LONG LIVE THE 'KING'
Saving the monarch butterfly
PG. 18
How Iowa State’s campus evolved is the story of American democracy, one in which the vision, dreams and actions of individuals still play a vital role in how our collective identity and destiny are shaped.

By Veronica Lorson Fowler

Reflecting our past
Beloved by students since the 1920s, the Memorial Union and Lake LaVerne both still reflect the sylvan campus envisioned by Iowa State’s founders.

Photo Illustration: Erich Ernst and Ryan Peterson
I’ve always doubted the lasting impression Iowa State University’s campus makes on students, consider Olive Mugenda.

In the 1980s, Mugenda traveled from her native Kenya to earn her master’s and doctoral degrees in family environment education at Iowa State, and fell in love with its campus. Now, as vice chancellor at Kenya University in Nairobi, she has incorporated elements of Iowa State’s campus design and features into her own campus.

In particular, Mugenda drove the planning and construction of an imposing 13-story campanile at Kenya University, which serves to preserve and showcase the university’s rich heritage. “Our campanile was inspired by the one I saw at Iowa State when I was a student,” she says. “I admired it and vowed to have something like that one day if I was in a position to do it.”

The inviting, open green space at the heart of Iowa State’s campus “made a good environment for study and leisure,” Mugenda says. “I am doing the same at Kenya University, which is now the most beautiful campus in Kenya.”

Yet beauty is just one element she wanted to transfer from her alma mater to Kenya University’s campus halfway around the world. Mugenda, an international leader and champion of advancing educational opportunities, sought to create a campus environment like Iowa State’s that embodies Kenya University’s unique culture and values, and so will inspire succeeding generations of students to become keepers of the university’s mission.

Our core values expressed

A similar commitment to detail on Iowa State’s campus to create a setting that would inspire Iowa’s children began with its first president, Adonijah

Welch. Yet it is the way in which beauty has been integrated into the learning environment at Iowa State that is likely unprecedented in American higher education, says Lynnette Pohlman, classes of 1972 and 1976, and director and chief curator of University Museums at Iowa State.

According to Pohlman, the campus’s design is rooted in the Morrill Land-Grant Act of 1862, based on the fundamental principle that a democracy can thrive only with an educated citizenry. Welch fully embraced the fledgling college’s land-grant mission and the importance of a campus that was useful both for learning through practice and for its aesthetic appeal.

“It’s quite intentional – expressing beauty as a core practical value, that aesthetics are an essential part of education,” Pohlman says. “And it’s a natural extension of our land-grant mission because it achieves a very practical outcome, that of surrounding students with beauty in a way that nurtures them both intellectually and emotionally.”

In fact, this is the central premise of the book “Campus Beautiful: Shaping the Aesthetic Identity of Iowa State University,” published this fall by University Museums.

By the time he came to the college in 1869, Welch, a landscape gardener, had embraced the new American democratic landscape aesthetic introduced in New York’s Central Park, designed by Frederick Law Olmsted and Calvert Vaux beginning in 1858. Paula Mohr, an Iowa architectural historian who has completed scholarly research on Central Park’s architecture and sculpture, says Olmsted believed that the design of American college campuses should likewise express the American democratic ideals that would contribute
A garden rooted in heritage

Launched with a gift from 1967 Iowa State graduate Roy Reiman and his wife, Bobbi, a 2006 honorary alumna, Reiman Gardens opened as a five-acre property in September 1998. The Reimans' initial gift, as well as their love of Iowa State's natural beauty, breathed new life into Iowa State's Horticultural heritage—that of the campus as a living laboratory as well as a setting designed to inspire its community of learners. Vaughn Speer, emeritus professor of animal science, and alumna Ann (Woodard) Jennings were among the first volunteers, known as CoHorts. Led by Patty Jischke, wife of then president Martin Jischke, "I remember moving soil in the middle of winter central campus, then transplanted the seedlings to Reiman Gardens' plots."

