

FOR DONORS AND FRIENDS OF MICHIGAN STATE UNIVERSITY

FALL 2015

DEVELOPMENTS



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POTENTIAL

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DEVELOPMENTS

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 of Marketing and Communications
Lois Furry, Editor
Dave Giordan, Art Director; Jen Weaver, Design and Layout
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 to advance knowledge and transform lives every day.

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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.

HEADS WILL ROLL
Robert Longo

THE BROAD GIFT brings together a remarkable collection of 18 works given to the Eli and Edythe Broad Art Museum by founding patrons Eli and Edythe Broad. The exhibit features works from the 1980s and 90s by pivotal American artists. Building on the rich historical holdings from the Kresge Art Museum, MSU's former campus art museum, The Broad Gift affirms the museum's ability to present the full progression of contemporary art in America.

DEVELOPMENTS

CHATTERING MAN WITH 9 FRAMED DRAWINGS
Jonathan Borofsky

new DEVELOPMENTS



Mat Ishbia ('03, Business)

FROM SLAM DUNKS TO SALES LEADERSHIP

A former Spartan basketball player turned business executive is leading a partnership of his company with the Eli Broad College of Business to enhance sales research and education.

Troy-based mortgage lender United Shore and Mat Ishbia, the firm's president and CEO, will create a new faculty fellow position within the Department of Marketing through a gift of \$500,000.

The gift will allow the department to provide support for a faculty member – even at the assistant professor level – who has exhibited leadership in sales research and teaching.

“Talent and workforce development are major issues that Michigan companies are facing,” says Ishbia, a 2003 graduate of the Broad College. “At United Shore, we have huge passion for the quality of programs and curriculum at Michigan State University and are committed to investing in their efforts.”

Ishbia was a member of MSU's 2000 national championship men's basketball team and a student assistant coach under Coach Tom Izzo. Following graduation, he joined United Shore and gained

experience in each area of the company as he climbed to the position of president and CEO.

Today, the company has about 1,200 employees, has grown into a national award-winning workplace and is home to the nation's top wholesale lender, UWM. United Shore's focus on attracting and developing the top sales talent played a significant role in the company's investment in the resources and bright minds at MSU.

“The United Shore faculty fellow gift demonstrates confidence in the Broad College and our ability to graduate strategic thinkers who have business acumen and can make an impact on the business world from day one,” says Sanjay Gupta, Eli and Edythe L. Broad dean of the Broad College. “This gift helps us in our commitment to develop transformational thinkers and doers who make business happen.”

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For more information on making a gift to the Eli Broad College of Business, contact Senior Director of Development Vivian Leung at leungv@msu.edu or by calling (517) 355-8504.



Dr. Sarah W. Newman looks over recent additions to the MSU Libraries' Comic Art Collection.

COMICS TO THE RESCUE!

Reading comics was something Dr. Sarah Newman only did as a child until her husband Dr. Richard (Rick) Mark Newman reintroduced her to them as an adult. Rick, an M.D. and a neuroscientist like his wife, relied on comic books during the eight years he lived with ALS. “He couldn't do anything but read,” Sarah says. “He was totally paralyzed, but he could move his eyes.”

As a childhood fan of Conan the Barbarian, Rick began reading Cerebus the Aardvark, a loose parody of Conan which evolved into a broad exploration of the artistic and literary reach of comic art. Each week, Sarah stopped at the comic store to pick up the latest issues of this and other favorite titles for Rick.

During his years of paralysis, Rick was “bored to tears” and always looking for ways to exercise his intellect. To him, comics brought entertainment and intellectual stimulus in equal measure. He had an appreciation for the artwork and collected a good deal of memorabilia from the Cerebus series before his death in 1987.

Memories of this time prompted Dr. Newman to pledge a \$280,000 gift in support of the MSU Comic Art Collection. The Richard Mark Newman, M.D., Endowment for Comic Art, when fully funded, will ensure continued preservation and access to this beloved collection.

Since its creation in the 1970s, the comic book collection in MSU's Special Collections library has grown to be one of the largest in the world, with more than 200,000 comics dating back as far as the 1840s. The collection is part of a larger movement by MSU to preserve pop culture artifacts and make the study of pop culture in academia, well, popular, because it turns out it's not just “kid stuff”—a fact the Newmans knew well.

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For more information on making a gift to MSU Libraries, contact Director of Development Seth Martin at marti981@msu.edu or call (517) 884-6446.

HUGS FOR STUDY ABROAD AND THE MSUFCU

The Michigan State University Federal Credit Union Study Abroad Endowment has provided more than \$1.2 million in funding to 1,148 students to help them participate in MSU's study abroad programs. It inspired some of the 130 students who were supported in the last academic year to give former MSUFCU President and CEO Patrick McPharlin (center) a group hug.



A Story WORTH REPEATING



Mark (75, Natural Science) and Sandy (75, Education) Ehlert

Mark (75, Natural Science) and Sandy (75, Education) Ehlert were students working on campus in Hubbard Hall when they met for the first time.

They married during spring break of their senior year.

He started a career in medical manufacturing. She started a science teaching career.

Today, after retiring from the busy life that took them all over the United States and beyond, the Ehlerts still haven't forgotten where they got their start—and, though they've long since moved on from Hubbard Hall, they're still working to make MSU a better place.

"We both grew up in blue collar families—Sandy is from Rochester, and I'm from Madison Heights—and we both see our philanthropy as a way of saying thank you and giving back for the great gift we received from Michigan State," Mark says.

To honor their past, the Ehlerts chose to invest in the future. They created three endowed scholarships, each of which pays tribute to the family and faculty that made the gift of their MSU education possible.

- The Irish Family Teaching Endowment, which honors the many fellow teachers in Sandy's family will support students in the College of Education and the College of Natural Science during their year of student teaching.

- The GRAM Endowed Scholarship, named for the couple's four grandmothers—Gertrude, Ruth, Anna and Marian—offers four years of support to a student majoring in a STEM discipline.
- The Frank Peabody Microbiology Student Research Fund, named for the late Dr. Frank Peabody, a faculty member in microbiology who had great influence on Mark's research work as an undergraduate, will support undergraduate or graduate research.

"We've met some of the scholarship students," Sandy says, "which is always a thrill. It's nice to hear what they want to do and what they're studying."

Mark added, "We see our donations as a way to give the best and brightest a chance to achieve their goals."

