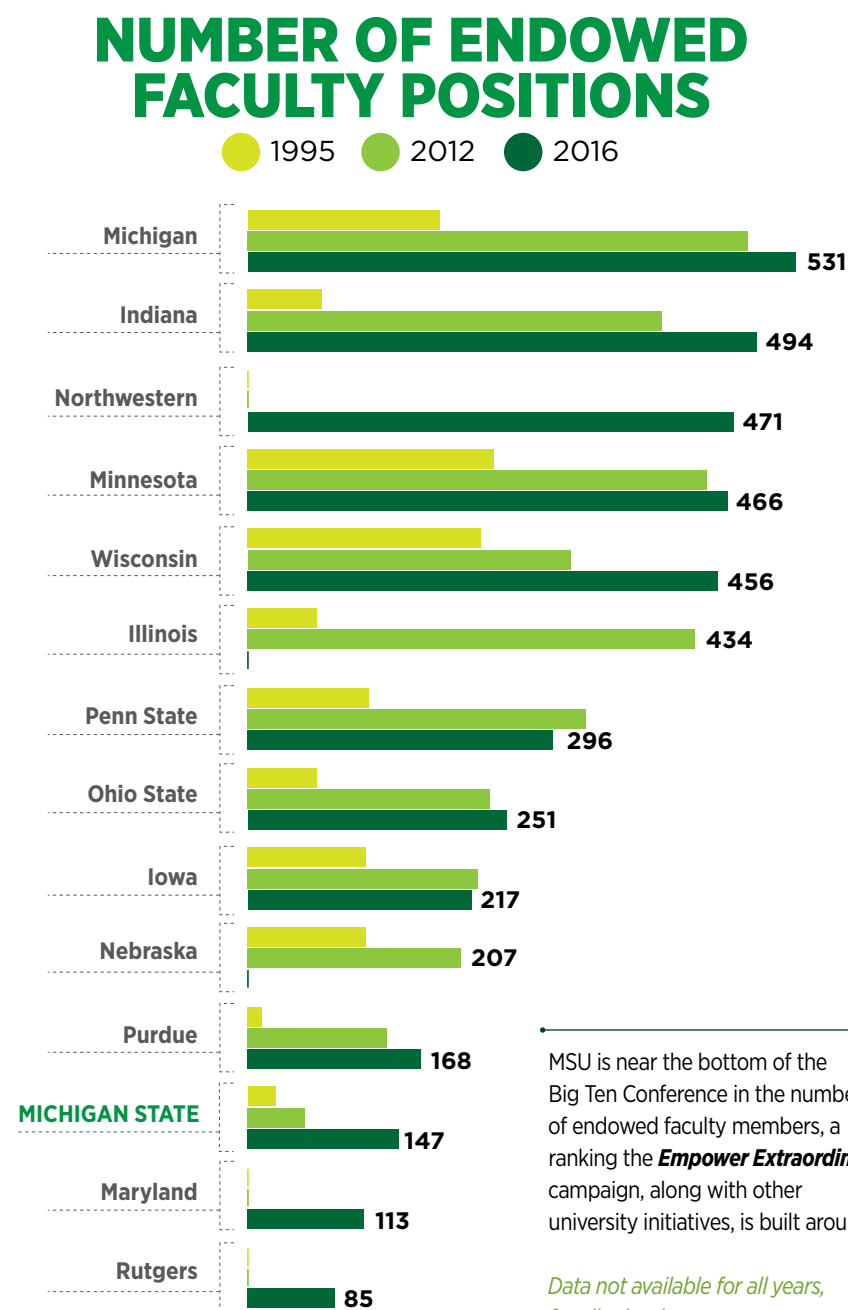
“You want to work at a place where there are other good people, who are as passionate as you are,” explains Krajcik. “The opportunity to work with others who are also passionately involved and interested really drives your day.”

Where will the future lead?

Cooper sees a future where MSU and other major universities will have put in place sustainable and flexible courses and materials across the gateway courses with methods to continuously put new learning back into them. Krajcik sees that and more, with MSU playing a leading role in meeting the national and international needs for creating a strong STEM workforce and populace.