"I remember moving soil in the middle of winter and working in that very warm greenhouse," Jennings says.

Twenty years later, Reiman Gardens has blossomed into a 17-acre year-round attraction and outdoor classroom, home to nearly 40 individual gardens, a conservatory, a learning center, and the Christina Reiman Butterfly Wing, featuring butterflies native to six continents.

President Steven Leath has made campus beautification one of his priorities, with Iowa State First Lady Janet Leath leading landscaping efforts on campus anticipated to include improvements to Reiman Gardens' entrance in the next few years. "My hope for Reiman Gardens is that it will continue to be a showcase for the university," Jennings says.

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Iowa State’s distinctive campus aesthetic would not be established, however, until the 1930s, when then-president Raymond Hughes brought sculptor Christian Petersen to campus to create site-specific works of art reflecting the core mission of Iowa State and its academic disciplines’ values and ideals. As a result, Pohlman says, "Hughes and Petersen forever connected art, landscape and architecture as essential components of Iowa State’s academic identity."

Our identity shaped

That Iowa State’s campus continues to reflect our culture and values is due in part to the university’s unique administrative structure. Campus units like University Museums curate the sculptures comprising artist Chuck Ginnever’s Rashomon series in the Food Sciences Building courtyard. The 15 identical sculptures in the exhibition, which takes its title from the Japanese film in which a story is told from multiple perspectives, can be placed in 15 different positions. Using high dimensional geometry and statistical algorithms, the students rotated the sculptures each week to present unique permutations within the series.

Programs that matter

In the series’ final installation, the sculptures were placed in 15 different positions on the green. After two years, the sculptures were rotated to new positions to create varying visual experiences.

"This assignment allowed us to see in different ways," said Debbie Nieder, a senior in landscape architecture. "We have to be creative and use the information we gain to turn that into something that can be enjoyed and appreciated by everyone...in the same way that the sculptures do."}

Beauty acclaimed

So great is the historical significance of Iowa State’s central campus that it was recognized as a medallion site by the American Society of Landscape Architects during its centennial celebration in 1989, one of only three main college campuses to receive this distinction.

The next pivotal moment in cementing Iowa State’s campus aesthetic came at the beginning of the 20th century. Inspired by the 1903 World’s Columbian Exposition in Chicago, which established a unique American civic style, the college constructed seven limestone Classical Revival buildings, locating them around Welch’s picturesque park. An article in “Camps Beautiful” by Wesley Shank, professor emeritus of architecture and an architectural historian, “In this way, the beauty of central campus rises to more than the sum of its parts.”

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the keeper of our mission is critical to our success.

Mark Engelbrecht, class of 1971 and emeritus dean of the College of Design, has watched campus growth for decades. “We have an increasingly difficult challenge, with enrollment at record levels,” he says. “The perimeter of campus has filled in, with no adjacent land for expansion. ‘We’re run out of space. It’s no longer purely this ideal, bucolic space. There are now more urban design issues.’

Students, too, are changing. They expect a learning-living environment that includes cutting-edge technologies, sophisticated recreational facilities, and more options for dining and entertainment. One solution, Engelbrecht says, is keeping Iowa State’s historic buildings relevant in ways that respect the past but also embrace contemporary needs. Successes he cites are Curtiss, Morrill and Catt halls, as well as Marston Hall’s renovation, currently underway.

Incorporating site-specific public art is also key, Pohlman adds. Sculptures, murals and other art, created by artists who have been engaged by committees composed of students, faculty, staff and alumni, carry the ideals expressed in central campus to new facilities and spaces farther out. “We must view our entire campus as an aesthetic statement whose purpose is to serve the educational interests of students.”

Our campus transformed

As our history shows, such integration must be intentional. A top goal of Iowa State University President Steven Leath is ensuring that Iowa State’s campus continues to attract and serve students, while also remaining the special place alumni remember.

