

U-M, Detroit Historical Society team up for bicentennial project

By Kim Clarke
Bicentennial Office

A new museum exhibition explores and celebrates the people and episodes connecting the University of Michigan and the city of Detroit, its birthplace 200 years ago.

Using historic images, rare books and documents, vintage film and 21st century sports memorabilia, the Bicentennial Office and the Detroit Historical Society are hosting “200 Years Young: Detroit and the University of Michigan,” through Oct. 8.

The exhibition is on display at the Detroit Historical Museum, located at 5401 Woodward Ave. in Detroit’s Midtown area.

“From the earliest days of planning the bicentennial, we knew we wanted to celebrate our founding in Detroit and all that has occurred since,” Bicentennial Office Executive Director Gary D. Krenz said. “The exhibit at the Detroit Historical Museum allows us to explore some of the best-known chapters in our history with Detroit, as well as share stories that may be new to people.”

U-M was founded in Detroit in 1817 and functioned, essentially, as a primary school and high school. Financial shortfalls and leadership issues made for a rocky first 20 years and, under a new state constitution, the university moved to Ann Arbor in 1837.



BENTLEY HISTORICAL LIBRARY

U-M faculty such as Psychology Professor Wilbert J. McKeachie worked with WWJ-TV to deliver telecourses to local viewers in the early 1950s.

Built around the six themes of the bicentennial, the exhibition features stories such as:

- **Serving the People:** Detroit mayors with U-M connections, ranging from the city’s first mayor, John R. Williams, who was an original trustee of the university, to current Mayor Mike Duggan, who holds two Michigan degrees.
- **Pursuing Ideas:** Alumnus and

faculty member Henry F. Vaughan, who led the Detroit Department of Health as the city was dealing with an early 20th century boom in population and industry, and the related problems of overcrowding, weak housing codes and poor public sanitation.

- **Teaching Powerfully:** U-M’s

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“The exhibit at the Detroit Historical Museum allows us to explore some of the best-known chapters in our history with Detroit.”

— GARY D. KRENZ

U-M, partners predict harmful summer algal bloom for western Lake Erie

By Jim Erickson
Michigan News

University of Michigan researchers and their partners predict that western Lake Erie will experience a significant harmful algal bloom this summer, potentially reaching levels last seen in 2013 and 2014, though smaller than the record bloom of 2015.

The Lake Erie forecast was released July 13 by the National Oceanic and Atmospheric Administration, which funds the research.

This year’s Lake Erie bloom is expected to measure 7.5 on the severity index but could range between 6.5

More information

- **Lake Erie Harmful Algal Bloom forecast:** graham.umich.edu/scavia/wp-content/uploads/2017/07/2017-LakeErieBloomForecastRelease.pdf
- **Gulf of Mexico hypoxia forecast:** graham.umich.edu/scavia/wp-content/uploads/2017/06/2017-Gulf-of-Mexico-Hypoxic-Forecast.pdf
- **Chesapeake Bay hypoxia forecast:** graham.umich.edu/scavia/wp-content/uploads/2017/06/2017-Chesapeake-Bay-Hypoxic-Volume-Forecast.pdf

and 9. An index above 5 indicates a potentially harmful bloom. The severity index is based on a bloom’s biomass — the amount of its harmful algae

— over a sustained period. The largest blooms, in 2011 and 2015, were 10 and 10.5, respectively.

Early season predictions from

NOAA and its partners called for a larger than normal bloom. This is the final seasonal forecast.

The size of an algal bloom isn’t necessarily an indication of how toxic it is. The toxins in a large bloom may not be as concentrated as in a smaller bloom. NOAA is currently developing tools to predict how toxic blooms will be.

“This year’s bloom is likely to be significantly larger than the average, approaching some of the largest blooms on record, including the one that caused the city of Toledo to issue

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New solar car

The sun-powered vehicle that the University of Michigan’s top-ranked Solar Car Team will race in a global contest this fall is the smallest and most aerodynamic that any U-M team has ever built.

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“I love the work I do in higher education and I love the work I do in fashion.”

— La’Joya Orr

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U-M named ‘Great College to Work For’ 10th year in a row [Page 2](#)

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U-M offers opportunity, access through summer debate camp [Page 10](#)



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U-M named 'Great College to Work For' 10th year in a row

By **Dave Reid**
University Human Resources

The University of Michigan has been recognized as a great place to work by the Chronicle of Higher Education for a 10th straight year.

The university was specifically recognized for outstanding benefits and compensation, based on the results of the Chronicle's 2017 "Great Colleges to Work For" survey of faculty and staff.

According to the Chronicle, 232 institutions participated in the survey

in 2017, and 79 colleges and universities made the list.

Results are based on a two-part assessment process: an institutional audit that captured demographics and workplace policies, and a survey.

The Chronicle uses ModernThink LLC, a human capital consulting firm, to conduct surveys of faculty and staff at participating institutions. Survey feedback is the primary factor in determining which institutions are recognized.

Money Magazine ranks U-M No. 3 in 'Best Colleges for Your Money'

By **Kim Broekhuizen**
Public Affairs

The University of Michigan is ranked No. 3 by Money Magazine's "Best Colleges for Your Money."

The ranking looked at 711 colleges and evaluated them on 27 factors within three broad categories: educational quality, affordability and alumni success.

New to this year's "outcomes" category, Money included exclusive data from LinkedIn and Burning Glass Technologies on the market value of the most commonly listed skills for alumni.

Data also was compiled for the ranking from the U.S. Department of Education, Peterson's Guide to Colleges, PayScale.com and Money/

College Measure calculations.

In June, the university launched a new financial aid program for in-state students on the Ann Arbor campus that offers a "Go Blue Guarantee" of free tuition for up to four years for students with a family income of up to \$65,000.

The \$65,000 benchmark is roughly equal to the state's 2015 median family income of \$63,893. These students also may be eligible for additional aid to cover non-tuition costs.

U-M has long made financial aid a priority, and again this year financial aid was increased by 9.5 percent (\$15.3 million) in the general fund budget, bringing the total budget for need-based undergraduate financial aid to \$176.7 million in the coming year.

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Kenneth C. Fischer, former president of the University Musical Society, recently was named president emeritus by the UMS Board of Directors. The recognition honors his 30-year tenure and legacy of leadership and innovation. Fischer retired from UMS on June 30. Under Fischer's leadership, UMS officials said the organization expanded and diversified its programming and audiences, deepened its relationship with the University of Michigan and local communities, took an active role in commissioning new works and received significant grant funding.



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Top U.S. solar car team goes small to win big in 2017

By Ben Logan
College of Engineering

The sun-powered vehicle that the University of Michigan's top-ranked Solar Car Team will race in a global contest this fall is the smallest and most aerodynamic that any U-M team has ever built.

The long, skinny, single-fairing car is named Novum — Latin for “new thing.”

For a week in October, a 17-member race crew will guide it across the Australian Outback in the Bridgestone World Solar Challenge. Top collegiate teams from around the globe compete in the 1,800-mile event, which takes place every other year.

The U-M team has been the reigning U.S. champion for more than a decade, having won the past six American Solar Challenges, including in 2016. The team has finished third in the world race five times in its 27-year history.

The students unveiled Novum July 7 at Ann Arbor's Michigan Theater. Measuring just more than one meter across, it's roughly 40 percent narrower than the team's last vehicle, Aurum. Simulations show that it's around 20 percent more efficient. Beyond its design, the manufacturing process and solar technology behind this 14th-generation car are also unique compared with its predecessors.

“There are two ways to improve,” said Clayton Dailey, engineering director and a senior studying mechanical engineering. “You either refine an iteration of a previous design or you change something drastically. This year we're going for a drastic change. We're doing something that hasn't been done before — going to the unknown.”



EVAN DOUGHERTY, MICHIGAN ENGINEERING

Solar Car Team members Peter Rohrer, operations director, and Caroline Subramoney, micro systems engineer, clean the surface of Novum. Both undergraduates, Rohrer is studying naval architecture and marine engineering and Subramoney is studying computer engineering.

“My teammates and I designed a lot of strange looking cars — all the crazy ideas we thought of trying in the past.”

— JIAHONG MIN

The team had considered building a small car in the past, but this time, other factors pushed the students to take the leap. First, race officials reduced the maximum size of a solar array area by roughly a third. Second, the team was able to secure high-tech, “multijunction” gallium arsenide solar cells. They're roughly 35 percent efficient, compared to silicon cells' 20 percent.

The last three U-M solar cars have been powered by silicon, but all previous vehicles used gallium-based arrays — ranging in junction variety and efficiency. In the eight years since the last gallium arrays, the technology has rapidly evolved, whereas silicon has plateaued. Novum's will be the most advanced gallium cells the team has ever used.

“Flat-panel silicon is basically maxed out in terms of efficiency,” said Rachel S. Goldman, a professor of materials science and engineering, electrical engineering and computer science, and physics, who works on gallium arsenide cells and is not affiliated with the team.

Novum's gallium array is less than half the size of the previous car's silicon counterpart, yet the team expects it to generate enough energy to maintain average speeds of

50-55 mph in Australia — similar to Aurum's.

“Going from silicon to multijunction is a big jump in efficiency,” said Eric Brown, race array engineer and a junior studying electrical engineering. “These types of cells are found in places where space is at a premium but you need a lot of energy. So, for example, satellites use them quite a bit. There are also different things you can do to mitigate losses from curvature and shading that you can't do with silicon.”

The array's smaller footprint allowed the design team more freedom.

“My teammates and I designed a lot of strange looking cars — all the crazy ideas we thought of trying in the past,” said Jiahong Min, aerodynamics leader and a graduate student studying mechanical engineering. He studied aerospace engineering as a U-M undergraduate. “There was a lot of trial and error, but experiments showed that making it narrower was more efficient than making it shorter.”

The team's two previous cars had a catamaran-style body with two parallel hulls. The students moved the hulls closer together as they designed narrower concepts, “until at one point we said, what if we just merge them?” Min recalled. “And then — bam — that's how the shape came together.”

To ensure that this narrower car can handle the crosswinds of the Outback, the team conducted wind tunnel tests and simulations to examine every angle and wind speed it might encounter. They'll also do road testing, including a mock race around Michigan's Lower Peninsula this summer. The World Solar Challenge begins Oct. 8.

“I think this race will usher in the next era of solar cars,” Dailey said.

Christina Olsen named director of U-M Museum of Art

By Kim Broekhuizen
Public Affairs

Christina Olsen, the director of Williams College Museum of Art in Massachusetts, has been named the new director of the University of Michigan Museum of Art.