And who knows? Thanks to the Ehlerts, those students may have a "We met in Hubbard Hall..." story of their own to tell one day.

"WE BOTH GREW UP IN BLUE COLLAR FAMILIES... AND WE BOTH SEE OUR PHILANTHROPY AS A WAY OF SAYING THANK YOU AND GIVING BACK FOR THE GREAT GIFT WE RECEIVED FROM MICHIGAN STATE."

For more information on making a gift to the College of Natural Science, contact Associate Director of Development Karen Wenk at wenk@msu.edu or call (517) 353-5962.

For more information on making a gift to the College of Education, contact Senior Director of Development Melissa Phillips Lynch at mlynch42@msu.edu or call (517) 432-1983.

NEVER TOO LATE FOR EARLY MUSIC

THE TAYLOR JOHNSTON EARLY MUSIC SERIES WILL GIVE MSU AND THE COMMUNITY A TASTE OF 1750—IN 2015 AND BEYOND.

Taylor Johnston



Professor of agricultural sciences by day; connoisseur of early music 24/7!

With two passions seemingly so different, plant, soil, and microbial sciences Professor Taylor Johnston enjoys finding ways to bridge the gap, and he also enjoys finding ways to help others bridge the same gap by giving back to MSU.

In the spring of 2015, he established the Taylor Johnston Early Music Series through the MSU College of Music and joined a growing number of donors who have chosen to support MSU in this unique way, by funding educational and cultural experiences for students and the community alike.

The concert series will start this fall and showcase music written before 1750, performed on the same instruments—think harpsichords, recorders, and lutes—that would've been used during its own time.

"Early music is simple yet complicated, soothing but moving," Johnston says. "This series shares this wonderful music with the community. Plus, I'll get to hear it, too."

Along with a gift to fund the music series this season, Johnston has committed an estate gift to fund the Taylor Johnston Early Music Series Endowment, which will support the series in perpetuity. It will cover visiting artist stipends, travel expenses, and the marketing and administrative costs that go along with producing music events.

"Johnston's gift helps diversify our curriculum and allows our students and the community an opportunity to enjoy this distinctive and beautiful music," says James Forger, dean of the College of Music.

Most importantly, the gift will keep on giving, by allowing early music to keep on playing.

For more information on making a gift to the College of Music, contact Senior Director of Development Rebecca Surian at surian@msu.edu or call 517-353-9872.

GROWING CROPS and GROWING OPPORTUNITIES



The Saginaw Valley Research and Extension Center (SVREC) is preparing for the addition of an 11,000-square-foot educational facility that will provide space for industry meetings, hands-on educational experiences, and showcasing current research.

The new state-of-the-art building is being made possible by more than \$1 million in contributions from Michigan-based companies with agricultural ties like GreenStone Farm Credit Services, Michigan Sugar Company, Star of the West Milling and the Michigan Crop Improvement Association, as well as other agriculture industry groups including Syngenta and Beta Seed.

For more information on making a gift to support the Saginaw Valley Research and Extension Center, contact Senior Director of Development for the College of Agriculture and Natural Resources Tamara Baumann at bauman13@msu.edu or call (517) 432-1576.

EMPOWERING EXTRAORDINARY WITH 100 CHAIRS

MSU is committed to creating a cadre of outstanding faculty. But so are all the other leading universities and the competition for exceptional talent can be fierce.

While MSU ranks in the top 100 internationally for academics, its number of endowed chairs and professors is at the bottom of the Big Ten. This puts MSU at a significant disadvantage in recruiting the very best talent.

The *Empower Extraordinary* campaign is working to change that by increasing MSU's number of endowed chairs and professorships by 100.

Endowed faculty positions are reserved for the most accomplished leaders in their fields of study. A named position shows that the institution and community value the contributions of impressive up-and-coming researchers and are willing to invest in their work.

"Endowed positions offer a powerful means for the university to attract and retain leading scholars who are actively engaged in the cutting-edge work at the top of the talent pyramid," says Provost June Pierce Youatt. "These academic stars lead the way to advance fields of study, support new initiatives and spur progress on seemingly intractable problems."

To date, more than 30 new positions have been created in the campaign.

Learn more about the need for endowed faculty support at go.msu.edu/faculty.

**TWO EXTRAORDINARY PLACES,
ONE AMBITIOUS AGENDA.**

A BUSINESS EDUCATION CENTER
AND A MEDICAL RESEARCH
FACILITY—WILL EXPAND THE
REACH OF MICHIGAN STATE
WITH PROFOUND IMPACT FOR
GENERATIONS.

POTENTIAL

The impact of campus buildings cannot be measured by the efficiency of design or the total square footage. But when infrastructure enables people to work together, converge disciplines, be creative and capitalize on good ideas and opportunities, extraordinary things can happen.

The Graduate Pavilion planned by the Eli Broad College of Business, and being funded in part by a \$10 million challenge grant from Eli and Edythe Broad, will create a new hub for business education at MSU. The plans are in keeping with the rising national status of the college and will usher in the latest in technology and collaborative learning areas—precisely the kind of flexible, open spaces needed to groom business leaders who will be expected to thrive in team environments.

Meanwhile, on the west side of Michigan, the MSU Grand Rapids Research Center is shepherding in a new era of medical discovery. The university broke ground on the six-story, 162,800-square-foot facility in June. The center will bring MSU bench scientists together with clinical-based faculty physicians in the College of Human Medicine on a grand scale. When completed in late 2017, the center will support more than 40 research teams poised for finding answers in autism, inflammation, transplantation, cancer, genetics, pediatric neurology, Parkinson's disease, Alzheimer's disease, women's health and reproductive medicine, among other critical health areas.

The Secchia Center in Grand Rapids significantly expanded MSU's College of Human Medicine and with it, a cadre of outstanding medical researchers. One of them is Jack Lipton, professor and chairperson of Translational Science and Molecular Medicine. Hear his perspective on the importance of the Grand Rapids Research Center at go.msu.edu/translation.



A new ecosystem for business learning

The Eli Broad College of Business envisions an academic ecosystem that attracts outstanding students, world-class faculty, dynamic corporations, ambitious employers, and proud alumni. And they know they can accomplish this with the addition of a new 100,000 square foot facility.