Leath has initiated the acquisition of a number of works of art into the Art on Campus Collection, and launched several beautification initiatives, including a campus-wide project with annual investments to improve all areas of the grounds, such as the 43-foot-wide engraved Iowa State University wall installed on Union Drive this summer. Also envisioned is the creation of a grand new south entrance to campus, led by a $25 million gift from 1957 Iowa State graduate Roy Reiman and his wife, Bobbi, a 2006 honorary alumna, that integrates Reiman Gardens’ horticultural beauty with another Iowa State landmark, Jack Trice Stadium. (See “A garden rooted in heritage,” p. 7, and “In the ‘Clone zone,” p. 9.)

Many of these enhancements would not be possible without philanthropy. Iowa State has a vibrant legacy of alumni and friends working side by side with administrators, faculty, staff and students. Much like in the university’s earliest days, they, too, have shaped Iowa State’s aesthetic identity through investing their creative, intellectual and physical energy in all areas of campus.

As expressed in “Campus Beautiful,” “We must invest in our campus not simply for beauty’s sake but foremost and always for the intellectual qualities and the interpretive rigor its aesthetic elements require of us as an institution of higher education…. [O]ur aesthetic campus stimulates curiosity, creativity and contemplation, all of which are vital components for discovery—and fundamental to students developing the critical thinking they will employ in their homes, workplaces and communities to make the world a better place to live.”

What you can do

Philanthropic investments in Iowa State’s campus landscape, buildings and art are an investment in Iowa State’s students and the future, such as:

°French flower beds and hardy perennials installed on Union Drive this summer.

In the ‘Clone zone

Creating a stunning entrance to campus and a dramatic game-day football environment is the recently completed project to enclose Jack Trice Stadium’s south end zone, made possible in part through philanthropic support, including the lead gift from Roy and Bobbi Reiman, and end zone naming gift from the Sukup Family.

Learn more

LEARN MORE

To learn more about the book “Campus Beautiful: Shaping the Aesthetic Identity of Iowa State University,” go to www.museums.iastate.edu/CampusBeautiful.html.
GREATER THAN THE SUM OF ITS PARTS

Philanthropic investments in Iowa State’s Department of Mathematics have multiplied exponentially for students, contributing to the department’s national award.

By Veronica Lorson Fowler | Photo by John C. Thomas

Josh Thompson has never met Barbara Janson, but she changed his life.

Thompson, an Iowa State University senior in mathematics from Bettendorf, Iowa, attended a world-view-changing workshop at Vanderbilt University in Nashville, Tennessee, last year.

The academic presentations were certainly interesting, he recalls, but what really fascinated him was rubbing shoulders with graduate students, postdocs and distinguished academics from around the world. “I got to see how mathematicians talk to each other,” he says, “about the things they didn’t know and how to approach problems, the way they bounced ideas off each other and talked it through.”

He was accompanied by Cliff Bergman, chair of Iowa State’s Department of Mathematics and the Barbara J. Janson Professor in Mathematics, and postdoctoral fellow William Demeo, who was Thompson’s mentor. Bergman used Janson Professorship funds for Thompson and DeMeo to travel to the workshop.

For Thompson, the experience was illuminating. “It made me want to study math more and to pursue graduate work.”

His isn’t an unusual case. Many more mathematics students like him are benefiting from being part of Iowa State’s strong mathematics department, which was recognized this year with the American Mathematical Society Award for Exemplary Program or Achievement.

The AMS cites the department’s excellence in several areas, including undergraduate education and research opportunities, diversity efforts, mentoring and teamwork, all of which enable students to better engage intellectually with their major and set them up for outstanding graduate and professional opportunities down the road.

With Janson Professorship funds, Bergman has been able to expose undergraduates to the bigger world of mathematics through conferences all around the country, such as the one Thompson attended. Bergman has also underwritten undergraduate research projects, including paying students on an hourly basis. DeMeo’s postdoc is partially supported by the Janson Professorship, as well.