Her five-year appointment, approved July 20 by the Board of

Regents, is effective Oct. 30.



Olsen

Olsen will serve following Joseph Rosa, who left the university in September 2016 to join the Frye Art Museum in Seattle. Kathryn Huss,

deputy director and chief administrative officer of UMMA, has served as interim director.

President Mark Schlissel said Olsen “has a distinguished track record of innovation in merging the scholarly and community components of art museums, both of which are hallmarks of the University of Michigan Museum of Art.”

“Christina brings deep knowledge of art and museums to the directorship of UMMA. Her commitment to collaboration and inclusion shape her work with students, faculty, the public and other cultural institutions,” said Interim Provost Paul N. Courant in recommending Olsen for the position. “I have great confidence in her ability

to build on UMMA's excellence, enhancing the contributions it makes to education, research and civic life. We look forward to Dr. Olsen joining us and to exciting times at the museum.”

Since Olsen joined the Williams College Museum of Art in 2012 as the Class of 1956 Director, she has built the museum's national reputation around critically acclaimed exhibitions and publications, and new creative forms of faculty and student engagement.

“I'm excited by the University of Michigan's deep commitments to global research across disciplines, diversity and equity and collaborating with local communities in Michigan,” Olsen said. “I can't imagine a better set of priorities from which to shape an internationally important and dynamic art museum for the 21st century.”

Under her leadership, the museum's budget and staff have grown significantly and key enhancements to the facility have been approved. Olsen led the museum's first campuswide strategic planning process, which led to the endorsement of a plan by the college president and faculty that was called “Spark, Think, Make.”

She began her career as the associate producer at the Museum of Modern Art in San Francisco. In 1997, she joined the J. Paul Getty Museum

where she began as the editor for one of the first digital museum collection systems, Art Access, and was promoted to manager shortly thereafter.

In 2005, Olsen joined the Getty Foundation as a program officer where she managed and directed the foundation's \$4 million in global grants for institutional research and education. She developed and launched the Online Scholarly Cataloguing Initiative, an influential global initiative centered on developing prototypes for online scholarly catalogs for museums.

In 2008, she joined the Portland Art Museum as director of education, where she developed new programs and exhibitions centered on contemporary artistic practice. She also developed the museum's first education committee.

Olsen is a member of the American Alliance of Museums and Association of Art Museum Directors and was an adviser to the Getty Foundation. She taught at the University of Pennsylvania and Williams College.

Among many invited talks and presentations, Olsen was the featured speaker at “The future of the college/university art museum” at Harvard University. She has curated and produced a range of exhibitions and programs, including Shine a Light, a highly acclaimed annual museumwide exhibition and event

in Portland, Oregon; Object Stories, an installation, audience and participation and outreach initiative, and more recently Accession Number, an exhibition at the Williams College Museum of Art.

Olsen received a bachelor's degree in history of art, with honors, from the University of Chicago, and both a master's degree and a doctorate in art history from the University of Pennsylvania.

UMMA is one of the oldest and largest art museums in the country, serving a worldwide academic community, as well as regional K-12 schools and public audiences. The museum welcomes more than 250,000 onsite visitors each year.

Its comprehensive collection represents more than 150 years of art collecting at U-M, and includes more than 21,000 objects that span many different cultures, eras and media. With deep holdings in American, Asian and African art, UMMA's Chinese and Japanese paintings and ceramics, Korean ceramics and sculptures from central Africa are among the finest in North America. Other collection highlights include works by James McNeil Whistler, Pablo Picasso, Claude Monet, Andy Warhol, Max Beckmann, Kara Walker, Helen Frankenthaler, Sally Mann, Louis Comfort Tiffany, Alberto Giacometti and Joshua Reynolds.

Nanoparticles could spur better LEDs, invisibility cloaks

By Gabe Cherry
College of Engineering

In an advance that could boost the efficiency of LED lighting by 50 percent and even pave the way for invisibility cloaking devices, a team of University of Michigan researchers has developed a new technique that peppers metallic nanoparticles into semiconductors.

It's the first technique that can inexpensively grow metal nanoparticles both on and below the surface of semiconductors. The process adds virtually no cost during manufacturing and its improved efficiency could allow manufacturers to use fewer semiconductors in finished products, making them less expensive.

The metal nanoparticles can increase the efficiency of LEDs in several ways. They can act as tiny antennas that alter and redirect the electricity running through the semiconductor, turning more of it into light. They can also help reflect light out of the device, preventing it from being trapped inside and wasted.

The process can be used with the gallium nitride that's used in LED lighting and can also boost efficiency in other semiconductor products, including solar cells. It's detailed in a study published in the *Journal of Applied Physics*.

"This is a seamless addition to the manufacturing process, and that's what makes it so exciting," said Rachel Goldman, professor of materials science and engineering, and physics.

"This is a seamless addition to the manufacturing process, and that's what makes it so exciting."

— RACHEL GOLDMAN

"The ability to make 3-D structures with these nanoparticles throughout is going to open a lot of possibilities."

The key innovation

The idea of adding nanoparticles to increase LED efficiency is not new. But previous efforts to incorporate them have been impractical for large-scale manufacturing. They focused on pricey metals like silver, gold and platinum. In addition, the size and spacing of the particles must be very precise; this required additional and expensive manufacturing steps. Furthermore, there was no cost-effective way to incorporate particles below the surface.

Goldman's team discovered a simpler way that integrates easily with the molecular beam epitaxy process used to make semiconductors. Molecular beam epitaxy sprays multiple layers of metallic elements onto a wafer. This creates exactly the right conductive properties for a given purpose.

The U-M researchers applied an ion beam between these layers — a step that pushes metal out of the semiconductor wafer and onto the surface. The metal forms nanoscale particles that serve the same purpose as the pricey

gold and platinum flecks in earlier research. Their size and placement can be precisely controlled by varying the angle and intensity of the ion beam. And applying the ion beam over and over between each layer creates a semiconductor with the nanoparticles interspersed throughout.

"If you carefully tailor the size and spacing of nanoparticles and how deeply they're embedded, you can find a sweet spot that enhances light emissions," said Myungkoo Kang, a former graduate student in Goldman's lab and first author on the study. "This process gives us a much simpler and less expensive way to do that."

Researchers have known for years that metallic particles can collect on the surface of semiconductors during manufacturing. But they were always considered a nuisance, something that happened when the mix of elements was incorrect or the timing was off.

"From the very early days of semiconductor manufacturing, the goal was always to spray a smooth layer of elements onto the surface. If the elements formed particles instead, it was considered a mistake," Goldman said. "But we realized that those 'mistakes' are very similar to the particles that

manufacturers have been trying so hard to incorporate into LEDs. So we figured out a way to make lemonade out of lemons."

Toward invisibility cloaks

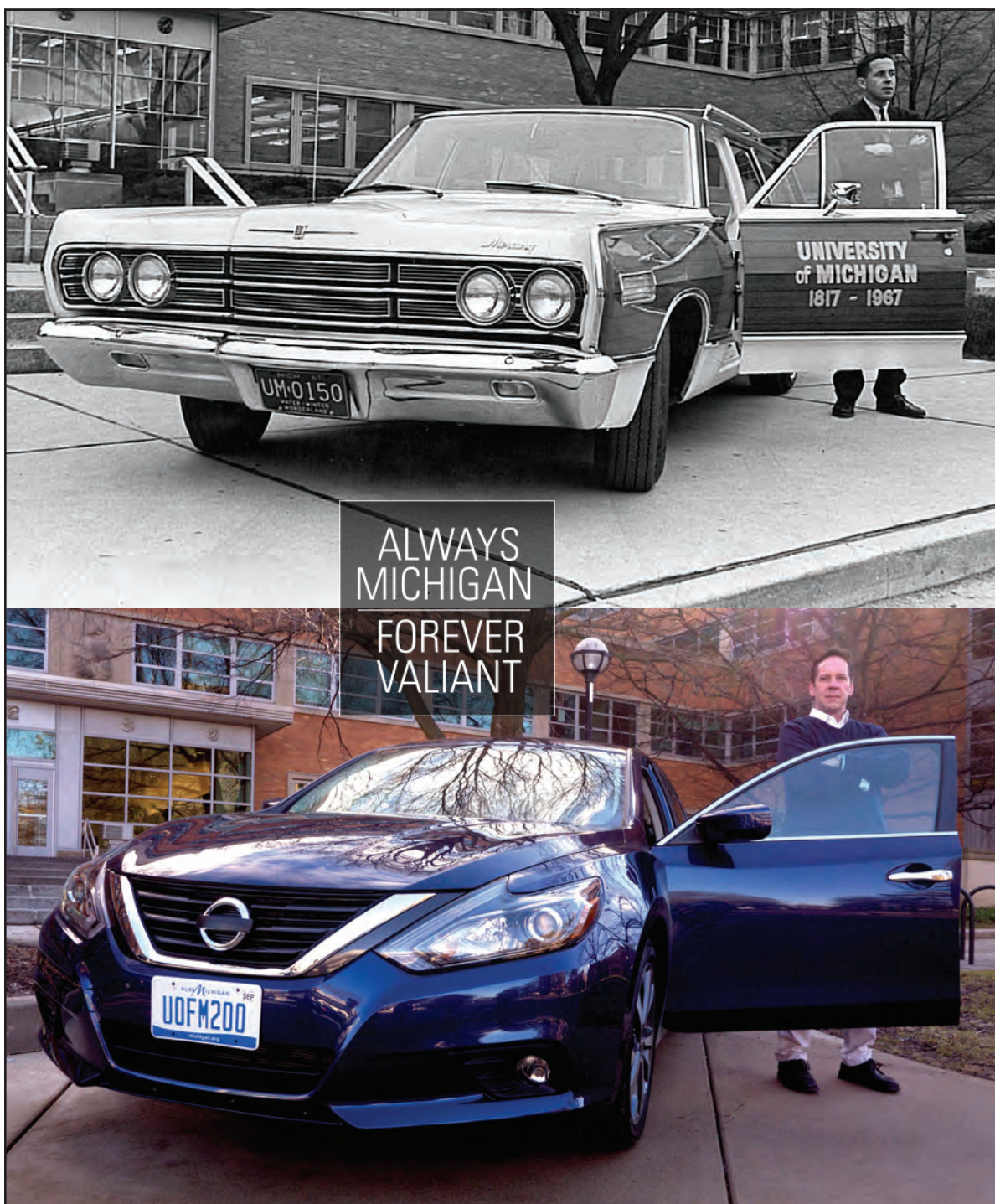
Because the technique allows precise control over the nanoparticle distribution, the researchers say it may one day be useful for cloaks that render objects partially invisible by inducing a phenomenon known as "reverse refraction."