The Graduate Pavilion—which will house the MBA and all master’s degree programs in business under one roof—is part of a bold plan to build on the status of the Eli Broad College of Business as a recognized leader in business education.

Built alongside the existing Eppley Center, the pavilion will meet four specific needs: flexible classrooms for core and elective courses; team rooms and common, multi-use spaces to facilitate and enhance teamwork and collaboration; technology-enhanced spaces for data analytics, telepresence and remote collaboration; and spaces for career management, employer relations, recruiting and networking.

In essence, every inch will be dedicated to teaching and instruction, student and programmatic support, or career management services. The pavilion is projected to cost \$60 million to create.

“We recognize that in order to realize our aspirations to be a top-of-mind business school and our vision of providing a vibrant teaching and learning environment that mirrors the

real-world workplace and will best prepare our students for the global economy, the college must take action now and construct a new facility to make this happen,” says Sanjay Gupta, the Eli and Edythe L. Broad Dean.

The pavilion will provide a new front entrance to the business complex for students, faculty and the greater business community and will make a bold statement about the college and its aspirations. This in turn will have a significant impact on the standing of the college.

Today, MSU’s MBA programs rank in the top 20 among public universities in all major rankings. However, the college cannot expect to hold that position or move forward without an investment in facilities. In recent years, many of the college’s business school counterparts in the Big Ten have undertaken building projects, including the University of Michigan with a \$135 million expansion of its Ross Business School complex and the University of Nebraska which recently began an \$84 million expansion.

The pavilion also has an important role to play in attracting talented students and faculty. In interviews with potential business students admitted to MSU but who chose to go to another school, ‘facilities’ was consistently ranked as one of the top three deciding factors. Making a difference in these results will require the college’s learning spaces to be upgraded well beyond mere window dressing.

A key feature of the Graduate Pavilion will place career planning in the forefront, reinforcing the success of the

college in producing graduates who are highly sought after by employers. For example, the college is on *U.S. News and*



“In the **Graduate Pavilion** we imagine a facility that will promote **collaborative learning** and **relationship-building** within a technology-rich environment, deepen the sense of **community**, and foster the growth of the next generation of transformational **thinkers, leaders** and **doers** who make business happen.”

-Sanjay Gupta, Eli and Edythe L. Broad Dean



World Report’s list of top 10 MBA programs with the Most Employed Graduates, with 95.6 percent of full-time MBA graduates landing a job in three months after graduating in 2014. The pavilion will centralize career management services for both graduate and undergraduate students in a modern and prominent place, providing recruiters an improved experience and making it easier for potential employers to make connections.

The new facility also will enhance the ability for students to interact with recruiters, business leaders and alumni as well as with faculty and fellow students. Virtual meetings with business leaders and mentors will be possible thanks to technology-enhanced spaces that assure communication and collaboration can take place, regardless of geographical distance.

In a recent survey of business students at the University of Washington’s Foster School of Business, MBA students reported spending an average of nine hours each day in the business center—outside



of class time. The students also said most of their extra time there was spent in pursuit of career-related goals. These included changing or advancing careers, landing an internship or connecting with future business partners.

“In the Graduate Pavilion, we imagine a facility that will promote collaborative learning and relationship building within a technology-rich environment, deepen the sense of community, and foster the growth of the next generation of transformational thinkers, leaders and doers who make business happen,” Gupta says. “Whether graduate or

undergraduate, there is not a single student enrolled at the Broad College of Business who will not be touched by the Graduate Pavilion.”

The *Empower Extraordinary* campaign goal for the college is \$136.6 million.

Donors are stepping up to help fuel the positive momentum of the college, among them Bob (’64, Business) and Anna Lou Schaberg (see page 14), who earmarked the Graduate Pavilion, a business scholarship and a fund for business curriculum innovation in their \$3.5M *Empower Extraordinary* campaign gift.



THE GRADUATE PAVILION WILL PROVIDE:

Flexible classrooms for core and elective courses

Team rooms and common, multi-use spaces to facilitate and enhance teamwork and collaboration

Technology-enhanced spaces for data analytics, telepresence and remote collaboration

Spaces for career management, employer relations, recruiting and networking



Putting great minds together

Grand Rapids is poised to become one of the top destinations in the nation for medical research talent. The combination of medical education, clinical practice and academic research now concentrated in the region, already is attracting some of the nation's most promising research scientists eager to join MSU College of Human Medicine and area partners such as Spectrum Health, Van Andel Research Institute, Mercy Health Saint Mary's and Grand Valley State University.

As these leading scientists have come, they have accomplished together what none could have done alone. But, they have run out of space needed to continue to build on their success.

The MSU Grand Rapids Research Center (GRRC) is a critical project designed to meet the needs of a growing number of leading medical researchers. With space to grow and space to collaborate, these research all-stars will be set to transform our understanding, treatment and study of some of the world's most difficult medical issues.

The cost to build the GRRC is projected to be \$88.1 million

with a goal that \$40 million will come from private sources. MSU President Lou Anna K. Simon hopes to fund at least \$10 million of that from economic development sources.

"We all know that talent is going to be a key to the future and that discovery will help drive economic development," says President Simon. "In order for us to grow as a state, as a community, we have to have the best talent and the facilities that will allow people to do their best work. With this research facility, together we are creating a more promising future."

Just five years ago, the MSU College of Human Medicine opened the Secchia Center as its new headquarters in Grand Rapids. The \$90 million, seven-story building, named for lead benefactors Peter and Joan Secchia, came as the college underwent one of the largest American MD medical school expansions, doubling the size of its enrollment to educate nearly 800 future physicians. It also was part of a long-range strategy that involved partnerships with the Van Andel Research Institute and Grand Valley State University to lease laboratory space to support new National Institutes of Health (NIH) funded researchers recruited to Grand Rapids.



“MSU is a proud member of the CIC (Committee for International Cooperation) of the Big Ten which is responsible for more than \$10.2 billion in conducted research—far more than the Ivy League’s \$4.3 billion. The GRRC will help to tap into this network on a deeper level and expand the medical research agenda.”

-Peter Secchia



As the number of principal investigators and their teams has grown, all available options for additional laboratory space have been exhausted. In recent years, the college has recruited 20 principal investigators and their teams with as many as nine more expected within two years. In the coming years, the new research building will be large enough to house a total of 44 teams.