Another of the department’s strengths AMS cited is the increase in the number of its underrepresented students, including women and minorities, who go on to graduate school in mathematical sciences, according to Leslie Hogben, the department’s diversity director and holder of the Dio Lewis Holl Chair in Applied Mathematics.

Hogben, in keeping with the purpose of the Holl Chair, has directed and mentored students in Iowa State’s Mathematics Research Experiences for Undergraduates program, and has led a number of workshops at Iowa State to educate and inspire middle and high school mathematics teachers.

The AMS recognition is evidence that private support is key in helping Iowa State deliver a top-notch mathematics education, Bergman says, ensuring students like Thompson live up to their potential.

“Josh is very talented and is at a place where he is just soaking up everything that comes his way,” Bergman says. “It’s great that we have the resources to give him these opportunities – something you ordinarily see only at elite private colleges.”

By Veronica Lorson Fowler | Photo by John C. Thomas
FALL 2015

THE SCIENCE OF DETECTING THE ART OF DECEPTION

With support from the John D. DeVries Endowed Chair in Business, Joey George is exposing dishonesty online.

By Thomas R. O’Donnell | Illustration by Eva Vazquez

MOST PEOPLE KNOW emails promising money from a Nigerian prince are scams, but there’s a reason such messages still flood in-boxes, Joey George says: They often work. “People are terrible at detecting deception,” with accuracy only about as good as flipping a coin, says George, the John D. DeVries Endowed Chair in Business at Iowa State University. His research focuses on detecting deceit in computer-mediated communication, like email, smartphone texting and video chat.

With training, people can detect 60 to 67 percent of lies, George says, but then the risk of false positives – identifying honest communications as dishonest – also increases.

The lesson is to stay skeptical, at home and at work. “Just because you’re communicating with somebody by email, text or phone, or talking to them on Skype [video conferencing] doesn’t mean they’re 100 percent honest,” George says. “People can lie through any medium.”

For businesses, online deceit is a particular threat, especially in hiring. Many screen potential job applicants by phone or video conference. George’s research helps identify possible clues like body language and voice tremors. “We can try to see the indicators that they’re not being honest, and help people identify those.”

Support from the DeVries Chair has helped George advance his research. Funds from the chair’s endowment have covered equipment and travel, but it has mainly let him devote more time to research, attending conferences and writing papers for publication. In fact, in 2014 George was recognized with the prestigious LEO award for Lifetime Exceptional Achievement in Information Systems by the Association for Information Systems for his contributions to the field throughout his career.

Group and cross-cultural interactions are the next deception research frontiers in computer-mediated communications, George says. “People overwhelmingly work in teams,” but little research has been done on deceit in that context. As companies look to maximize their ability to hire and retain good-fit employees, better understanding what goes into building cohesive, effective teams, where trust among interacting members is required, will be crucial.

International collaborations add yet another layer of challenges for businesses, where differences in culture, language and even gestures must also be taken into account when determining whether someone is being honest.

Cross-cultural communication was part of the research done by Manjul Gupta, the first doctorate recipient George has graduated from Iowa State. Funds from the DeVries Chair were key to completing his dissertation, Gupta says, especially for the purchase of sophisticated video equipment, and for covering his registration for one of the top international conferences on system sciences, where he presented a paper. “That was really good exposure,” Gupta says. “Some of the most influential scholars in the field were there” to critique his work directly.

Meanwhile, George says his research has made him more adept at spotting online deception than the average person, but it hasn’t provided an advantage on the other side of the equation. “I’m a terrible liar,” he admits. “People can tell if I’m lying pretty quickly.”

GIFTS AT WORK / WITH IMPACT

Something smells phishy
How pervasive – and damaging – is phishing, the fake emails to consumers mimicking messages from banks and other institutions?