They are dreams that Cooper and Krajcik know something about achieving. Because they already have a record of achievement that isn't about just moving the needle on a challenge; it's setting the stage for a future in which the needle is no longer needed.

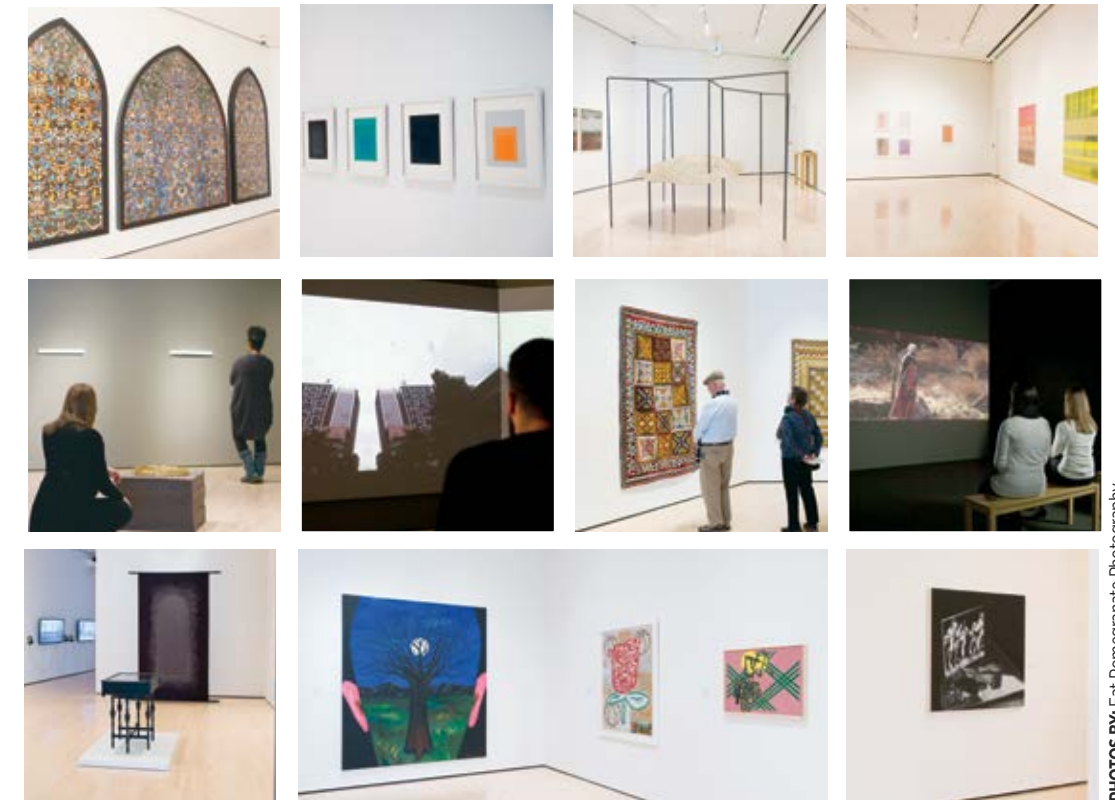
For more information on making a gift to support faculty, visit go.msu.edu/endowed-faculty.



THE ART of Giving

by Devon Barrett

Support from the John and Susan Berding Family Foundation Endowment gives MFA students' final projects a chance to shine.



PHOTOS BY: Eat Pomegranate Photography

The John and Susan Berding Family Foundation Gallery, named in honor of the Berdings' support of the Broad MSU, has played host to a diverse array of artwork by artists from around the world.

JOE WILKINSON - CERAMICS
Wilkinson is a ceramic sculptor, whose twisting, abstract forms made of ceramic coils illustrate the idea of self-awareness, and the ways humans experience growth in a finite existence. After he finishes his MFA, he'll be moving across the country to Seattle, where he hopes to build a business that involves art and community building.