Reverse refraction bends light waves backwards in a way that doesn't occur in nature, potentially directing them around an object or away from the eye. The researchers believe that by carefully sizing and spacing an array of nanoparticles, they may be able to induce and control reverse refraction in specific wavelengths of light.

"For invisibility cloaking, we need to both transmit and manipulate light in very precise ways, and that's very difficult today," Goldman said. "We believe that this process could give us the level of control we need to make it work."

The team is now working to adapt the ion beam process to the specific materials used in LEDs — they estimate that the higher-efficiency lighting devices could be ready for market within the next five years, with invisibility cloaking and other applications coming further in the future.

The study is titled "Formation of embedded plasmonic Ga nanoparticle arrays and their influence on GaAs photoluminescence."



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UNIVERSITY OF MICHIGAN
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SVSU receives \$1.4M to improve rural Michigan health care

Saginaw Valley State University has won federal funding to improve health care delivery for residents in rural areas immediately and into the future. A grant of \$1.39 million will support an innovative approach that will place graduate students in SVSU's nurse practitioner program into the field to provide patient care, and will prepare them for careers in rural settings.

Peter Mitchell named LSSU interim president

Lake Superior State University's Board of Trustees has selected Peter T. Mitchell to serve as interim president, effective July 1. He replaces LSSU's eighth president, Thomas Pleger, who died May 7 after a brief illness. Interim provost David Roland Finley had been serving as LSSU's acting president since then.

PEER INSTITUTIONS

NFL grant funds UNC and Wisconsin research on concussions

The National Football League will fund a \$2.6 million international study, led by the University of North Carolina at Chapel Hill and the Medical College of Wisconsin, on the role of active rehabilitation strategies in concussion management. The study will examine the efficacy of two clinically supervised management strategies, including both the international concussion return-to-play protocol and early therapeutic interventions on concussions.

Carol Christ named chancellor of UC Berkeley

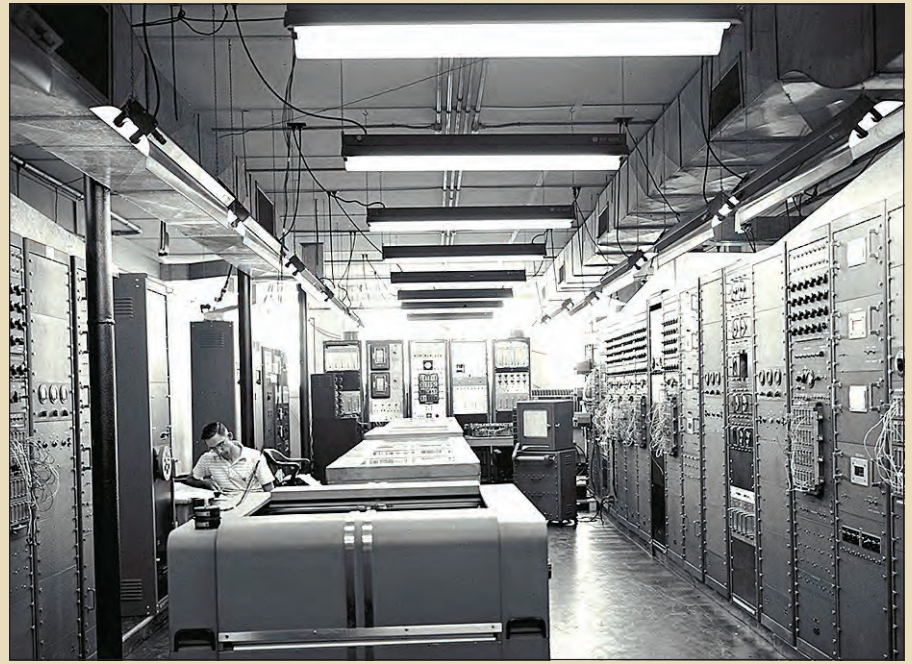
Carol Tecla Christ, former professor of English at University of California, Berkeley, became chancellor on July 1. She has held many other administrative positions at Berkeley and beyond, including president of Smith College. She is the first female chancellor of the university.

UW-Madison to receive \$9.3M for nuclear energy research

Engineers from the University of Wisconsin-Madison will receive an estimated \$9.3 million in funding from the U.S. Department of Energy for advanced nuclear energy research. The awards will drive new research on compact heat exchangers, nuclear fuel cycles, advanced reactor concepts and technology that enables nuclear power production.

—Compiled by Ben Bugajski, *The University Record*

OLD SCHOOL: U-M IN HISTORY



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The University of Michigan and its graduates have greatly impacted the sharing of technology, including work conducted at the Willow Run Research Center (shown above in 1954).

Revolutionizing information

From alumnus Claude Shannon, the father of information theory, and Irma Wyman, the first woman to be chief information officer at Honeywell, to the creation and impact of Google, the University of Michigan and its graduates have forever altered the sharing of knowledge through technology. Shannon's work in the 1930s was essential to U-M establishing one of the world's first computer science programs in 1956. Michigan engineers in 1988 built a computing backbone to connect and support thousands of researchers across the country – an achievement essential to the birth of the internet. U-M was the first public university to leverage the internet by partnering with Google to digitize the University Library's collection of nearly 7 million volumes, revolutionizing the sharing of knowledge and democratizing access to information. Google itself is the brainchild of engineering alumnus Larry Page, who co-created the search engine with Sergey Brin.

— Photo and text are presented at the U-M Bicentennial website, bicentennial.umich.edu



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UM-Flint launching new nursing doctoral program

By Robert Gold
UM-Flint Communications

A new doctoral program in nursing is coming to the University of Michigan-Flint campus.

Approved July 20 by the Board of Regents, the Doctor of Nurse Anesthesia Practice degree is slated to start in the fall of 2018, replacing the existing Master of Science in Anesthesia program. The university expects final, formal approval in October from the Michigan Association of State Universities.

As part of UM-Flint's School of Health Professions and Studies, the DNAP degree will be a three-year program designed to allow students to continue in their nursing job for the first year.

"Advancing the nurse anesthetist program from the master's to doctoral level will provide more educational time with students, ensuring they are well educated in contemporary anesthesia practice," said Donna Fry, dean of the School of Health Professions and Studies.

UM-Flint's anesthesia program, working in partnership with Hurley Medical Center, already is an educational leader and innovator in the field. The university opened the state's first fully accredited clinical

doctorate nurse anesthesia completion program in 2011 and awarded the state's first Doctor of Anesthesia Practice degrees in 2013.

This existing doctorate is for professionals who already are certified registered nurse anesthetists, but who want to advance their skills and prepare for expanded leadership roles and teaching careers. There also is an option for students to earn this degree in conjunction with the Master of Business Administration degree for those interested in leadership roles within business or health care administration.

"Besides making them excellent clinical practitioners, we are preparing students to embrace broader roles within health care," said Shawn Fryzel, the anesthesia program director at UM-Flint.

UM-Flint will accept about 20-25 new students to join the program every academic year, said Fryzel. They are required to be nurses with at least a bachelor's degree and clinical experience.

The new DNAP degree program will train students to become certified registered nurse anesthetists, pending a national certification exam.

U-M will consolidate ownership of Rackham Memorial building in Detroit

By Elisse Rodriguez
Public Affairs

The University of Michigan will move ahead with plans to purchase the remaining third of the Rackham Memorial building in Detroit, including a parking structure that is owned by the Rackham Engineering Foundation.

U-M currently owns two-thirds of the building and land located at 100 Farnsworth St. in Detroit's Cultural Center Historic District.

The purchase, for \$5.1 million, was approved July 20 by the Board of Regents. The sale to U-M was approved by the boards of the Rackham Engineering Foundation and the Engineering Society of Detroit. Finalization of the purchase is expected January 2018.

Gifts made to U-M and the Rackham Engineering Foundation by Horace H. and Mary A. Rackham allowed the facility to be opened in 1942. The Rackham Engineering Foundation was created to support the Engineering Society of Detroit. The building has been used, over the years, by U-M and the Engineering Society of Detroit. The building currently

is being used through a lease agreement by Wayne State University. The WSU Department of Communication Sciences and Disorders occupies part of the building and the lease continues through July 2019.

U-M and the Rackham Engineering Foundation have more than 120 years of history and the university's College of Engineering will continue to collaborate with the Engineering Society of Detroit to develop and support activities that advance their overlapping missions related to the engineering profession.

The 121,000-square-foot building was constructed in three sections per the gift requirements such that the west wing and central core are on property owned by U-M. The Rackham Engineering Foundation owns the east wing of the building and approximately four acres of property.

In 1978, a parking structure was built by the Rackham Engineering Foundation and the Engineering Society of Detroit on land owned by U-M and the Rackham Engineering Foundation and a ground lease established with U-M for the portion of the structure located on university land.

Americans enjoy longer life when avoiding 3 risky behaviors

By Laurel Thomas Gnagey
Michigan News

We've heard it before from our doctors and other health experts: Keep your weight down, don't smoke and cut back on the alcohol if you want to live longer.

Now, research from the University of Michigan School of Public Health shows that people of fairly normal weight who never smoked and drank only in moderation have a life expectancy at age 50 that is seven years longer than the average American. They also are able to delay disability up to six years.

Current life expectancy in the United States is about 78 years for men and 82 years for women but for the low-risk group the ages are 85 and 89, respectively.

"It's important to convince people to improve these behaviors in order, not only to live a longer life, but live a long life free of disability," said Neil Mehta, assistant professor of health management and health policy at SPH. "However, from a societal perspective, caring for individuals with disability is very costly and our study shows that risky behaviors are significantly increasing the burden of early disability."

While previous research has focused on life expectancy impacts from the individual behaviors, the study, released July 19 by Health Affairs, is believed to be the first to show the effect of all three factors combined.

Of course, Mehta said, people who have avoided these unhealthy behaviors are not the norm.

"Eighty percent of Americans in their 50s either have smoked or been

"It's important to convince people to improve these behaviors in order, not only to live a longer life, but live a long life free of disability."

— NEIL MEHTA

obese. That's huge," he said. "Our study speaks to the importance of prevention at whatever level that can occur in community health or in public policy."

The study used data from U-M's Health and Retirement Study of Americans age 50 and older that began in 1992. The research sample in 1998 included nearly 15,000 respondents ages 50-74.