• In 2008, 5 million Americans suffered an average loss of $351 in phishing attacks, found a Gartner, Inc. survey reported in SC Magazine.
• A survey by the Anti-Phishing Working Group, a coalition of over 2,000 organizations, found at least 123,486 unique attacks were launched worldwide in 2012; each could have affected millions of people.
• In 2013, 23 percent of recipients opened phishing messages, cellphone service provider Verizon reported; 11 percent opened attachments.

Click bait
As we spend greater amounts of time tethered to our devices, so multiplies the chance we’ll fall prey to deceptive e-communications.
Bridging the global gender gap

Like many Iowa State students, Iman Kashmola dreamed of studying abroad. Her technical genetics major didn’t offer many options for travel, however. So when she heard about the inaugural Stanley Global Leadership Study Abroad Scholarship program’s trip to Sweden, “I knew I had to take the opportunity,” she says.

This past May, Kashmola, along with 19 other students and two faculty members affiliated with the Carrie Chapman Catt Center for Women and Politics, embarked on a four-week trip to Sweden to study, explore and learn about the leadership, culture and politics of the progressive country. “The program is designed so students can gain a global perspective on gender equality and equity,” explains Cameron Beatty, one of the program’s faculty in Sweden.

Kashmola and many other students were able to go to Sweden because they received the Stanley Global Leaders Scholarship, established through a gift from Richard and Mary Jo Stanley of Muscatine, Iowa. “It’s wonderful to realize that there are people who understand and value the importance of being a global citizen, and who want to help students experience that,” she says.

“Having time in the classroom, then going out and learning through experience and talking to people makes this program different,” says assistant professor Kelly Winfrey, the other faculty member on the trip. Students met with local business leaders and officials, including the political adviser to the minister of foreign affairs, to gain insight into the position of Swedish women, who hold a high percentage of the country’s leadership roles.

“There were lots of parallels that we could draw between the progressive policy implementations in Sweden and the U.S. Learning about some of the obstacles women in America face was really eye-opening,” says Kashmola. “There’s so much more in our society that we can be doing. We were thinking of ways to tie that back to different student organizations and opportunities at Iowa State.”

IMPACT

BIRT NAMED TO NATIONAL ACADEMY OF MEDICINE

Diane Birt, a Distinguished Professor of food science and human nutrition, was elected to the National Academy of Medicine, considered one of the highest honors in the fields of health and medicine, for her professional achievements in nutrition research and commitment to service. Birt is the second Iowa State faculty member named to the National Academies this year. Catherine Kling, economics, was elected in April to the National Academy of Science.

IMPACT

Ample opportunities

Zoe Hosch’s list of interests and goals is extensive. “My life plans include writing a book, creating and starring in my own comedy show, starting a photography business, traveling the world, and working in film and television,” she says.

The sophomore’s enthusiasm for entrepreneurship and creative pursuits made choosing a major during her first semester at Iowa State difficult. In order to continue to explore her interests before settling into a specific course of study, Hosch chose to be an open-option major along with nearly 25 percent of the incoming freshman class. “I had so many ideas of things I could do,” she says.

The academic environment offered in the College of Liberal Arts and Sciences encouraged Hosch to investigate and explore different majors and opportunities. She delved into her various interests through a drawing course in the College of Design, as well as a few of the more than 800 on-campus clubs and organizations. After spending her freshman year learning about all Iowa State had to offer, she chose a pre-integrated studio arts major.

Hosch credits the Mary Runsvold Sissel Scholarship for open-option majors she received, which gave her the ability to consider the possibilities without pressure. “Because of this scholarship, I was able to explore more areas without going into debt,” she says. “I am so grateful to be studying at such a great, supportive university.”

SUMMER OF LOVE OF WORK

This summer, the College of Human Sciences awarded scholarships of up to $2,000 each to 21 students to gain work experience in unpaid internships in fields ranging from summer enrichment programs to personal training, exercise, well-being, child advocacy, child protective services, maternal services, counseling, branding, event planning, technical design, and product development. The scholarships were made possible in part through the inaugural Dean’s Chair funded by two anonymous gifts to the College of Human Sciences.