"The addition of this beautiful Big Ten Research facility establishes a gateway to the Medical Mile of Grand Rapids and creates a new level of opportunity and partnership that will move the economic needle in West Michigan," says Peter Secchia. "MSU is a proud member of the CIC (Committee for International Cooperation) of the Big Ten which is responsible for more than \$10.2 billion in conducted research—far more than the Ivy League's \$4.3 billion. The GRRC will help to tap into this network on a deeper level and expand the medical research agenda. It will be a magnet to attract business in the life sciences and growth in biotechnology. Joan and I are really excited to be part of it all."

What all the GRRC teams will undertake as they work in close proximity with practicing physicians is yet to be imagined, President Simon notes. But, the quality and talent of the people recruited thus far has led to accomplishments on an international scale.

For example, in the area of women's health, the Center for Women's Health and Reproductive Research and the National Gynecologic Cancer Translational Research Center of Excellence have amassed a collective 400-plus peer-reviewed publications. MSU and Spectrum Health together are approaching national top-tier research rankings for women's health. They recently discovered lethal differences in target genes and MicroRNAs found in African American women with endometrial cancer.

Neuroscience researchers in the Department of Translational Science and Molecular Medicine have secured more than \$16 million in grant awards and boast more than 225 peer-reviewed publications. MSU neuroscientists were selected to test three gene therapies for effect on cellular regeneration and therapy. The scientists recently made an important discovery that a change in the Alzheimer's disease protein may cause neurodegeneration.

Interestingly, fifty percent of all external research funded by the NIH is performed by scientists at medical schools and teaching hospitals. In recent years, following the opening of the Secchia Center, MSU has seen tremendous growth in NIH funding. In neuroscience, MSU ranks 15th in NIH funding, with half of that funding in Grand Rapids. Researchers in women's health have been awarded more than \$16 million in grants and awards. Among medical departments of obstetrics and gynecology, they moved from not being ranked at all to a ranking of 21 out of 141 for NIH funding.

The economic impact of an expanded biomedical research footprint does not end with grant funding. MSU recently commissioned Anderson Economic Group to evaluate the benefits of the GRRC. Key findings included approximately 400 new jobs and an increase of more than \$28 million in local annual spending. A knowledge economy is an important factor in economic development. The GRRC will be staffed with highly skilled employees—a full 86 percent of positions will require an advanced degree.

The GRRC has been carefully designed to maximize its impact economically, but also to maximize research productivity.

A key element of premier research universities is shared spaces to run experiments. Called "core labs," there will be five in the new research building. One will be devoted to advanced microscopy and

another will house state-of-the-art devices to provide central services in genetics, genomics and biomarkers. Some of the core labs will run day and night, populated by multiple researchers from both within the university and from partner institutions. All will promote broad scientific collaboration and will eliminate duplication of expensive equipment in multiple places.

Much like the Graduate Pavilion being planned by the Broad Business College, the new research center puts a premium on open spaces for collaboration. Each floor will include shared spaces to encourage scientists and clinicians to meet informally to talk about their work and share ideas. Also like the Graduate Pavilion, many of the areas will be made flexible in design. Partial walls and moveable benches will not only allow for casual meetings, but also the flexibility to adapt to changing needs.

Importantly, the center will expand the research experience of medical students. Today, more than 90 percent of medical students in the college participate in research with faculty, compared to the national average of 68.2 percent.

While the building itself will be great, it is the medical research that will be conducted inside that is most important, says Elizabeth Lawrence, senior associate dean of the College of Human Medicine for planning, finance and administration.

"We know that men, women and children are waiting for relief from debilitating diseases. And helping them requires scientific discovery," Lawrence says. "The building will have some of the best scientists in women's health, neurology and pediatrics in the country. The real goal is not that you get them in the building, but you put great minds together, and they will germinate new approaches, better treatments and tomorrow's cures."



THROUGH THE **EMPOWER EXTRAORDINARY** CAMPAIGN, **\$140.9 MILLION** HAS BEEN RAISED TOWARD A **\$295.4 MILLION GOAL** FOR FACILITY PROJECTS.

Brick and mortar gifts: a cornerstone of our past and future

Private support for buildings at MSU has long been a part of MSU's legacy.

The tradition of private support for facilities at MSU actually dates back to 1917, when Ransom E. Olds, of Oldsmobile fame, gave MSU \$100,000 to rebuild the Engineering Building, which had burned down in 1916. Renamed **Olds Hall**, it still stands today next to the Hannah Administration Building.

In more recent decades, MSU completed the **Clifton and Dolores Wharton Center for Performing Arts** in 1982—a dramatic addition to campus education and entertainment that was made possible partly by generous alumni support. The center received a significant upgrade and expansion in 2009 from private support, yielding improved amenities for performers and new space for community art education.

In 1993, the **North Business Complex** opened. The project was the centerpiece of the *MSU 2000: Access to Opportunity* capital campaign. Another centerpiece of that campaign was MSU's **Horticultural Demonstration Gardens** and the **4-H Children's Garden**.

From 2000 through 2007, many facilities were funded through private support during *The Campaign for MSU*.

The **McPhail Equine Performance Center**, a significant advancement in veterinary medicine, opened in 2000, made possible entirely through private support.

Some 40 years in the making, MSU's **Biomedical and Physical Sciences Facility** opened in 2001 after receiving private

support. It is MSU's largest academic building, connecting to both the Chemistry and Biochemistry buildings, and represents a substantial advancement in the quality and "connectivity" of science facilities, including research and teaching laboratories. The **James B. Henry Center for Executive Development** also opened in 2001 thanks to more than \$11 million in private support.

In 2003, the **International Center** completed its 10,000-square-foot expansion following \$3.6 million in private support. An endowment to MSU by Delia Koo made possible the third-floor addition, providing additional classroom and office space for MSU's international programs. The center's academic wing was named the **Delia Koo International Academic Center**.

In 2006, **Lyman Briggs College** in **Holmes Hall** was renovated thanks to more than \$2.2 million in private support.

In recent years there has been significant private support for facilities in athletics—the **Clara Bell Smith Student-Athlete Academic Center** (1998), the **Alfred Berkowitz Basketball Complex** (2001), the **Skandalaris Football Center** (2008), the **Demmer Family Hall of History** (2008) in the Skandalaris Center, the **DeMartin Soccer Complex** (2008), the **McLane Baseball Stadium** (2009) and the **Secchia Stadium** for softball (2011). Construction of **Pentecost Plaza** (2012) at the entrance capped off the new Old College Field additions. Additionally, the **John and Marnie Demmer Shooting Sports Education and Training Center** came to be almost entirely by private support, led by a \$1.5 million gift from the Demmer family.