The researchers defined the low-risk category as those who never smoked, drank moderately (at the top end, fewer than 14 drinks per week for men and fewer than 7 drinks per week for women) and had a body mass index that was less than the classification for obese (30+) — in other words, those who would be considered normal and overweight (18.5-29.9 BMI).

Although the study did not set out to look at what happens when people change one or more of the behaviors, the team found that non-obese people who had quit smoking for 10 years prior to the study and who drank moderately had overall and disability-free life expectancies that were only one year shorter than non-obese people who had never smoked and were moderate drinkers.

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CAMPUS BRIEFS

School of Dentistry to host free Mouth Guard Clinic

Athletes who will participate in sports this fall and winter can receive a free, customized mouth guard during the U-M School of Dentistry's annual Mouth Guard Clinic on July 29. Athletes ages 5 and older, including those who wear braces, are invited. Dental and dental hygiene students, supervised by clinical faculty members, will make mouth guards for the first 120 athletes who register on a first-come, first-served basis. Registration is from 8 a.m. to 10:30 a.m. on the second floor of the School of Dentistry, 1011 N. University Ave. A parent or guardian must accompany children under 18 years old. Mouth guard clinic participants can park free in the Fletcher Street parking ramp on the north side of the School of Dentistry. For more information, call 734-531-9426, or email mouthguardclinic2017@umich.edu.

New director for Center for Middle Eastern and North African Studies

Samer Mahdy Ali, associate professor of Arabic and Islamic culture, LSA, has been appointed as the new director of the Center for Middle Eastern and North African Studies. The appointment was effective July 1. Ali is the author of "Arabic Literary Salons in the Islamic

Middle Ages: Poets, Public Performance and the Presentation of the Past," as well as the co-editor of the CALICO Journal: Special Issue on Hebrew and Arabic. Ali said he plans to build up the center's development efforts; reach out to constituencies in the Midwest including K-12 teachers, community college educators and local Middle East immigrant communities; and nurture relationships with U-M units.

Institute for Humanities announces grant

The Institute for the Humanities has announced the New-Model Humanities Publication grant, a pilot program to support faculty experimentation with and planning for new concepts of hybrid scholarly publication in the humanities and humanistic social sciences. The program is open to tenured and tenure-track faculty, and five grants are available, up to \$10,000 per award. Funding may be used to hire graduate or undergraduate students, hire tech consultants, attend a seminar or short-course on new modes of scholarly communication or purchase software to enhance and support the publication project. Applications are due by Oct. 1. For more information, contact Sheri Sytsema-Geiger at sytsema@umich.edu or visit tinyurl.com/yb2refbf.

UM-Dearborn to launch new LGBTQ studies certificate this fall

The University of Michigan-Dearborn's new 12-credit LGBTQ studies certificate in the College of Arts, Sciences and Letters will prepare students professionally and personally by concentrating on diverse forms of sexual orientation, gender identity and gender expression. It will be available to degree-seeking students or to those who wish to take it as a post-baccalaureate standalone. LGBTQ Studies Certificate Program Coordinator Amy Brainer said the goal of the certificate is "engaged and integrated learning that will create positive change" for students and for the communities in which they live and work.

MICHR receives \$2.3M grant to lead national effort

The Michigan Institute of Clinical & Health Research is leading the effort to identify and evaluate competency-based training for clinical and translational science researchers. Several universities will examine training methods in a new three-year, \$2.33M grant project called Development, Implementation, and Assessment of Novel training in Domain-based competencies. The funds come from the Clinical & Translational Science Award program, which is administered by the

National Institute of Health's National Center for Advancing Translational Science. Through this grant, teams from MICHR, Ohio State University, Rochester University and Tufts University will seek to address problems with the quality and efficiency of how clinical trials are carried out by examining existing training programs, categorizing them, creating assessments, and cataloging all programs. MICHR serves as the coordinating center for this project.

College of Engineering to launch new grad program

The new Engineering Education Research graduate program at the College of Engineering will identify strategies to improve teaching and learning in engineering, to diversify science, technology, engineering and mathematics education and the engineering workforce and to design solutions in the nation's toughest engineering education challenges. The inaugural class will begin in the fall of 2018. The graduate students, who must have at least a master's degree in engineering, will be able to earn Master of Science and Doctor of Philosophy degrees in engineering education research.

— Compiled by Safiya Merchant, *The University Record*

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U-M offers opportunity, access through summer debate camp

By **Jeremy Allen**
Public Affairs

In the same way that so many world-class University of Michigan programs use their sustained excellence to develop recruiting pipelines, the Michigan National Debate Institute is leveraging its success as a way to create opportunities for students across a wide range of backgrounds.

The institute is a three-week residency policy debate workshop with a curriculum designed for high school debaters of every experience level. Every year for more than 30 years, the summer camp has brought upwards of 400 high school debaters from nearly 40 states onto campus. This year's camp, which ran from June 22-July 9, was no exception.

"Every top university in the country has debate and summer camps and we're competing with places like Harvard, Northwestern, Stanford, Vanderbilt, and so many other great institutions," says Aaron Kall, director of debate at U-M.

"I think it really speaks to the level of our camp that for the last 12 years, the high school national debate champ has come from the Michigan summer debate camp."

That long-standing history of excellence — paired with strong ties to members of debate communities across the nation — led Kall to establish a partnership with Alexza Barajas Clark. Clark is a research and communications manager for the



PHOTO COURTESY OF ALEXZA BARAJAS CLARK, CONEXIÓN AMÉRICAS

Six Metro Nashville Public School students participated in U-M's annual summer debate camp. The students were connected to the camp through Conexión Américas, a Nashville-based nonprofit organization that helps create opportunities for low- and moderate-income Latino families.

"I think it really speaks to the level of our camp that for the last 12 years, the high school national debate champ has come from the Michigan summer debate camp."

— AARON KALL

Nashville-based Conexión Américas, a nonprofit organization that helps create opportunities for low- and moderate-income Latino families.

Through the partnership, U-M and

Conexión Américas provided scholarships for six Metro Nashville Public School students at this year's camp. Those six MNPS students attending the debate camp are members of the Nashville Debate League, a nonprofit organization founded in 2010 to bring policy debate programs to that area. The league operates, in part, through Nashville funders.

The participating students from Nashville were sophomores Herberth Sanchez and Brunny Lopez from Glencliff High School, sophomore David Martinez from Overton High School and juniors Angie Rodriguez, Vanessa Hernandez and Paola Pastor from Lead Academy.

"I think that for a lot of these students, debate could be the change

agent they need to overcome many adversities they might face in life. For me, it was debate and college that finally gave me my voice," says Barajas Clark.

"It gave me access to literature that I never knew existed. I was never an A-plus student or anything like that, but I knew I never wanted to lose or be humiliated. So I think debate, as a tool, is a wonderful opportunity, especially for students of color."

Kall says that aside from providing a unique experience for the Nashville students, creating opportunities like this fits in with the university's mission to become more diverse, equitable and inclusive. Debate introduces a new path U-M for students who might not have otherwise seen that as a possibility.

"Every year we have over 100 students with high school debate experience apply and the vast majority of them attend summer camp here. Maybe 20 percent are offered admission and wind up coming here to U-M," Kall says.

He adds: "We're thrilled to join with Conexión Américas on this innovative partnership. Diversity, equity and inclusion are major priorities and this relationship increases our ability to attract top academic students from around the country to Ann Arbor for part of the summer. We have great hope that a positive camp experience will propel these students to strongly consider the University of Michigan as a top choice for college."

When I'm sixty-four: Self-perceptions of aging

By **Morgan Sherburne**
Michigan News

In the 1960s, the Beatles sang about wondering whether their true love would still love them as they grew older — after they've lost their hair and are no more adventurous than wanting to knit a sweater.

A group of four studies led by University of Michigan researchers has found that however the hero of the Beatles song turns out, his health — and his wife's health — may be dictated by their perceptions of their own aging.

"Beliefs about one's own aging are shared within couples, and these beliefs are predictive of future health above and beyond individual beliefs," said Shannon Mejia, a postdoctoral fellow at the Institute for Social Research. "Husbands' and wives' individual experiences of physical activity and disease burden are important for their current shared beliefs and future functional health."

That is, couples who tend to view their aging negatively tend to become less healthy and less mobile than couples who view their aging positively. In addition, husbands' disease burden shape their attitudes toward both their own aging and their wives' aging. Mejia and colleagues surmise that the husbands' limitations stemming from disease negatively affect the wives' health because of the increased burden of caregiving.

Jennifer Sun, an M.D./Ph.D. candidate at the U-M Medical School who conducted the research as a psychology doctoral candidate, found that a

person's self-perception of aging affects whether he or she accesses health care in a timely fashion. She found that the more negatively a person viewed his or her aging, the more likely he or she was to delay seeking health care and the more barriers he or she saw for seeking care.

This association between negative self-perceptions of aging and health care delay persisted even after Sun controlled for problems that can delay health care, such as low socioeconomic status, lack of health insurance and multiple chronic health conditions.

"While many studies have focused on financial and structural barriers to care, it is also important to consider how psychosocial, emotional and cognitive factors are affecting the decisions of older adults to delay medical care," Sun said.

A third study authored by U-M doctoral candidate Hannah Giasson found that people who experience age discrimination feel less positive about their own aging.

A fourth study found that as people aged, their explicit bias toward older people — or how they would talk out loud about how they felt toward fellow older adults — improved as they aged. But their implicit bias — how they felt internally about fellow older adults — became more negative as they aged. Giasson and William Chopik, a Michigan State University researcher, led this study.

The papers are published in a special supplement to the August issue of *The Gerontologist*.

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STAFF SPOTLIGHT

Academic adviser creates custom clothing brand, travels world solo

By Ben Bugajski
The University Record

La'Joya Orr likes to combine travel and fashion.

Orr, who works as recruitment coordinator and academic adviser at the School of Kinesiology, was introduced to fashion design by her mother, who made clothes as an extra source of income and as a form of therapy when she was sick. She taught Orr the basics of sewing and design, even helping her create her high school prom dress.

Orr first seriously began designing clothes two and a half years ago. "It was kind of by accident. I got frustrated by what was in stores so I made an outfit a week for three months."

She started designing for other people, and two years ago she began Le'Lonnie Couture, her custom clothing brand for women.

Le'Lonnie Couture clothing is often vintage-inspired and she buys much of the fabric herself, whether that's from Jo Ann Fabric, estate sales or various countries. "I love taking inspiration from different cultures. I take a lot of inspiration from my travels."

Orr likes to learn about the cultures of the countries she visits, including their race relations, local customs, and, especially, a little bit of their language.