THAT BIG BAND SOUND

At 348 student musicians, this fall’s ISU Cyclone Football ‘Varsity’ Marching Band is the largest ever.

Over the past five years, donors have provided more than $680,000 in support to the marching band.

(FUND) RAISING THE ROOF

Moving Students Forward, the five-year, $150 million fundraising initiative launched in September 2012, has surpassed its goal two years in advance, with more than $152.3 million raised for Iowa State students.

Rather than rest on such success, President Steven Leath has extended the initiative’s goal to $200 million. “Demand for an Iowa State education has reached unprecedented levels,” he said. “Thanks to the incredible generosity of our donors, we are able to advance Iowa State’s mission of making a high quality education affordable and accessible.”

LEARN MORE

go to movingstudentsforward.com.
Reaping the rewards of giving

When helping found a church in California, 1991 Iowa State alumnus Ryan Pellett and his wife hauled a trailer of equipment to run the service each Sunday. For Pellett, who recently received the 2015 Emerging Philanthropist award from the Iowa State University Foundation, the experience began a tradition of giving, including establishing an endowed scholarship for Iowa State students with entrepreneurial dreams in the world of agriculture, much like himself.

How did you develop your philanthropic interests and philosophy?
Early on a lot was just giving our time and energy. My wife, Susan, and I volunteered at our church in California, and we dedicated a lot of time to it. One Sunday a guest spoke on giving and receiving. A light went on in my head: If you give you’ll receive, though you can’t know when you will reap that reward, or how you will be rewarded. My wife and I adopted that philosophy, and over time put it to use in ways that meant something to us.

What does giving mean to you?
I have to believe in and be passionate about what I’m doing, and I like to see results – to know that my contribution, whether time or money, is having a positive effect on people.

What do you find most rewarding about giving to Iowa State?
I love seeing the students come through the Agricultural Entrepreneurship Initiative. Recently, some of them got together in [J.D. Heiskell & Company’s] Ankeny office. I brought in pizza and just brainstormed with them. It was one of my best days that month, sitting down with the company’s support, the renovated teaching laboratory will help us accommodate a growing number of undergraduate students interested in pursuing food science and culinary food science majors. The project will positively impact the quality of our teaching for decades to come.”

— Ruth MacDonald, chair of the department of food science and human nutrition. In May, the Nelson Foundation made a gift to renovate a 1,950-square-foot teaching laboratory in the Food Sciences Building into a modern facility with up-to-date equipment and space to enhance the student learning experience in food chemistry and food microbiology courses.

“MAKER SPACE’ GREEN-LIGHTED

Iowa State will receive $40 million from the state of Iowa toward construction of the Student Innovation Center, the yet-to-be-built, 175,000-square-foot hub for interdisciplinary student “maker” collaborations on campus. Funded via a public-private partnership, with half of its $80 million cost coming from the state, the other half raised through private gifts, the project benefited from a $20 million gift from an anonymous alumni couple last year.

“KIK-ING IT UP A NOTCH

Hanyu Yangcheng, a graduate student in food science and human nutrition, won the top prize in the Institute of Food Technologists Global Student Innovation Challenge, a national new food product development competition. Yangcheng won for developing KIK, a food stabilizer system that is a dry-blend of food gums that has the potential to revolutionize dairy products by making them taste and feel better, and last longer.

“Toward construction of the Student Innovation Center, the yet-to-be-built, 175,000-square-foot hub for interdisciplinary student “maker” collaborations on campus. Funded via a public-private partnership, with half of its $80 million cost coming from the state, the other half raised through private gifts, the project benefited from a $20 million gift from an anonymous alumni couple last year.”

— President Steven Leath, delivering the 2015 American Association for the Advancement of Science’s Charles Valentine Riley Memorial Foundation Lecture in June.