In 2010, the College of Human Medicine opened the **Secchia Center**, a \$90 million, privately funded medical education facility, named after alumni and lead donors Peter and Joan Secchia.

The **Eli and Edythe Broad Art Museum** opened in 2012. This dramatic building, designed by world-renowned architect Zaha Hadid, was made possible by more than \$45 million in private support—including the largest private gift to the university in history from founding benefactors Eli and Edythe Broad.

The **Bott Building for Nursing Education and Research** also was completed in 2012. Made possible by a \$7 million commitment from the Timothy and Bernadette Marquez Foundation, a \$7.45 million grant from the National Institutes of Health-Center for Research Resources, and the generosity of more than 1,000 benefactors, it has created a highly visible presence for the College of Nursing.

In the *Empower Extraordinary* campaign, **Spartan Stadium's North End Zone addition**, a significant facility for athletic recruiting as well as the football program, opened in 2014 thanks to donor support. Plans are underway for the **Lasch Family Golf Facility** (see page 18) and an expansion of the **Berkowitz Basketball Complex** thanks to private support as well.

Building the future

The support for these and many other facilities have not just added to the campus skyline, most importantly, they have raised the bar in MSU's teaching and research.

In every case, these facilities make the difference between holding course and moving ahead. The **Broad College Graduate Pavilion** and the **Grand Rapids Research Center** are on track to do the same.

To learn more about making a gift to support MSU facilities call (517) 884-1000 or visit go.msu.edu/community.

The vision for a GRADUATE PAVILION

IN THE ELI BROAD COLLEGE OF BUSINESS

The new Graduate Pavilion will be a signature facility at MSU enabling the Broad College to leverage its existing strengths, launch and augment new initiatives, and differentiate its program.

WHAT WILL 100,000 SQUARE FEET DO?

Recruit the **BEST FACULTY**
The ones who lead, inspire and challenge

Mirror the **REAL WORLD**
To reflect the business environment students will enter

Transform **RECOGNITION**
Creating a presence for one of the world's best colleges of business

Attract the **BEST STUDENTS**
Who will see a place to build their professional network

Evolve **LEARNING**
With new ways to combine technology with teamwork

WHAT WILL THE GRADUATE PAVILION BE BUILT ON?

Top Source for **TALENT**
More than 95 percent of full-time MBA graduates land jobs within three months

Rising **RANKINGS**
The Broad College is a top 20 school in major rankings

A History of **SUPPORT**
In 1992, Alumnus Eli Broad pledged \$20 million, the largest gift to a public school of business at that time

OUTREACH NETWORKS

The Midland Research Institute for Value Chain Creation is finding sustainable and responsible advantages for American businesses

James B. Henry Center for Executive Development draws business executives from across the nation for degree and certificate programs The John and Marnie Demmer Center for Business Transformation helps Michigan-based businesses transform into lean, agile global competitors

The Institute for Entrepreneurship provides learning resources for entrepreneurial finance and strategy

INVESTING IN PEOPLE, ENABLING SUCCESS

Schaberg \$3.5M gift supports
Graduate Pavilion, business education,
contemporary art and athletics



Alumnus Bob Schaberg ('64, Business) and his wife Anna Lou Schaberg, have made MSU the largest recipient of support from their charitable foundation.

Alumnus Bob Schaberg ('64, Business) and his wife Anna Lou Schaberg have made a \$3.5 million Empower Extraordinary campaign gift to Michigan State University that is set to open doors of opportunity and enrichment across the Eli Broad College of Business and beyond.

Their gift, made through their charitable foundation, will support: the Schaberg Curriculum Innovation Fund, the Bob and Anna Lou Schaberg Endowed Scholarship, construction of the Graduate Pavilion in the Broad College, as well as the Eli and Edythe Broad Art Museum and the North End Zone facility at Spartan Stadium.

"We are grateful for Bob and Anna Lou Schaberg's commitment to Michigan State," said MSU President Lou Anna K. Simon. "Their generosity entrusts us with new resources to significantly enhance the learning experience for business students and others, to grow the quality and reputation of MSU and to help ensure our students and faculty have the tools to make a difference in the world."

The Schabergs already have had a significant impact on MSU and the Broad College. In 2005, they established the Ernest W. and Robert W. Schaberg Endowed Chair in Accounting which honors Bob's father, Ernest.

"We are proud that MSU is serving the state of Michigan just about better than anybody else," says Bob. "It is important to have universities that support inclusiveness and access. We believe that investing in MSU enables students from a lot of different backgrounds to succeed."

A Lansing native, Bob graduated from Sexton High School and then MSU with an accounting degree. He went to work for Lybrand, Ross Bros. and Montgomery

in Detroit, where he also earned an MBA from Wayne State University. In 1972 he moved to Amurcon Corporation, one of the nation's leading property management companies, initially in Michigan, and later in Virginia where he established Amurcon Corporation of Virginia (ACOV). He served as president of this company from its inception.

In the early '90s, Bob formed the Virginia Nonprofit Housing Coalition (VNHC) to support a philanthropic mission to provide affordable housing and use earnings to support community projects. Anna Lou is responsible for the company's grants and gifting programs. Together, they recruited a board, all of whom, with the Schabergs, serve voluntarily. As a nonprofit, VNHC has been able to purchase housing properties from ACOV at affordable prices, renovate them and rent them to low and moderate income families. Among the organization's many philanthropic projects is a scholarship program for children living in its urban housing communities.

To date, MSU is the largest recipient of funds from their foundation.

"The Schabergs' gift comes at a time when it can have a transformational impact," says Sanjay Gupta, the Eli and Edythe L. Broad Dean. "Their generosity to the college will impact business and industry in any place where there are Spartans to carry the lessons and values learned—whether their futures lead to small enterprises or large ones, local companies or multinational corporations."

For more information on making a gift to the Broad College of Business, contact Senior Director of Development Vivian Leung at leungv@msu.edu; (517) 355-8504.



Wolfgang Banzhaf, a leading scholar in computer science, will be the first John R. Koza Endowed Chair in Genetic Programming at MSU, the first such chair in the United States.