"I think it's a very important part of visiting someone else's country. I need to meet you where you are because I'm in your territory," she said. One thing she doesn't experiment with, however, is the food. "I'm a really finicky eater," she said.

She has traveled to 27 countries solo in the last six years. She enjoys traveling alone because it provides independence. Also, she likes to get lost on purpose.

Orr tries to learn something from every place she visits. "I feel like I'm very reflective when I travel and I'm very intentional about gaining from where I am. It's not always people's motivation for travel, which is fine, but it's mine," she said.

Travel first interested Orr when she attended the University of Michigan as an undergraduate student in 2004. After graduating with a minor in Japanese she lived for a year in Japan. She then returned to the United States because her mother was ill, and found a job at the



COURTESY OF LAJOYA ORR

La'Joya Orr, recruitment coordinator and academic adviser at the School of Kinesiology, has traveled to 27 countries.

Meet: La'Joya Orr

■ **Title:** Recruitment coordinator and academic adviser, School of Kinesiology.

■ **At U-M:** Seven years.

■ **On work-life balance:** "I love the work I do in higher education and I love the work I do in fashion."

School of Kinesiology as an admissions counselor in 2010.

Orr says her job as recruitment coordinator and academic adviser is cyclical. She manages student recruitment, admissions and enrollment, including awarding scholarships and working with transfer students. Now that most

students have left for the summer she works on outreach to younger populations and, soon, admissions work.

She most enjoys student interaction. Orr handles every part of student applications in the school, and follows students from beginning to end. She just watched her first full freshman class — the Class of 2017 — graduate.

"To be able to talk to them from the prospective student phase when they're sophomores and juniors in high school and then watch them all the way through graduation is absolutely the most rewarding part," she said.

In between world traveling, creating outfits from scratch and working in admissions, Orr has a full agenda. However, she wouldn't have it any other way. "I love the work I do in higher education and I love the work I do in fashion."

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KIM CLARKE

Michigan students who went on to star for Detroit teams, such as baseball's Bill Freehan, are part of the Detroit Historical Museum exhibition.

Exhibit, from Page 1

early foray into televised teaching courses and a 1950s partnership with Detroit's WWJ-TV.

- **Creating and Inventing:** U-M writers with Detroit roots, such as poets Robert Hayden and Dudley Randall, novelists Judith Guest and Marge Piercy, and journalists Daniel Okrent and Robin Givhan.
- **Challenging Society:** The 1925 murder trial of Dr. Ossian Sweet, who was successfully defended by former U-M law student Clarence Darrow in a case overseen by Judge Frank Murphy, a Michigan graduate, and watched nationwide for its civil right implications.
- **Forever Hailing:** Detroit Tigers catcher Bill Freehan, Lions tackle Jeff Backus and other U-M student-athletes who went on to star for the city's professional sports teams.

The exhibit showcases scrapbooks, television footage, maps and rare books from several U-M repositories — the Bentley Historical Library, the Clements Library and the Special Collections Library — as well as objects from the Detroit Historical Society's collections.

"We're also pleased that the exhibit looks to the university's third century by showcasing current initiatives in the city, as well as undergraduate and graduate students who call Detroit home," Krenz said.

In conjunction with the exhibition and U-M's bicentennial, the Detroit Historical Society is offering discounted memberships to faculty, staff, students and alumni. Anyone interested should contact membership manager Alaina Vacha at alainav@detroithistorical.org or 313-833-0158.

The Detroit Historical Museum is open Tuesday through Friday from 9:30 a.m.-4 p.m. and Saturday and Sunday from 10 a.m.-5 p.m. Admission is free.

Lake Erie, from Page 1

a 'do not drink or boil' advisory in 2014," affecting more than 400,000 area residents, said U-M aquatic ecologist Don Scavia, a member of the forecast team.

"But bloom predictions — regardless of size — do not necessarily correlate with public health risk. Local weather conditions, such as wind direction and water temperature, also play a role. Even so, we cannot continue to cross our fingers and hope that seasonal fluctuations in weather will keep us safe."

The main driver of Lake Erie's harmful algal blooms is elevated phosphorus from watersheds draining to the lake's western basin, particularly from the heavily agricultural Maumee River watershed. An estimated 85 percent of the phosphorus entering Lake Erie from the Maumee River comes from agricultural sources.

"These blooms are driven by diffuse phosphorus sources from the agriculturally dominated Maumee River watershed. Until the phosphorus inputs are reduced significantly and consistently so only the mildest blooms occur, the people, ecosystem and economy of this region are being threatened," said Scavia, professor of natural resources and environmental engineering and a member of NOAA-funded teams that produce annual forecasts for the Gulf of Mexico, Chesapeake Bay and Lake Erie.

The forecast team led by Scavia consists of Daniel Obenour of North Carolina State University, U-M postdoctoral fellows Isabella Bertani and Nathan Manning, and Drew Gronewold and Craig Stow of NOAA's Great Lakes Environmental Research Laboratory in Ann Arbor.

Recently, algal blooms have appeared in late July in the far western basin of Lake Erie and increased in early August, although heavy rain in mid-July may push the late-July bloom further into the basin. Calm winds tend to allow the algal toxins to concentrate, making blooms more harmful. Most of the rest of the lake will not be affected.

"A bloom of this size is evidence that the research and outreach efforts currently underway to reduce nutrient loading, optimize water treatment, and understand bloom dynamics need to continue," said Christopher Winslow, director of the Ohio Sea Grant College Program. "Despite the predicted size of this year's bloom, much of the lake will be algae free throughout the bloom season, and the lake remains a key asset for the state."

The seasonal outlook uses models that translate spring nutrient loading into predicted algal blooms. Persistent wet weather in May is a factor in the relatively high spring phosphorus load into the lake. The

outlook reflects this additional load.

The seasonal outlook models use nutrient load data collected by Heidelberg University.

The forecast models are run by scientists at NOAA's National Centers for Coastal Ocean Science, U-M, North Carolina State University, LimnoTech, Stanford University and the Carnegie Institution for Science.

"The Lake Erie harmful algal bloom forecast is another example of NOAA's ongoing efforts to provide science-based information to water managers and public health officials as they make decisions to protect their communities," said Russell Callender, assistant NOAA administrator for the National Ocean Service. "We will continue to work with our partners to bring the most accurate data and tools to future forecasts for the region."

In addition to the seasonal forecast, NOAA also issues bi-weekly forecasts during the bloom season. This year, NOAA will begin incorporating additional satellite data to its Lake Erie Harmful Algal Bloom Forecast System that will enhance accuracy and detail. The data come from Sentinel-3, a new satellite that measures coastal water color as part of the European Union's Copernicus program. NOAA's Lake Erie HAB forecast bulletins are available online and by subscription.

"Sentinel-3 will provide additional detail and sensitivity, and it will assure our ability to assess the state of Lake Erie well into the next decade," said Richard Stumpf, NOAA's National Centers for Coastal Ocean Science's lead for the seasonal Lake Erie bloom forecast. "A second Sentinel 3 will be launched later this year. The pair will assure that we can consistently see features that are one-tenth the size of blooms we can see now."

Field observations used for monitoring and modeling are done in partnership with NOAA's Ohio River Forecast Center, NOAA's National Centers for Coastal Ocean Science, NOAA's Great Lakes Environmental Research Laboratory, the NOAA-funded Cooperative Institute for Great Lakes Research at U-M, Ohio State University's Sea Grant Program and Stone Laboratory, University of Toledo, and Ohio EPA.

The Lake Erie forecast is part of a NOAA ecological forecasting initiative that aims to deliver accurate, relevant, timely and reliable ecological forecasts directly to coastal resource managers and the public. NOAA also provides, or is developing, HAB and hypoxia forecasts for the Gulf of Maine, Chesapeake Bay, Gulf of Mexico and Pacific Northwest.

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¹Nari Rhee, The National Institute on Retirement Security. "The Retirement Savings Crisis: Is it Worse Than We Think?" June 2013, Page 16.

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REGENTS ROUNDUP

By Anthony Guarnieri
Facilities and Operations
and Safiya Merchant
The University Record

The following items were approved by the Board of Regents at its July 20 meeting.

LSA Building project receives final approval

The Board of Regents authorized issuing bids and awarding construction contracts for the LSA Building First Floor Renovation and Addition project that will renovate approximately 24,000 gross square feet of the first floor and construct a 21,000-gross-square-foot addition to provide space for the LSA internship program and Opportunity Hub. The \$35 million project is being funded from LSA resources and is scheduled to be completed in the summer of 2019.

Work planned at Central Power Plant

A \$1.5 million project funded from Utility resources will continue restoration work on the Central Power Plant's chimney stacks. Construction is scheduled to be completed next fall.

New lighting coming for Med Center north entrance parking structure

The lighting fixtures at the Medical Center North Entrance Parking Structure will be replaced with energy-efficient LED fixtures and integrated controls. In addition, the project will provide an emergency generator for the structure. The \$1.3 million project will be funded from Logistics, Transportation & Parking resources and will be completed in the spring of 2018.

University Hospital fire alarm upgrades

The fire detection and alarm system on levels B1 and B2 of University Hospital will be replaced, enabling connection to the building's fire command center. The project is estimated to cost \$3.5 million, funded from U-M Health System resources, and is scheduled to be completed next summer.

Air handling unites to be replaced at Taubman Health Care Center

The first phase of a multi-year plan to replace the air handling units, return air fans, and building management controls at the A. Alfred Taubman Health Care Center was approved. The \$2.5 million project will be funded from UMHS resources with construction scheduled to be completed in the spring of 2018.

M29 staircase improvements planned

The U-M Health System will fund a \$1.3 million project that will replace the staircase between parking lot M29 and East Medical Center Drive. The project will regrade the slope to reduce erosion and install new LED light poles and a campus emergency phone for safety. Construction is scheduled to be completed in the spring of 2018.

Michigan Medicine Quality Program consolidation

The Board of Regents approved a lease of 28,192 square

feet of space at 777 East Eisenhower Parkway in Ann Arbor for 10 years and six months, and a leasehold improvements project of \$1.35 million that will create a consolidated location for the Michigan Medicine Quality Program that is currently in several locations on the Medical Campus. UMHS resources and funding provided within the rental rate will fund the leasehold improvements project that is scheduled to be completed this fall.

Ann Arbor campus

Faculty appointments with tenure

***Catherine Brown**, associate professor in the Residential College, LSA, effective Sept. 1.

Julia E. Cole, professor of Earth and environmental sciences, LSA, effective Sept. 1.

Kamran Diba, associate professor of anesthesiology, Medical School, effective July 1.