RACHEL ALLEN - PRINTMAKING

For the show, she created inflatable Tyvek forms that represent the idea of a landscape, the partitioning of space within it, and the way people determine where they do and do not belong. Upon completion of her MFA degree, she'll be pursuing a second master's degree in the new Arts and Cultural Management program, and will continue working as a student employee at the Broad MSU.

For students in the MFA program in MSU's Department of Art, Art History, and Design, the Master of Fine Arts Exhibition at the Eli and Edythe Broad Art Museum at Michigan State University is a culmination of three years spent researching, reflecting and developing their artistic identities.

The juried exhibition is made possible through the support of donors like John and Susan Berding of Cincinnati. They wanted to make a gift in honor of John Berding's twin brother Tom Berding and sister-in-law Alisa Henriquez, who are both currently associate professors of painting in the Department of Art, Art History and Design. So they created the John and Susan Berding Family Endowment, which helps facilitate logistical aspects of the show, and also supports the MFA Prize, awarded each year to an outstanding candidate of the juror's choosing.

"Donors have made this whole museum possible, but their support is especially important for programs like this," says Steven Bridges, assistant curator of the Eli and Edythe Broad Art Museum, and curator of the MFA Exhibition. "The Berdings' support of the MFA Exhibition allows us to give these new up-and-coming artists the experience of displaying their own work in the same museum that houses work by the great modern and contemporary artists of our time."

Rachel Allen, Dave Johnson, and Joe Wilkinson are three of the MFA candidates whose work was on display. Though each of their

mediums are very different, their feelings on the Berdings' support, and the opportunity it has given them to display their work at the Broad MSU are the same.

"It added a degree of pressure," Johnson says. "Knowing that our work was going to be on display here was a little intimidating, but it also helped me force myself to determine what my work means to me, and what I hope people will get out of it."

Allen and Wilkinson agree, citing the resume-building benefits of working with a curator on a set schedule, learning the intricacies of installing their pieces at a professional level, and having photographic documentation of their work on display in a setting as unique and dynamic as the Broad MSU.

"It's one of our most packed nights at the museum," says Allen, who also happens to work at the museum. "Everyone from the program comes. Families come. The public comes. And it's really fun to just celebrate having the opportunity and the experience. Just having the whole thing facilitated is amazing."

It's certainly inspiring, too. "I think we all hope our work will be back here someday," she adds. The MFA students form a close-knit cohort—it's hard not to be in a discipline like art, which is as personal as it is revealing—and their excitement for the winner of the MFA Prize will be genuine. "We all know how hard we've worked, and how much of ourselves we've put into it," Wilkinson says. "And we're all aware of the student loans we'll have to pay back. There is no set, established salary as an artist, so each of us has a need for that next bit of money to move forward and to help establish ourselves in our next spot. The Berdings' support is a huge gift, and the fact that it is here for us year in and year out is really special."

For information about making a gift to the Eli & Edythe Broad Art Museum at Michigan State University, contact Director of Development Douglas Moffat at moffat@msu.edu or call (517) 884-4816.



DAVE JOHNSON - PAINTING

Through a series of large-scale abstract paintings, Johnson's work explores the paradoxical relationship between humans and conflict. Do the paintings actually contain hidden images? Maybe. That part is up to the audience's imagination. While pursuing his MFA, he was a teaching assistant in drawing and color design and has decided to pursue teaching—in addition to making art—after graduation.

GOING *the* DISTANCE

Partnerships near and far empower community

by Lois Furry



IN RURAL TANZANIA, THE RESIDENTS OF THE MILOLA AND NAITOLIA VILLAGES FACE A LONG, HARD ROAD TO MOVE FROM SUBSISTENCE TO PROSPERITY. BUT THEY ALSO KNOW THAT TOUGH TRIPS GO EASIER WITH A PARTNER.

Diane Ruonavaara, the Tanzania Partnership Program Director at MSU, might not think of herself as a marathon pacer for Milola and Naitolia. Yet she does help people envision the finish line, and she serves as a beacon that lets all know Michigan State is in it with them for the long haul.