AN EVOLUTIONARY LEAP for COMPUTER ENGINEERING

Esteemed computer scientist to lead genetic programming at MSU

One of the central challenges of computer science is to get computers to do what needs to be done, without a human being telling them how to do it. In essence, computers writing the programs needed as they are needed.

Genetic programming has emerged as a promising discipline that leads to such breakthroughs and Michigan State has hired the first endowed chair in genetic programming in the United States thanks to a gift from a pioneer in the field.

Wolfgang Banzhaf, who literally helped write the book on genetic programming, will be the first to hold the John R. Koza Endowed Chair in Genetic Programming. Banzhaf joins about 20 other faculty members in MSU's BEACON Center for the Study of Evolution in Action doing research in evolutionary computation, making MSU one of the best places for such research in the country. Koza was co-founder of Scientific Games, Inc., and served as chairman and CEO from 1973 until 1987. He is currently a partner with Third Millennium Venture Capital Limited.

In *Genetic Programming: An Introduction*, a primer that Banzhaf co-authored, genetic programming is described as the combination of biological metaphors gleaned from Darwin's theory of evolution with computer-science approaches drawn from the field of machine learning with a goal of creating programs that are capable of adapting or recreating themselves to complete tasks. Ultimately, genetic programming is providing the means for fast, productive software development.

"Dr. Banzhaf is among the most renowned computer scientists in the world studying genetic programming," says Erik Goodman, director of BEACON. "We are quite pleased he accepted the position, and are fortunate to be able to fund the position because of a generous gift from John Koza."

BEACON began in 2010, when MSU was awarded one of five, highly coveted National Science Foundation (NSF) Science

and Technology Center grants. The \$25 million in funding enabled MSU to establish a center to bring scientists from across the nation to study evolution in both natural and virtual settings. BEACON recently landed a new NSF grant for \$22.5 million to continue its groundbreaking evolution research.

"We are tremendously grateful for the vision and investment of John Koza, which demonstrates a commitment to the great work that's being done at MSU in genetic programming and evolutionary computation," says MSU President Lou Anna K. Simon. "The Koza endowed chair position empowers us to expand and enhance that work in ways that will pay dividends for years to come."

Genetic programming techniques help computer programs evolve to solve problems, ranging from finding and fixing bugs in existing software to generating new programs that control robots or identify financial market trends. To further the field, Koza sponsors an annual evolutionary computation competition in which participants solve problems traditionally seen as requiring human intelligence to conquer, such as generating new patentable designs, writing new computer programs—or debugging human-written ones—or beating human competitors in games.

Banzhaf is the sole author of *Linear Genetic Programming* which extended the original work of Koza to new domains.

At MSU, Banzhaf's primary appointment will be in the Department of Computer Science and Engineering, and through BEACON he will interact with many other researchers from many disciplines.

Currently with Memorial University of Newfoundland, Banzhaf will join MSU in August 2016.

For more information on making a gift to the College of Engineering, contact Senior Director of Development Stephen Bates at batesst@msu.edu; (517) 355-8339.

EMPOWER EXTRAORDINARY

THE CAMPAIGN *for* MICHIGAN STATE UNIVERSITY



With you at its side, MSU has reached an important milestone in its campaign to support students, faculty, research and facilities. To date, \$1 billion of the \$1.5 Empower Extraordinary campaign goal has been raised.

\$1,012,005,798
HAS BEEN RAISED AS OF
AUGUST 31, 2015

**67% OF THE
\$1.5 BILLION GOAL**



AN ENGINE OF OPPORTUNITY
for student support and programs

\$278M
Funding Goal **\$400M**



**A FORCE FOR CREATIVITY,
DISCOVERY AND LEARNING**
for faculty support

\$219M
Funding Goal **\$350M**



A GLOBAL PROBLEM SOLVER
for research support

\$195M
Funding Goal **\$300M**



A VIBRANT COMMUNITY
for facilities and opportunity

\$320M
Funding Goal **\$450M**

789
new **scholarship**
and **fellowship** funds

\$404.1M
added to
endowments
towards a **goal**
of **\$742M**

36
endowed
faculty positions
towards a **goal**
of **100**

Learn more at go.msu.edu/empower
#EmpowerMSU

ON PAR FOR SUCCESS

Lasch family's \$2M gift for student Golf Center

Helping to ensure the future success of the Michigan State University golf program, Richard W. (Rick) and Suzanne Lasch of East Lansing have made a \$2 million gift that will be used for the construction of a new men's and women's golf center.

At its June meeting, the MSU Board of Trustees voted to approve naming the facility the Lasch Family Golf Center.

"Private support is positioning Michigan State to compete at the highest levels and to provide extraordinary experiences for all students," said MSU President Lou Anna K. Simon. "We are grateful for the vision and generosity of the Lasch family, which will help us to continue to pursue excellence in our athletic programs."

The Lasch Family Golf Center will be an 18,000-square-foot building that will include an indoor practice area, student-athlete lounge, men's and women's locker rooms, coaches' offices, a video room and a kitchen area featuring nutrition/hydration stations.

Construction is scheduled to be completed by January 2016.

"This gift and new golf complex goes back to our mission statement and will be a new place to gather and engage," said MSU Athletics Director Mark Hollis. "We continue to say that this campaign will transform our entire department and the Lasches' gift is another great example as we continue to build momentum."

The *Empower Extraordinary* campaign goal for athletics facilities is \$92 million and the Laschs' gift brings MSU Athletics to more than \$80 million raised, or 88 percent of the goal. Bob and Julie Skandalaris gave the first leadership gift to the golf center with a \$3 million gift announced last fall. At their request, the naming opportunity for the facility remained open in their hope to honor and motivate other donors.

Rick Lasch graduated with a BA in Marketing from the Eli Broad College of Business in 1990.

"When our circumstances allowed us to increase our charitable giving, Suzanne and I

saw MSU Athletics and specifically the golf program as a great opportunity to have a positive impact," said Lasch. "We are proud to be a part of a winning program that will make a difference in inspiring not just student-athletes but all of MSU."

The gifts and new facility build on the momentum of the MSU men's and women's golf programs.

MSU women's golf has won 11 Big Ten Championships—second most in conference history—including five under Head Coach Stacy Slobodnik-Stoll. The team has earned a bid to the NCAA Regionals in 16 of the last 17 seasons.