Michael Galaty, professor of anthropology, and director, Museum of Anthropological Archaeology, LSA, effective Sept. 1.

Shou-Yih Daniel Lee, professor of health management and policy, School of Public Health, effective Sept. 1.

Carole A. Parent, professor of pharmacology, Medical School, effective Aug. 1.

Manojkumar A. Puthenveedu, associate professor of pharmacology, Medical School, effective July 1.

Daniel Slater, professor of political science, LSA, effective Sept. 1.

Peter M. Tessier, professor of pharmaceutical sciences, College of Pharmacy, and professor of chemical engineering, College of Engineering, effective Sept. 1.

Rachel L. Zemans, associate professor of internal medicine, Medical School, effective July 15.

Named professorships

***James A. Ashton-Miller**, Albert Schultz Collegiate Research Professor, U-M Office of Research, effective Sept. 1, 2017 through Aug. 31, 2022.

***Mark A. Barteau**, DTE Energy Professor of Advanced Energy Research, College of Engineering, effective Sept. 1, 2017 through Aug. 31, 2022.

David L. Brown, William C. Grabb, M.D. Collegiate Professor, Medical School, effective Sept. 1, 2017 through Aug. 31, 2021.

***Kathleen M. Canning**, Sonya O. Rose Collegiate Professor of History, LSA, effective Sept. 1, 2017 through Dec. 31, 2017.

Seth Carnahan, Sanford R. Robertson Assistant Professor of Business Administration, Stephen M. Ross School of Business, effective Sept. 1, 2017 through Aug. 31, 2018.

***Alfred E. Chang**, Hugh Cabot Professor of Surgery, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

***Yuqing Eugene Chen**, Frederick G.L. Huetwell Professor

of Cardiovascular Medicine, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

***Kim A. Eagle**, Albion Walter Hewlett Professor of Internal Medicine, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

***Tamas I. Gombosi**, Rollin M. Gerstaecker Professor of Engineering, CoE, effective Sept. 1, 2017 through Aug. 31, 2022.

***Jessy W. Grizzle**, Jerry W. and Carol L. Levin Professor of Engineering, CoE, effective Sept. 1, 2017 through Aug. 31, 2022.

***John P. Hayes**, Claude E. Shannon Professor of Engineering Science, CoE, effective Sept. 1, 2017 through Aug. 31, 2022.

***Kenneth A. Jamerson**, Frederick G.L. Huetwell Collegiate Professor of Cardiovascular Medicine, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

***Martin E. Katz**, Artur Schnabel Collegiate Professor of Music in Piano, School of Music, Theatre & Dance, effective June 1, 2017 through May 31, 2022.

Douglas S. Kelbaugh, Emil Lorch Collegiate Professor of Architecture and Urban Planning, A. Alfred Taubman College of Architecture and Urban Planning, effective Sept. 1, 2017 through Aug. 31, 2020.

***Joseph C. Kolars**, Josiah Macy, Jr. Professor of Health Professions, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

Sarah L. Krein, Rensis Likert Collegiate Research professor, U-M Office of Research, effective Sept. 1, 2017 through Aug. 31, 2022.

***Daniel A. Lawrence**, Frederick G.L. Huetwell Collegiate Professor of Basic Research in Cardiovascular Medicine, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

***Karin M. Murasko**, Julian T. Hoff, M.D. Professor of Neurosurgery, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

***Douglas C. Noll**, Ann and Robert H. Lurie Professor of Biomedical Engineering, CoE, effective Sept. 1, 2017 through Aug. 31, 2022.

***Ganesh S. Palapattu**, George F. and Sandy G. Valassis Professor of Urology, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

Carole A. Parent, Raymond W. Ruddon Collegiate Professor of Cancer Biology and Pharmacology, Medical School, effective Aug. 1, 2017 through Aug. 31, 2021.

Minal Patel, John G. Searle Assistant Professor of Health Behavior and Health Education, SPH, effective Sept. 1, 2017 through Aug. 31, 2020.

Helmut Puff, Elizabeth L. Eisenstein Collegiate Professor of History and Germanic Languages and Literature, LSA, effective Sept. 1, 2017 through Aug. 31, 2022.

Eric C. Rath, Toyota Visiting Professor of Japanese Studies, LSA, effective Sept. 1, 2017 through April 30, 2018.

***David H. Sherman**, Hans W. Vahlteich Professor of Medicinal Chemistry, College of Pharmacy, effective Sept. 1,

2017 through Aug. 31, 2022.

***Moshe Talpaz**, Alexander J. Trotman Professor of Leukemia Research, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

Peter M. Tessier, Albert M. Mattocks Professor of Pharmacy, College of Pharmacy, effective Sept. 1, 2017 through Aug. 31, 2022.

***Kristen J. Verhey**, A. Kent Christensen Collegiate Professor, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

***Maris A. Vinovskis**, A.M. and H.P. Bentley Professor of History, LSA, effective Sept. 1, 2017 through Aug. 31, 2022.

***Jeffrey S. Warren**, Aldred Scott Warthin Professor of Pathology, Medical School, effective Sept. 1, 2017 through Aug. 31, 2022.

***Gary S. Was**, Walter J. Weber, Jr. Professor of Sustainable Energy, Environmental and Earth Systems Engineering, CoE, effective Sept. 1, 2017 through Aug. 31, 2022.

Patricia J. Wittkopp, Sally L. Allen Collegiate Professor of Ecology and Evolutionary Biology and Molecular, Cellular and Developmental Biology, LSA, effective Sept. 1, 2017 through Aug. 31, 2022.

***Ralph T. Yang**, Dwight F. Benton Professor of Chemical Engineering, CoE, effective Sept. 1, 2017 through Aug. 31, 2022.

Yue Maggie Zhou, NBD Bancorp Assistant Professor of Business Administration, Ross School, effective Sept. 1, 2017 through Aug. 31, 2018.

Administrative appointments

***David H. Baum**, assistant dean for student life and special counsel to the dean, Law School, effective Sept. 1, 2017 through Aug. 31, 2018.

Damian R. Beil, Ford Motor Company Co-Director of the Joel Tauber Institute for Global Operations, Stephen M. Ross School of Business, effective July 1, 2017 through June 30, 2020.

Mark A. Clague, interim associate dean for academic and student affairs, School of Music, Theatre & Dance, effective Sept. 1, 2017 through Aug. 31, 2018.

Richard W. Fitzgerald, assistant vice president for public affairs, Office of the Vice President for Communications, effective Aug. 1.

***Laura J. Hoffman**, assistant dean for admissions and enrollment management, SMTD, effective July 1, 2019 through June 30, 2021.

Elizabeth D. Parkinson, assistant vice president for marketing communications, Office of the Vice President for Communications, effective Aug. 1.

***Steven P. Schwendeman**, chair, Department of Pharmaceutical Sciences, College of Pharmacy, effective July 1, 2017 through June 30, 2021.

Transfer of Tenure

Basil J. Dufallo, transfer of tenure to associate professor of classical studies, with tenure, LSA, effective Sept. 1, 2017,

Regents approve two key appointments in central communications

By Kim Broekhuizen
Public Affairs

Rick Fitzgerald and Elizabeth Parkinson have been appointed assistant vice presidents in the university's Office of the Vice President for Communications.

Fitzgerald, currently director of public affairs, will serve as assistant vice president for public affairs. Parkinson, currently executive director of marketing, will be the assistant vice president for marketing communications.

Both new positions were approved July 20 by the Board of Regents, and the two will begin their new duties Aug. 1.

"I appreciate the leadership both Elizabeth and Rick have shown, and I am glad to be able to count on them as



Fitzgerald

they take on these new roles," said Kallie Bila Michels, vice president for communications.

Fitzgerald will serve as the chief officer to manage the university's communications related to emerging issues. He will guide and coordinate the work of Public Affairs and Internal Communications, collaborate closely with Michigan News and serve as the university's primary spokesperson. He also will act as the senior representative of the office in the absence of the vice president for communications.

Fitzgerald joined the Public Affairs staff in 2009 after a long career in the news business, most of it with The Ann Arbor News. While at The Ann



Parkinson

Arbor News, he directed the newspaper's local news coverage, had the opportunity to launch two weekly newspapers and wrote a weekly column for more than

a decade. He was appointed associate director of public affairs at U-M in 2012, and was appointed director in 2014.

Fitzgerald graduated from Central Michigan University with a Bachelor of Arts degree in journalism and English, and later earned a Master of Science in Administration, also from CMU.

Parkinson will serve as the chief officer to create an overarching university brand strategy, and to identify,

develop and execute strategies to advance the brand and reputation locally, regionally, nationally and globally. She will manage the staffs of Michigan Creative, Michigan Photography and Michigan Media.

Parkinson joined U-M in 2016 as executive director of marketing. Prior to her time at U-M, she was senior vice president of marketing and partnerships for the Detroit Lions. There, she was responsible for their brand, fan experience and partner engagement.

She also has had leadership roles at the Michigan Economic Development Corp. where she oversaw the Pure Michigan campaign, Ann Arbor SPARK and Edelman in Chicago.

Parkinson earned a Bachelor of Arts degree in marketing and accounting from Alma College.

REGENTS ROUNDUP

Dearborn campus

Stein Brunvand, interim associate dean, College of Education, Health and Human Services, effective July 1, 2017 through June 30, 2019.

Ann Yolanda Lampkin-Williams, interim dean, College of Education, Health and Human Services, effective July 1, 2017 through June 30, 2019.

Bruce R. Maxim, Narasimhamurthi "Nattu" Natarajan Collegiate Professor of Engineering, College of Engineering and Computer Science, effective Sept. 1, 2017 through Aug. 31, 2022.

***Pravansu S. Mohanty**, Paul K. Trojan Collegiate Professor of Engineering, College of Engineering and Computer Science, effective Sept. 1, 2017 through Aug. 31, 2022.

Deborah Smith Pollard, chair, Department of Language, Philosophy and the Arts, College of Arts, Sciences and Letters, effective July 1, 2017 through June 30, 2020.

Flint campus

***Mary Jo Finney**, chair, Department of Education, School of Education and Human Services, effective July 1, 2017 through June 30, 2020.