The villages are partners in the Tanzania Partnership Program (TPP) which is the first initiative of the Partnership for Sustainable Community Development (PSCD), a long-term collaborative alliance of local and international organizations dedicated to improving local livelihoods. PSCD's goal is to promote resilience in communities that also model ways of achieving sustainable prosperity.

Karen A. ('63, Education) and Gerald (Jerry) A. Kolschowsky, an alumnus of Iowa State University, are the co-founding benefactors for PSCD and TPP as well as the Gerald A. and Karen A. Kolschowsky Foundation, now led by their son, Tim Kolschowsky. Karen is a former teacher and Jerry, who is retired, was formerly the chairman and co-chief executive officer of OSI Industries, LLC, a global food company. The family is deeply committed to doing all that they can to overcome hunger and poverty in the world.

"We wanted to help the neediest people around the world to become stronger and more resilient," explains Jerry Kolschowsky. "MSU has a long history of work in Africa in critical issues like food security, nutrition, education, health and community development. It seemed like a perfect partnership for us, MSU and the communities in Tanzania, to all work together to enhance their resiliency and sustainable livelihoods."

Setting the Pace

Tanzania made an ideal location for the first PSCD program based on need, potential for success, university experience in the region and an array of engaged partners, including Tanzanian universities and a strong development network. The villagers are learning new ways to work together, to build partnerships with governments and other organizations and, ultimately, to have the ongoing capacity to respond to new opportunities that will improve their lives.



MSU and its partners also are learning. The program is expanding knowledge to solve insidious problems in education, water access and quality, human and animal health; and to maximize the role universities play in transforming communities and to expand research to identify and refine future activities.

There are many markers of success. But some of the most dramatic improvements can be seen in local schools.

Back in 2009, school attendance and pass rates were low. When children did come, they were met with buildings in need of repair, discouraged teachers in need of more training and few resources for learning. Often, they came to school hungry. By 2015, TPP had provided several rounds of teacher and school leadership training, supplied key teaching aids, and supported school farm and feeding programs that were providing meals to more than 2,000 children. TPP also worked with the local communities to repair or build new school structures, including playgrounds, food storage facilities and kitchens. Today, these schools have some of the highest pass rates in the district.

Access to clean water has been another pervasive challenge in the villages. Back in 2009, Naitolia women would

commonly walk nine miles or more to fetch water, or use contaminated water, unsafe for drinking. In Milola, a 25-year-old water system had broken down. By 2014, with TPP support and work with local government, water was reaching Naitolia's school and all but one sub-village.

The health of livestock due to ticks and a high incidence of zoonotic diseases—transferred from animals to humans—was yet another major barrier to community prosperity. In 2013, TPP worked with the Naitolia community to construct a cattle dip to treat animals for ticks. Additionally, four community members were trained to operate the dip as para-veterinarians. Today, the dip is treating more than 34,300 animals annually and is generating funds to sustain its operations.

The 2015 TPP annual report highlights more successes, in schools, school farms, prenatal health initiatives, animal health and expanded water systems. Ruonavaara can tell you how the communities are taking responsibility for change and maintenance and creating new opportunities for bright young people.

But some days, just one story makes success abundantly obvious. The day the MSU TPP team brought a poster and a faculty nurse to Naitolia was one of those days.



Baby steps

The poster outlined the seven danger signs during pregnancy. MSU Nursing Professor Patty Peek found it in an online poster contest. Ruonavaara tracked down the artist in Australia, and worked with him to adapt and translate it to Kiswahili and Maasai, the native language. Most Naitolia mothers deliver at home with traditional birth attendants, who, while experienced with child birth, have no medical training. The nearest clinic is a six mile walk away; never practical and, in cases when home deliveries do not go smoothly, too often the decision to go comes too late.

Peek, now professor emeritus, shared the poster with midwife and doctor from the nearest clinic. They then presented the poster at a special "Tea with the Midwife" village meeting sponsored by TPP to better educate the community on safe deliveries.