"We are so thankful for the Lasch family and their belief and support of our programs. This facility is a dream come true for us and will allow us to continue our tradition of excellence, both on the course and in the classroom," said Slobodnik-Stoll.

The men's golf program has also been steadily on the rise, including capturing the Fighting Irish Gridiron Classic tournament last fall.

MSU Men's Golf Head Coach Casey Lubahn echoed appreciation to the donors, noting: "We are humbled and incredibly grateful that Rick and Suzanne Lasch believe in our programs enough to make this tremendous gift. Along with Bob and Julie Skandalaris, they have helped make our new facility dream a reality. Their passion for Spartan golf will give our dedicated student-athletes a cutting edge space to develop their games and bond together as Spartans. We look forward to calling the Lasch Family Golf Center our home for many years."

For more information on making a gift to Spartan Athletics, contact the Spartan Fund at **(517) 432-4610**.

INNOVATORS OF THE FUTURE

Coffman family \$5M bequest supports engineering students



A \$5 million bequest commitment from a Kentucky couple will strengthen the Michigan State University College of Engineering's ability to coach, develop and educate the next generation of innovation leaders.

The estate gift from Gary and Patricia Coffman is one of the largest future gift commitments ever to MSU Engineering. It will be split into the Gary A. and Patricia A. Coffman Endowed Scholarship/Fellowship for talented, qualified students as well as a discretionary fund for the dean.

"We are grateful for the bequest from Gary and Patricia, a commitment that will keep MSU among world leaders in the field of engineering, as well as position us to continue to serve as a global innovation leader," said MSU President Lou Anna K. Simon. "These are challenging economic times for higher education, and we are pleased the Coffmans have chosen to provide such a generous donation to Gary's alma mater."

Gary Coffman said supporting the next generation of engineering leaders is exactly what they had in mind when creating the endowment.

"One of the key things in the engineering field is to establish an environment for others to leverage their capabilities," he said. "As a leader, you are responsible for providing coaching and development for your employees to stretch and grow. It is my hope to impact students (in a similar way) with this gift."

Coffman was born and raised in the Detroit area. He came to

MSU to study engineering and landed an internship at the Ford Motor Co. while a student. At Ford, he was encouraged to be curious about innovation.

"I helped develop and build unique equipment for engine dynamometer testing," he said. "We worked on the durability and testing of developmental emission controls for early emission controlled vehicles."

Coffman graduated from MSU in 1974 with a bachelor's degree in electrical engineering and began a 31-year career with Dow Corning.

His responsibilities included a variety of plant management roles. He served as plant manager for the Dow Corning facility in Elizabethtown, Kentucky, from 1998 until his retirement in 2005.

"We're thrilled to receive this entire commitment from the Coffmans, but the financial flexibility afforded by the endowed discretionary fund is particularly important," said Leo Kempel, dean of the MSU College of Engineering. "Discretionary funds allow us to take advantage of opportunities to support faculty researchers at critical junctures, implement innovative new programs when other funding sources aren't available, and to keep improving our student experiences."

For more information on making a gift to the College of Engineering, contact Senior Director of Development Stephen Bates at **batesst@msu.edu** or call **(517) 355-8339**.

SEEDING NEW SCIENCE

Dr. James K. Billman's 18th endowment will give faculty the resources for discovery...forever.



Dr. James Billman, a pathologist from Illinois who is no stranger to making a difference at MSU, has made a \$1.5 million gift to establish the James K. Billman, Jr., MD Endowed Professorship in the College of Natural Science.

Dr. Billman ('69, Natural Science, Honors College) has funded 17 endowed scholarships at Michigan State so far. Many of these scholarships are named in honor of close college friends and mentors, and support students in a wide range of disciplines, from clarinet studies in the College of Music to criminal justice in the College of Social Science, and a dozen or so more in between.

His latest gift—number 18—is for the faculty.

“As a Spartan, I am saddened when MSU endures a losing season—in anything. Seeing MSU standing dead last in the Big Ten for our number of endowed professorships is what stimulated me to act now to create this position,” says Billman.

This professorship joins a list of more than 30 new endowed faculty positions added to departments across campus since the start of the *Empower Extraordinary* campaign, which has a goal of adding 100 positions before its conclusion.

The position will be awarded once every five years to a highly qualified assistant professor in the Department of Biochemistry and Molecular Biology. When his or her five-year term is up, the award will be made to a new professor, and so on. Billman hopes that this structure will jump start these professors'

academic careers and create a constant influx of new projects.

“By rotating the professorship every five years, it improves the chances that some projects will succeed and contribute to the future, because each of the professors will have different skills and interests, their projects will vary and, with luck, illuminate new science,” says Billman.

The world of biochemistry and molecular biology has changed swiftly and dramatically in the 50 years since Billman first set foot on campus and attended classes in the then-brand-new Biochemistry building.

“While we still have the building,” he says, “the research programs today involve things unimagined in 1965. Who knows what discoveries may be made by a future Spartan supported by this endowment?”