*Reappointments

Retirements

Judith R. Ahronheim, librarian in the University Library, Oct. 31, 2016. Ahronheim received a Bachelor of Arts degree in 1973 and a Master of Arts in Library Science degree in 1975 from U-M. She joined the U-M faculty in 1990. Ahronheim played a pivotal role in implementing new workflows and leveraging computing to make creating new catalog records more efficient. As chair of the Librarywide Cataloging Policy Council, she developed training to implement new policies and expose catalogers to the cataloging of new types of collection materials. She was awarded the American Library Association's Esther J. Piercy Award in 1998. Ahronheim shaped many of the practices used to create or transform existing descriptive metadata to enable discoverability and access to locally hosted resources

on the web. She helped develop the Copyright Review Management System used to determine which HathiTrust collection materials are viewable as public domain works. Ahronheim served on the editorial board for the Journal of Internet Cataloging and held elected positions on the Librarians' Forum and the Librarian Promotion Review Committee.

Valdis V. Liepa, research scientist, College of Engineering, Jan. 31, 2017. Liepa received a Bachelor of Science in Engineering degree, a Master of Science degree and his Ph.D. from U-M in 1958, 1959 and 1966, respectively. Liepa was appointed an associate research engineer in 1967. Throughout his career, he worked on problems in applied electromagnetics. His research explored several topics including antennas and the development and use of sensors for radio-frequency interference. Liepa developed and operated a special facility for the U.S. Air Force to provide frequency domain data. He also started an electromagnetic-compatibility laboratory that specialized in testing and consulting on automotive and personal radio frequency communication devices subject to regulation by the Federal Communications Commission and Canada. Liepa also advised municipalities and citizen groups in matters of electromagnetic radiation from devices such as cellular towers and traffic and weather radar systems. He is a life member of the Institute of Electrical and Electronics Engineers.

Rafael H. Mojica, associate professor of Spanish, College of Arts and Sciences, UM-Flint, June 30, 2017. Mojica received a Bachelor of Arts degree in 1966 from the Pontifical Gregorian University at Montezuma College, New Mexico, and a Master of Arts degree and Ph.D. from the University of Colorado Boulder in 1983 and 1989, respectively. He joined the UM-Flint faculty in 1990. Mojica had instructional responsibilities in Spanish language and Spanish American literature; Latin language; and the English Honors Program's core composition course Great Books I. In the University Honors Program, he served as an instructor, faculty representative, student advisor, council member and thesis director and reader. Mojica served in other positions as well, including as the head of the Spanish Program and chair of the Department of Foreign Languages. His research on Spanish American literature produced numerous scholarly publications, invited critical reviews for World Literature Today and refereed presentations at renowned national and international conferences. He is a published novelist and poet as well as an editor of poetry for a number of local publications.

David C. Munson Jr., professor of electrical engineering and computer science, College of Engineering, June 30, 2017. Munson received a Bachelor of Science degree in 1975 from the University of Delaware. He received a Master of Arts degree and a Master of Science degree in 1977 and a Ph.D. in 1979, all from Princeton University. Munson joined the U-M faculty in 2003, and served as the Robert J. Vlasic Dean of the College of Engineering from 2003-16. His research focused on signal and image processing, particularly radar imaging, passive millimeter-wave imaging, and computer tomography. He was the first to mathematically describe the tomographic imaging mechanism underlying spotlight-mode SAR, and the first to show why high-quality radar imagery can be produced from band-pass Fourier data. He co-founded InstaRecon, Inc. in 2003 and co-authored nearly 200 scholarly publications, a college-level textbook and a high school textbook. As dean, Munson increased the faculty by 30 percent and the undergraduate student body by 25 percent while improving selectivity. Under his leadership, annual research expenditures nearly doubled, five new interdisciplinary masters degree programs were initiated and six new research institutes were founded. He also launched the Center for Entrepreneurship on campus and the Michigan Engineering Zone in Detroit. Munson is a fellow of the Institute of Electrical and Electronics Engineers, and is a recipient of the institute's Third Millennium Medal and Signal Processing Society Award.

Wilhelm A. Piskorowski, assistant dean for community-based dental education and clinical associate professor of dentistry, School of Dentistry, July 17, 2017. Piskorowski received a Bachelor of Science degree in 1975 from the University of Detroit and a Doctor of Dental Surgery degree in 1979 from Loyola University. He joined the U-M faculty in 2001. As the assistant dean for community-based dental education, Piskorowski expanded the program to a maximum of 12 weeks of experience for each dental student with 117 credentialed preceptors at more than 30 sites across the state of Michigan. He delivered several presentations to state legislators and component dental societies. Piskorowski supervised teams that received awards including the university's James T. Neubacher Award and the American Dental Association Foundation's E. "Bud" Tarrson Dental School Student Community Leadership Award. He received numerous awards, including the William J. Gies Award from the American Dental Education Association and the Emmett C. Bolden Dentist Citizen of Year Award

from the Michigan Dental Association. Piskorowski was a member of the Michigan Dental Association's Access to Care Committee, and served as the chair of the Michigan Oral Health Care Coalition.

Marcia A. Valenstein, Susan Crumpacker Brown Research Professor of Depression and professor of psychiatry, Medical School, July 14, 2017. Valenstein received a Bachelor of Arts degree in 1977 from Harvard University, a M.D. degree in 1981 from the University of Illinois and a Master of Science degree in 1997 from U-M. She joined the U-M faculty in 1990, and was named the Susan Crumpacker Brown Research Professor of Depression in 2016. Valenstein's research focused on assessing the quality of care for patients with mental health conditions. Her work examined the use of psychotropic medications in national samples of patients, with a special focus on medication adherence and the pharmacological treatment of depression. She also assessed the relationships between the pharmacological management of patients and suicide deaths. Valenstein has been involved in multiple randomized controlled trials that focused on the development and testing of lower cost, innovative ways to provide treatment to individuals with mental health conditions. She has published more than 170 papers in the leading peer-reviewed journals, and also investigated on-line technologies to extend the reach of mental health providers. Valenstein received the Medical School's Dean's Award for Local Community Service in 2014.

Mary K. Vardigan, assistant director, director of collection delivery, and archivist in the Inter-University Consortium for Political and Social Research, Institute for Social Research, Nov. 30, 2015. Vardigan received a Bachelor of Arts degree in 1971 from U-M and a Master of Arts degree in 1975 from Eastern Michigan University. She joined U-M in 1985, and served as the assistant director of the ICPSR and director of collection delivery from 2004-15. Vardigan played an instrumental role in the transition of ICPSR publications from print to the web. As the ICPSR assistant director, Vardigan provided oversight for a number of areas, including metadata, website development, membership and marketing, and user support. She was actively involved in several international projects related to data stewardship. Vardigan helped establish the Data Documentation Initiative, a metadata standard currently used in more than 80 countries. She served as the director of this initiative for 12 years. Vardigan also served as chair of the Data Seal of Approval Board.

Policy change allows more people to address U-M regents

By Rick Fitzgerald
Public Affairs

An updated public comments policy for the University of Michigan Board of Regents will increase the number of speakers who are able to address board members during each public meeting.

The new approach, approved by the board July 20, will increase the number of speakers at each meeting from 10 to 15, while reducing the

amount of time allotted to each speaker from five minutes to three minutes.

The policy caps the number of speakers on any one topic at five and also provides for two additional speakers, in addition to the 15, for those who sign up after the agenda is published and seek to address an item that is on that meeting's agenda.

All requests to address the Board

of Regents must be made in writing and be received by the deadline stated on the website (regents.umich.edu). Requests will be scheduled on a first-come, first-served basis until all available time is used up.

Individuals who have addressed the board within the previous two regularly scheduled meetings will be allowed to speak only if there is an available speaker slot remaining

after the signup deadline has passed. The public comments policy was last updated in 2012.

The Board of Regents typically meets in formal session nine times each year. Most meetings are in the Michigan Union on the Ann Arbor campus. One meeting each year is conducted on the UM-Dearborn campus and one on the UM-Flint campus.

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POLICE BEAT

Burglaries, vandalism at Dexter properties

Buildings at the University of Michigan Stinchfield Woods and Peach Mountain Observatory near Dexter were found burglarized and vandalized in June. While windows, locks and doors were broken, no property appeared to be missing. Graffiti also was found spray painted on several buildings. There are no suspects.

June 3 from outside the Trotter House. Officers located the vehicle in the 100 block of Packard Street. Two men were observed taking U-M stickers off of the vehicle. After a brief foot chase, one suspect was arrested and taken to jail. The 45-year-old visitor was charged with unauthorized driving away of an automobile, resisting and obstructing police, and malicious destruction of property.

inappropriately touched by another camper on June 22 in the South Quad residence hall. The two subjects were separated and the investigation was turned over to proper authorities.

Moped taken from Markley bike rack

A Honda moped was stolen from a Markley Residence Hall bike rack around 8 a.m. June 2. The suspects have not been identified as of this publication.

— Diane Brown, U-M Police

U-M truck stolen, recovered

A U-M pickup truck was stolen just after 5 p.m.

Sexual assault reported in South Quad

A camp attendee reported that he had been

Ann Arbor major campus crimes reported to UMPD in June

Crime Category	June Total	YTD Total
Homicide	0	0
Sexual Offenses	1	4
Robbery	0	1
Aggravated Assault	0	4
Arson	0	1
Burglary	2	10
Motor Vehicle Theft	2	5

Ann Arbor cases reported to SAPAC in June

Crime Category	Cases
Sexual Assault	8
Intimate Partner Violence	2
Stalking	1
Sexual Harassment	1
Gender-Based Harassment*	0

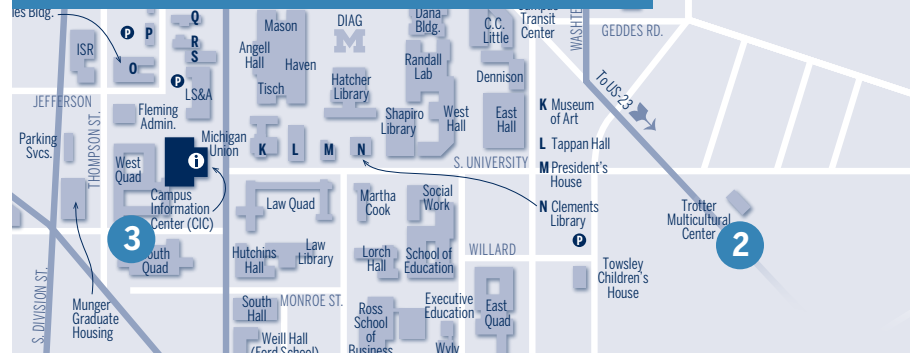
The Sexual Assault Prevention and Awareness Center supplies reports to inform the University community about incidents of sexual assault, domestic violence and stalking that are reported to SAPAC. SAPAC is a resource for survivors, their families and friends, U-M personnel (faculty, staff and U-M Police officials), and non-U-M personnel (e.g., high school counselors). The table reflects only the number of cases reported to SAPAC, and includes reporting by faculty, staff and students. The numbers do not necessarily reflect the number of incidents on campus, nor do they reflect the number of cases that occurred in a specific time frame. They also do not reflect the number of cases that may have been reported to police.