Later that evening, a young woman in labor and two traditional birth attendants traveled the distance to the clinic. The attendants had talked over the danger signs they learned about that day and realized their charge, who was hemorrhaging

Tanzania, gained first-hand insight on putting community development theory into practice. They researched animal health with community members, interviewed girls and women about reproductive health, completed research on water scarcity and safety, and educated school children on the relationship between drinking clean water and health.

Clare O'Kane, a senior in comparative culture and politics, was one of the Kolschowsky Scholars.

"Tanzania changed the course of my life, and opened my heart to new people and cultures I never could have guessed would grow to be so important to me. My future in development is more informed, and my future as a global citizen will be ever more loving and understanding than it could have been before," she says

Investing in progress

To date, the Kolschowskys and their Foundation have committed nearly \$15 million toward the TPP and the Study Abroad program.

Senior Clare O'Kane went to Tanzania with the Tanzania Partnership Program, a privately-funded initiative that uses research to address issues faced by the people living there.

Watch the video:
<http://go.msu.edu/Tanzania>



heavily, needed more help than they could provide. Without that poster and the program, this young mother would have delivered at home, putting both mother and child at risk of death.

The grateful mother named her baby in honor of that day and one of the MSU/TPP village partners: Patty.

"This is why I do this work," says Ruonavaara.

A starting block for future leaders

In 2013, the TPP added a Study Abroad program for MSU students. In 2015, six students from MSU, along with six students from

Steven Hanson, associate provost and dean of International Studies and Programs at MSU notes, "Having financial support for students that will offset the enormous expense of this type of international experiential learning opportunity is invaluable. The student experience aside, what we have been able to accomplish in these villages to transform the resiliency and livelihoods of those living there is incredibly powerful. The Tanzania Partnership Program highlights MSU's world grant values, and while we have accomplished much, we also know, with the enormity of the problems, there is so much more to do!"

For more on how you could make a gift or also have an impact in Tanzania or other international programs, contact MSU International Studies and Programs Senior Director of Development Angha Childress at angha@msu.edu or call (517) 432-9183.



Drayton McLane at the Empower Extraordinary Texas Impact event in Dallas.



FROM JULY 1, 2011 **\$1,154,387,794** **TO** APRIL 30, 2016
BILLION DOLLARS RAISED
TOWARD A **\$1.5** BILLION GOAL

<p>\$250.8M (72%)</p> <p>A FORCE FOR CREATIVITY, DISCOVERY & LEARNING</p>	<p>\$321.1M (80%)</p> <p>AN ENGINE OF OPPORTUNITY</p>	<p>\$215M (72%)</p> <p>A GLOBAL PROBLEM SOLVER</p>	<p>\$367.5M (82%)</p> <p>A VIBRANT COMMUNITY</p>
---	---	--	--

“MICHIGAN STATE HAS A REALLY GREAT SPOT IN MY HEART. IT PREPARED ME FOR LIFE. I HAVE THOUGHT MANY TIMES WHAT MY LIFE MIGHT HAVE BEEN IF I HADN'T HAD THAT EXPERIENCE.”

DRAYTON **MCLANE** ('59, MBA, ELI BROAD COLLEGE OF BUSINESS)

244,746
DONORS

SUPPORT IS COMING FROM DONORS ALL OVER THE WORLD, FROM THOSE WHO SEE THE VALUE OF MICHIGAN STATE UNIVERSITY IN THEIR COMPANIES, THEIR CLASSROOMS AND THEIR COMMUNITIES.

\$467 MILLION RAISED FOR ENDOWMENTS

- \$406 MILLION** FROM 112,897 ALUMNI
- \$66 MILLION** FROM 10,760 MSU FACULTY AND STAFF MEMBERS
- \$257 MILLION** FROM 123,138 FRIENDS
- \$489 MILLION** FROM 8,711 CORPORATIONS, FOUNDATIONS AND OTHER ORGANIZATIONS

ENGINEERING A NEW PROFESSORSHIP

\$1.7 million real estate gift to advance chemical engineering

Michigan State University's ability to advance the fields of chemical engineering and materials science will be enhanced with a real estate gift appraised at \$1.725 million, which will subsequently be sold to support the College of Engineering.