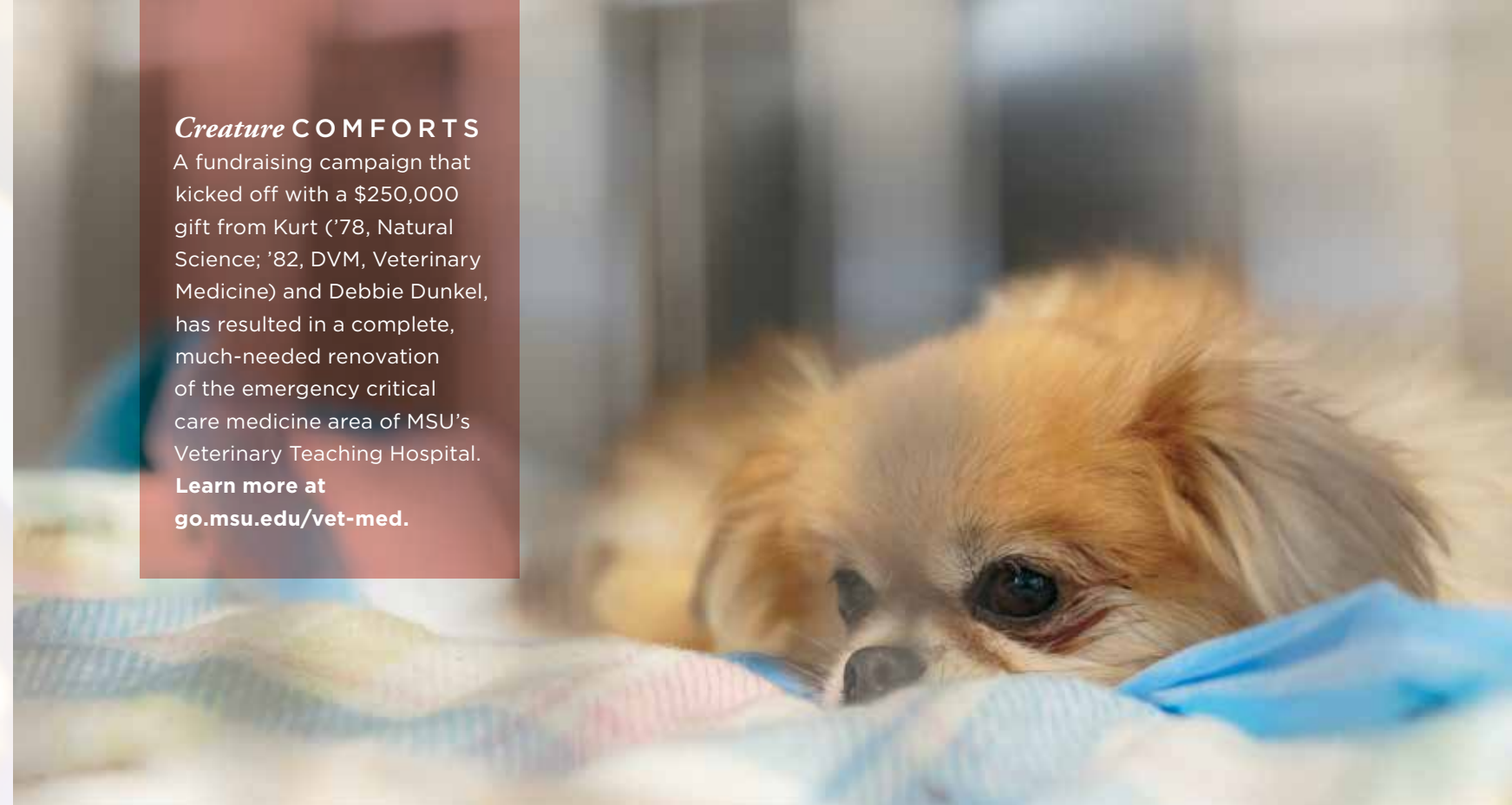
MSU President Lou Anna K. Simon expressed her gratitude, saying, “Endowed professorships help build excellence at a university. We are thrilled that Dr. Billman has chosen to create a position that will open the door for promising faculty members to reach new heights in research and innovation at Michigan State.”

For more information on making a gift to the College of Natural Science, contact Associate Director of Development Karen Wenk at wenk@msu.edu or call (517) 353-5962.

Creature COMFORTS

A fundraising campaign that kicked off with a \$250,000 gift from Kurt ('78, Natural Science; '82, DVM, Veterinary Medicine) and Debbie Dunkel, has resulted in a complete, much-needed renovation of the emergency critical care medicine area of MSU's Veterinary Teaching Hospital.

Learn more at go.msu.edu/vet-med.



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.

Tops in Environmental Engineering

Recent engineering graduates Jake Patin and Daniel Domino, current seniors in civil engineering Thomas Bonney and Kate Capeneka, and Sanpreet Singh Gill, a graduate student in environmental engineering, won \$5,000 and first place at the 2015 Air and Waste Management Association Environmental Competition International. Student teams competed to solve a complex “true-to-life” environmental problem, addressing its social, economic, regulatory and technical issues.

Getting to the Root of the Matter

One of the world's leading plant scientists, MSU's Sheng Yang He, has been elected to the National Academy of Science's 2015 class. His work has focused on investigating infectious disease susceptibility in plants. He seeks a molecular understanding of plant immune systems and how bacterial pathogens cause disease. The National Academy of Science is a private, nonprofit organization of the country's leading researchers.

Unique Ingredients Launch MSU Startup

A new MSU startup company has found a way to apply Michigan's role as first in chestnut production to the microbrew industry. Treeborn Products craft-roasts chestnuts to be used in the brewing process for both gluten-free and regular ales, stouts and porters. Their craft-roasting process helps maximize chestnuts' naturally sweet, nutty flavor. The MSU Innovation Center works with innovative students and faculty to help move their ideas into the marketplace, launching more than 130 discoveries into patented products, commercial agreements and startup businesses each year.

Upcoming Events

Watch your mail and email for more information on upcoming events. Unless otherwise noted, those listed here take place in East Lansing.

Thanks for Giving Luncheon for MSU faculty, staff and retiree donors
November 2, 2015

Empower Southeast Michigan Campaign Event
November 5, 2015
Detroit, Michigan

Empower Texas Campaign Event
February 25, 2016
Houston, Texas

Winter University
February 28, 2016
Naples, Florida

Empower West Michigan Campaign Event
April 27, 2016
Grand Rapids, Michigan

Empower Chicago Campaign Event
May 17, 2016
Chicago, Illinois

Empower New York Campaign Event
September/October, 2016
New York, New York



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SHE SAID “NYET” TO BOUNDARIES

Russian literature and aluminum alloys typically don't go hand in hand, but that never stopped Jennifer Andrews from pursuing materials science engineering, Russian and more. Her passions have taken her from Cheyenne, Wyoming, to East Lansing and now to Romania where, as a recent MSU graduate, she joined Emerson Electric's Engineers in Leadership Program.

Jennifer's path to MSU was the STARR scholarship, as she chose MSU over other offers from MIT and Princeton.

The STARR Charitable Foundation, funded by two Spartans who wish to remain anonymous, provides four years of full support at MSU for students of high character and academic achievement who are from either Wyoming or Michigan's Upper Peninsula. To date, STARR has provided this level of support for 109 distinguished individuals like Jennifer, 46 of them current students.

Learn more about Jennifer's extraordinary experience at go.msu.edu/andrews

Half and full scholarships are needed now more than ever. To explore opportunities, contact Senior Director of Development for Scholarships and Fellowships Jennifer Bertram at bertram9@msu.edu or call (517) 432-7330.