“36,001 students at Iowa State this fall, the 7th year of record enrollment and 9th consecutive year of growth
124 new tenured or tenure-track faculty joined Iowa State
More than 70 percent of direct-from-high school students are expected to participate in a learning community
89 percent of student credit hours taught by faculty.”

— Adam Striegel senior in agronomy and recipient of the Farrell Brothers Scholarship, which supports students interested in the agriculture industry.
LONG LIVE THE ‘KING’
Bringing back the monarch butterfly, practically and effectively.

By Kelsey Batschelet | Photo: Faye Dykema

THE CASE FOR CONSERVATION
Monarch butterflies are one of the most beloved species in the Americas, with their orange and black wings fluttering in fields and gardens across the continent. However, their population has been declining, with the midwestern United States serving as one of the most important areas for these butterflies to breed and overwinter.

THE CONSERVATION CONSPIRACY
The Iowa Monarch Conservation Consortium was established in 2011 to address the declining population of monarchs. The consortium brings together a wide range of stakeholders, including farmers, gardeners, and state agencies, to collaborate on initiatives that support monarch butterfly conservation.

THE SCIENCE BEHIND THE CONSERVATION
The consortium takes a science-based approach to enhancing monarch habitats. This involves researching monarch preferences for laying eggs on certain milkweed species, determining the ideal plants to grow in Iowa, and building a database of milkweed species that are most effective for monarchs.

THE LONG-TERM VISION
“Looking at ways to improve their habitat is critical to ensuring the long-term survival of monarchs,” says Sue Blodgett, chair of the Iowa Monarch Conservation Consortium. “The consortium’s efforts have already made strides in educating the public and conducting research on monarch habitats.”

RESEARCH AND EDUCATION
The consortium has been working with the Iowa Department of Natural Resources to develop a science-based approach to enhancing monarch habitats. This includes conducting research on monarch preferences for laying eggs on certain milkweed species, determining the ideal plants to grow in Iowa, and building a database of milkweed species that are most effective for monarchs.

THE FUTURE OF MONARCHS
The future of monarchs depends on the success of initiatives like the Iowa Monarch Conservation Consortium. By working together, we can help ensure that these beautiful butterflies continue to grace our landscapes for generations to come.

LEARN MORE
- monarch.ent.iastate.edu
- See the progress of monarchs migrating south to Mexico.
- Learn about current projects to research and build monarch habitats.
- Read an entomology graduate student’s blog post on her summer working “in peaceful prairies.”
- Find out how to get involved in bringing the monarch back to the Midwestern landscape.

Ways to Give
The Iowa State University Foundation can help you give a gift that moves lives forward.

The Hayeses
Nancy and I share a profound belief that education is the key to a better life. Although my career was in law, my mechanical engineering education at Iowa State was invaluable. The problem-solving skills that are central to engineering, along with the hard work ethic that Iowa State helped instill in me, were extremely helpful in both my legal education and my legal career. I have Iowa State to thank for that, and our gift to the Marston Hall renovation project is just one way of expressing that thanks.

- JOHN, class of 1966, and NANCY HAYES, of Davenport, Iowa, whose gift is helping renew the home of the College of Engineering, where John’s father, 1935 alumnus John E. Hayes, spent time while earning his degree in chemical engineering.

The Iowa State University Foundation does not discriminate on the basis of age, color, disability, national origin, race, religion, sex, sexual orientation, status as a U.S. veteran, or status as a person having an acquired immunodeficiency syndrome or acquired immunodeficiency syndrome infection, or as a person with a disability. Any person having inquiries concerning this may contact human resources, Iowa State Foundation, 515.294.4607.
Wholly cow!
Helping train veterinary students to handle difficult or abnormal deliveries is Frosty, a Holstein dystocia simulator in the College of Veterinary Medicine Clinical Skills Lab. A gift from members of the veterinary medicine Class of 1975, Frosty is named after the cow owned by Dr. Scott and Nancy Armbrust that won Supreme World Champion at the 2009 World Dairy Expo.