An endowed faculty position and scholarship will be created through the gift from Craig A. Rogerson, chairman, president and chief executive officer of Chemtura. He is a 1979 chemical engineering graduate of MSU.

"I have an appreciation for and have been impressed with the work going on at Michigan State, especially in the College of Engineering," Rogerson says. "I see the need for more classically

trained chemical engineers in the industry, so I see this as a real opportunity to get the best and brightest back into chemical engineering."

Rogerson's gift is based on the sale of real estate he owned in southern New Jersey. Rogerson, who lives with his wife Irene, in Bay Harbor, Michigan, and Philadelphia, donated the property to MSU to establish the endowed faculty position and a new scholarship fund.

"I am grateful to Craig for his generous gift of real estate," says President Lou Anna K. Simon. "It will result in a valued contribution to our *Empower Extraordinary* campaign goal of creating 100 endowed faculty positions. His gift will enable the College of Engineering to create a brand-new position and immediately begin its search for a professor of the highest caliber to fill it."

Leo Kempel, dean of the College of Engineering, says the addition of another endowed faculty position represents the seventh new position in the college during the *Empower Extraordinary* campaign.

"Endowed faculty positions are among the most generous gifts donors can provide the college," he says. "They not only ensure excellence in higher education and teaching, but they contribute to the university's growth and innovation. I am very grateful to Craig for his generosity."

This gift of real estate is a great example of how donors can consider a wide range of assets they have at their disposal when making such a significant investment in MSU, notes Bob Groves, vice president for University Advancement.

"MSU carefully considers the marketability and liabilities associated with gifts of real estate before they are accepted, and we have a process to do that," Groves says. "In this case, a gift of appreciated real estate provided a great vehicle to make a larger gift that otherwise might not have been possible."

To date, the College of Engineering has raised nearly \$50 million of its \$80 million *Empower Extraordinary* campaign goal.

Chemtura is a global specialty chemicals company listed on the New York Stock Exchange and Euronext Paris, with leading positions in transportation, energy and electronics, building and construction, and other diversified markets.

Rogerson joined Chemtura in December 2008 after serving as president, CEO and director of Hercules Inc.

He currently serves on the board of directors of PPL, where he chairs the Compensation, Nominating and Governance Committee and sits on the Audit Committee. He is also on the American Chemistry Council board, and serves as treasurer on the Society of Chemical Industry board. In addition, he serves on the advisory board of the MSU Department of Chemical Engineering and Materials Science.

.....
For more information on making a gift to the College of Engineering, contact Associate Director of Development Jeremy Wittrock at wittrock@msu.edu or call (517) 355-8339.



Craig Rogerson gifted a \$1.7M property to create an endowed professorship.

A GIFT FOR FUTURE LAWYERS

MSU Law Trustee's gift will help law students

A non-grantor charitable lead trust to benefit the College of Law has been established by College Trustee Mike Morris and his wife, Linda. This creative charitable giving vehicle will provide, over the next twenty years, \$1 million in scholarship support and funds for initiatives identified by the dean.

Morris, an alumnus of MSU Law, joined the MSU Law Board of Trustees in 2010, and in 2011 he created the Morris Family Scholarship. In 2014, Morris received the Honorable George N. Bashara Jr. Distinguished Alumni Award at the College of Law spring commencement.

Morris was an evening law student, working during the day

to support his education. So he understands the importance of providing financial assistance to those who need it.

"We're grateful to Mike and Linda for their support of MSU Law students," says MSU President Lou Anna K. Simon. "Mike's leadership on the MSU Law board has been exceptional, and his storied career will continue to inspire the future lawyers who will benefit from the Morrises' generosity."



College Trustee Mike Morris and his wife Linda, utilized a charitable lead trust to support the College of Law.

Morris served as chairperson, president and CEO of American Electric Power from 2004 to 2011. He has also held top positions at several other major utility companies. Currently, Morris serves as a director of the boards of Alcoa, Battelle, Limited Brands, The Hartford Financial Services Groups and Spectra Energy Corp.

With this most recent donation, the Morrises now join the John J. Danhof Society, the highest donor club at MSU College of Law.

Charitable lead trusts can provide an annual stream of income to a charity for a defined period of years, after which trust assets are returned either to the donor, as in a grantor lead trust, or to heirs such as children or grandchildren, through a non-grantor charitable lead trust. To date, the College of Law has raised more than \$18 million in the *Empower Extraordinary* campaign, with more than \$4 million in gifts for student support.

.....
For more information, or to make a gift to the MSU College of Law, contact Senior Director of Development Tina Casoli at casoli@law.msu.edu or call (517) 432-6840.

TWO GIFTS, TWO GREAT CAUSES

\$2.5 million gifts establish business professorship, support basketball



John and Becky Duffey, both Michigan State University graduates, are donating \$2.5 million to support MSU Athletics and the Eli Broad College of Business.

An alumni couple's \$1 million gift to MSU's Eli Broad College of Business will be used to create a named professorship in the School of Hospitality Business, and a \$1.5 million gift to Michigan State University Athletics will help construct a basketball hall of history and other improvements at Breslin Center.

The gifts are pledged by MSU alumni John Duffey and Becky Duffey. John Duffey is the recently appointed president and CEO of Six Flags Entertainment Corp., the world's largest regional theme park company.

"MSU Athletics has meant a lot to our family and we are excited to have the opportunity to support MSU basketball. We also are pleased to support the business college with a named professorship. It is vital in this challenging and competitive environment for alumni to step up and give back to Michigan State University," said John Duffey, who received a bachelor's degree in accounting in 1982. "As proud alumni and parents of a current MSU student, we understand that attracting and retaining the best educators is key to attracting and developing the next generation of business leaders."

John and Becky Duffey previously have provided significant support to MSU Athletics including a \$1.5 million gift to upgrade the football practice facilities, now called the John and Becky Duffey Football Practice Field. In addition, they provide support as members of the Athletic Director's Campaign Leadership Council, a group of leadership donors and campaign volunteers from around the country.

"This campaign will help transform MSU Athletics and John and Becky are again leading the way, showing how private support can help our coaches attract the best and brightest student-athletes. Fundraising momentum for the Breslin Center renovation continues to build and when it's completed will be one of the finest facilities in the country," says Athletics Director Mark Hollis.

John Duffey and Becky Duffey, a 1982 graduate in medical technology, are strong supporters of educational causes and foundations that support children with autism

and other developmental disabilities. They also serve on the campaign board for the Broad College of Business.

"John and Becky epitomize what it means to be a Spartan," says Sanjay Gupta, Eli and Edythe L. Broad dean of the business college. "They are extremely generous philanthropists, they are leaders in our community, and they are humble and gracious in all that they do. Their investment shows confidence in the work of the College of Business and will allow for the top-ranked hospitality school to continue its tradition of having the best professors in the business."

MSU is seeking to establish 100 new endowed chair positions in order to retain and attract the next generation of faculty through the *Empower Extraordinary* campaign. To date, the College of Business has raised more than \$105 million in the campaign, with \$15.3 million dedicated to create endowed faculty positions.

Through *Empower Extraordinary*, MSU Athletics seeks to raise \$262 million in support of building championship-level facilities, increasing its endowment and elevating annual gifts. The Duffeys' gift is the twenty-first gift of at least \$1 million to MSU Athletics since the start of the campaign.

"John and Becky Duffey are leaders in providing the means for MSU Athletics to continue its pursuit of excellence and in helping the university boost our impact with an endowed faculty position," MSU President Lou Anna K. Simon says. "Our faculty and facilities are essential assets, and we are grateful to the Duffeys for their generosity, which will help build momentum in athletics and capacity for innovation in the School of Hospitality Business."

For more information on making a gift to the Eli Broad College of Business, contact Associate Director of Development Mary Gray at grayma@msu.edu or call (517) 432-9472.

For more information on making a gift to MSU Athletics, contact Senior Director of Development Chuck Sleeper at sleeper@ath.msu.edu or call (517) 432-4611.

ACCESS for all

MSU College of Nursing senior Sarai Garcia came to MSU through MSU CAMP, a unique program that brings students with migrant or seasonal farm work backgrounds to MSU for undergraduate education.

Sarai wondered how her expenses like books would be paid. She learned about the college's ACCESS Program—thanks to the generosity from multiple donors—which offers social connectivity, academic resources via mentors, and financial support to eligible students.

"The ACCESS Program came along at just the right time," Garcia said. "And knowing that the support would be there was like a weight being lifted off my shoulders."

For more information on making a gift to the College of Nursing, contact Director of Development Eric Sturdy at sturdyjr@msu.edu or call (517) 432-1187.



Learn more about Sarai's extraordinary experience at go.msu.edu/garcia

Now you know

The work you do to advocate on behalf of Michigan State is critical for recruiting and retaining outstanding students and building our network of Spartans across the country and around the world. All alumni, donors and friends of MSU can point with pride to the many strengths of our university.

MSU Scientist Awarded World's Top Water Prize

Joan Rose, a global water science expert and the Homer Nowlin Chair in Water Research, is the 2016 recipient of the Stockholm Water Prize. Rose is recognized for her research on microbial risk to human health in water, her successful translation of the science to policy makers, and for her leadership in developing the tools and guidelines required to give policy and regulatory life to the science.

#1 for 22 years

U.S. News & World Report ranks the College of Education's graduate programs in elementary and secondary education No. 1 for the 22nd year in a row. MSU is widely known for making an impact on K-12 education through its collaborative research, teacher preparation program and service to schools and communities.

Reducing Environmental Impact

MSU is no longer burning coal in its on-campus power plant, a move that is significantly reducing emissions from the plant as well as advancing the university's Energy Transition Plan. For more information, visit energytransition.msu.edu.

Upcoming Events

Watch your mail and email for more information on upcoming events. For more details, call (517) 884-8000 or visit givingto.msu.edu/events

Unless otherwise noted, these events take place in East Lansing, Michigan.

MSU at the Traverse City Film Festival
July 24, 2016
Traverse City, MI

President's Brunch
September 24, 2016

MSU Homecoming 2016 Grand Awards Gala
October 13, 2016

Homecoming Parade
October 14, 2016

Green & White Brunch
October 15, 2016

EMPOWER EXTRAORDINARY CAMPAIGN EVENTS
Celebrating MSU's mission in cities across the USA

September 27, 2016
San Francisco, CA

November 9, 2016
New York, NY

GREEN AND WHITE EVENINGS
Highlighting the excellence of MSU students and faculty

June 22, 2016
San Jose, CA



Developments

University Advancement
University Development
Spartan Way
535 Chestnut Road, Room 300
East Lansing, MI 48824

Non-Profit Org.
U.S. Postage
PAID
Lansing, MI
Permit #249



CONTINUING TWO LEGACIES

Kyle Whyte, the inaugural Timnick Chair in the Humanities in MSU's College of Arts and Letters, was recently honored with the Bunyan Bryant award as part of the Detroiters Working for Environmental Justice celebration.

As a teacher and a researcher, Whyte finds motivation and inspiration in two family histories.

Outside the classroom, Whyte's work harkens back to his heritage as a member of the Citizen Potawatomi Nation, as he addresses climate change and environmental issues, specifically within communities and tribal nations.

Inside the classroom, the heritage of Henry O. Timnick, who endowed the Timnick chair in honor of his mother Otilie Schroeter Timnick, is never far from Whyte's mind. "Otilie Timnick wasn't a professor, but she modeled qualities in her life that are also important ones in the classroom," Whyte says. "She was an amazing human being, and even though she's passed on, she's guiding my work every day."

Learn more about Whyte's work at go.msu.edu/whyte