* New category

Ann Arbor campus crimes reported to UMPD in June

- 1 Motor Vehicle Theft**
June 1
1500 block of Washington Hghts. Near Markley Hall
- 2 Motor Vehicle Theft**
June 3
1400 block of Washtenaw Ave. Near Trotter House
- 3 Criminal Sexual Conduct**
June 22
600 E. Madison St. South Quad

- Off map:**
- Burglary**
June 1
9401 Stinchfield Woods Stinchfield Woods
- Burglary**
June 14
9401 Stinchfield Woods Peach Mt. Observatory



For questions about crimes on campus, call 734-763-3434.

To report a crime, call police: 734-763-1131

Crime map incidents are an accurate indicator of criminal activity on the U-M campus; however, some incidents may be under investigation to substantiate their occurrence. Statistics for the crime map are provided by U-M Police. The markers on the crime map represent only reports of on-campus incidents in the areas featured on the maps.

BE SEEN

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EVENTS

Event submissions

■ The University Record's listing of events is compiled from items submitted to the Campus Information Center's online Happening@Michigan calendar, events.umich.edu. For questions about the CIC events site, and how to submit items there, contact Eric Heilmeyer at jeheilm@umich.edu or call 734-764-INFO (4636).

MONDAY, JULY 24

"Summer Showcase: Research in the University Library," 10-11:30 a.m., Harlan Hatcher Graduate Library, Clark Library, Second Floor. Presentations and conversations on current research projects happening throughout the University Library. Emergent Research events are aimed at better understanding the various types of research undertaken across campus, particularly as they relate to library services and support, opportunities for collaboration, data management and preservation, and beyond.

TUESDAY, JULY 25

"Intercultural Responsiveness: Zools and Tips" with Jessica Feathers, LSA DEIC Office program assistant, 10 a.m.-noon, LSA, Conference Room 2001. Understand how to identify ways that implicit bias impacts us and gain options for dealing with them.

WEDNESDAY, JULY 26

"From Verbal Combat to Consensus: The Gentle Way to Earn a Black Belt in Communication" with Z. Christopher Delk, 8:30 a.m.-12:30 p.m., Administrative Services Building, Room LPD. It's difficult to stay calm and focused when engaged in a heated or difficult conversation, especially if you're trying to influence the other person's

Don't Miss

What: M Farmers Market.

When: 11 a.m.-1 p.m. Wednesday, Aug. 2.

Where: South Ingalls Mall.

Details: Buy farm fresh, locally grown seasonal fruits, vegetables and more.



behavior and they're not listening. In this session you will learn techniques to increase your ability to resolve these situations. Workshop intended for anyone who is interested in advanced techniques for conflict resolution or decreasing resistance and increasing compliance from others.

"Causal Inference in Education Research Seminar" with Mónica Hernández, Tulane University, 11:30 a.m.-1 p.m., Weill Hall, Room 3240.

"GradSWE Female Faculty-Student Summer Mixer," 11:30 a.m.-12:30 p.m., Lurie Robert H. Engineering Center, Johnson Rooms. Network with graduate students, faculty, post-docs and professionals. Lunch will be provided. RSVP required. Students: eventbrite.com/e/female-faculty-student-summer-mixer-registration-34764741277. Faculty/post-doc/professionals: goo.gl/forms/Lsk2Nm8FXqfCUJ302.

"Trust me, I'm an Accountable Care Organization"

with Susan Goold, noon-1 p.m., University Hospitals, Ford Auditorium. Accountable care organizations are a new form of health care organization in which a network of health care providers is given a financial incentive to reduce total costs of care while meeting certain quality benchmarks for a defined patient group. What are the moral responsibilities of such organizations, if any? How might accountable care organizations and those who work in them care for patients in an accountable, trustworthy way?

"Diet and Health: On the Path to Insight" with Walter Willett, 5:15-6 p.m., Thomas Francis Jr. School of Public Health Building, Lane Auditorium.

"Gerrymandering: History, Consequences, and Future," 7-9 p.m., Turner Senior Resource Center, 2401 Plymouth Rd. After the U.S. census in 2020, to equalize legislative representation, new maps will be drawn for new congressional districts, state legislative districts, county commission districts and city wards. The lack of constraints on the process can lead to "gerrymandering," abusive manipulation of those boundaries. How did we get here, how does it affect governing and what can we do? Washtenaw County Clerk Larry Kestenbaum offers insights based on his long experience in the field.

THURSDAY, JULY 27

"American Folk, Bluegrass & Western Swing" with the Saline Fiddlers Philharmonic, presented by Gifts of Arts, noon-1 p.m., University Hospital Courtyard. America's premier youth fiddling show band of music, song and dance, the Saline Fiddlers Philharmonic is comprised of high school students from the Saline area who play a variety of instruments: violin, viola, cello, guitar, electric bass, mandolin and drums. This performance is part of Michigan Medicine's Gifts of Art Summer Courtyard Concert Series. You can also visit the MHealthy Farmers Market in the courtyard. Rain or heat location: University Hospital Main Lobby, Floor 1.

SATURDAY, JULY 29

"The Voices of Children" documentary film screening and conversation with John Nimmo, 10 a.m.-noon, North Campus Research Complex Building 18. View the

groundbreaking short documentary film and engage in discussion with one of the film's creators.

SUNDAY, JULY 30

"Meet Me at UMMA: A Museum Arts Experience for Persons with Mild Memory Loss and Their Care Partners," 3-4 p.m., U-M Museum of Art. "Meet Me at UMMA" invites people with mild memory loss to enjoy a guided gallery experience along with family members or care partners. This program is designed for people who live at home and their companions. UMMA's trained docents will accompany small groups for a guided tour and provide the opportunity for everyone to experience different kinds of art and share their responses. To register for this program, email kmpeil@alz.org, or call the Alzheimer's Association at 800-272-3900. For more information, please contact UMMA at 734-647-0522.

TUESDAY, AUG. 1

"The Sky Tonight: Live Star Talk," 11:30 a.m.-12:30 p.m., Ruthven Museums Building. Bright stars, constellations and planets are discussed in this live star talk, which includes a trip into space to look at far away objects.

"Little Star that Could," 12:30-1:30 p.m., Ruthven Museums Building. The "Little Star That Could" is a story about an average yellow star on a search for planets of his own to warm and protect. Along his way, he encounters other stars and learns what makes each star special.

WEDNESDAY, AUG. 2

"M Farmers Market" at S. Ingalls Mall, 11 a.m.-1 p.m., South Ingalls Mall. Buy farm fresh, locally-grown seasonal fruits, vegetables and more at an affordable price.

"Causal Inference in Education Research Seminar" with Josh Hyman, University of Connecticut, 11:30 a.m.-1 p.m., Weill Hall, Room 3240.

THURSDAY, AUG. 3

"3rd Annual Alumni/Grad Student Networking Event" Meet current students. Renew your department contacts!

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EVENTS

More online

■ For more events listings and details, check out the Campus Information Center's online Happening@Michigan calendar, events.umich.edu.

2-6 p.m., Chemistry & Willard H Dow Laboratory. All chemistry alumni are invited! RSVP at myumi.ch/6e80m. In recent years, alumni of our chemistry programs have come back to share advice with graduate students and postdocs about to embark on their own careers.

FRIDAY, AUG. 4

"Karle Symposium: Graduate Student Research," 8 a.m.-5 p.m., Chemistry & Willard H Dow Laboratory, Organized by graduate students, the Isabella and Jerome Karle Symposium serves as a venue for sharing exciting research taking place within the Department of Chemistry.

SATURDAY, AUG. 5

"Hands-On Demo: Fantastic Fluids," 11 a.m.-11:30 p.m., Ruthven Museums Building. Learn about how and why U-M researchers are studying fluid dynamics. Demonstrations are 20-30 minute interactive programs on the 2nd floor of the museum. They include both brief presentations highlighting university research and engaging hands-on activities, and are suitable for adults and children ages 5 and up.

"Did An Asteroid Really Kill the Dinosaurs?," 12:30-1:30 p.m., Ruthven Museums Building. Did a space rock six miles wide slam into the Earth 66 million years ago and wipe out 75 percent of all living species at that time, including the dinosaurs? Cosmic collisions are abundant in our solar system. See the numerous craters on worlds like the moon, Mars and even distant Pluto. Explore the dinosaur disaster up close. Kid-friendly program.

"Eclipse," 2:30-3:30 p.m., Ruthven Museums Building. Get ready for the total solar eclipse occurring on August 21. By



DAVE MORIN

Gifts of Art presents the Saline Fiddlers Philharmonic from noon-1 p.m. Thursday, July 27, in the University Hospital Courtyard.

looking at both the history and the astronomy of eclipses, this program will help you understand the significance of this upcoming astronomical event. Michigan will experience a partial eclipse. This program is followed by a live star talk.

MONDAY, AUG. 7

"Summer Carillon Concert Series" with Ray McLellan, Michigan State University, 7 p.m., Lurie Ann & Robert H. Tower.

TUESDAY, AUG. 8

"Give it. Get it. Expect Respect" with Karyn Procter-Wicks, 2-4 p.m., Angell Hall, Room G115. High quality relationships are born and sustained in an environment of respect. Respect provides the safety needed to grow trust in relationships. Where there is trust, individuals are free to step into their higher capacities, create together what has not existed before and are more inclined to willingly and graciously tent to the needs of others; be it their students, families or co-workers. This presentation will renew the concept of respect for individuals and provide tools as to how to practice this everyday. The LARA method of effective

listening and communication in conversations will be introduced.

WEDNESDAY, AUG. 9

"Change It Up!" with representative of the Spectrum Center, 9:30-11:30 a.m., Lorch Hall, Foster Library. "Change it Up!" teaches bystander intervention skills for the purpose of building inclusive, respectful and safe communities. It is based on a nationally recognized four-stage bystander intervention model that helps individuals intervene in situations that negatively impact individuals, organizations and the campus community.

"Causal Inference in Education Research Seminar" with Caroline Theoharides, Amherst College, 11:30 a.m.-1 p.m., Weill Hall, Room 3240.

THURSDAY, AUG. 10

"Resources on Copyright" with Justin Bonfiglio, 1-2 p.m., Shapiro Harold & Vivian Library, Room 4059: University Library Instructional Center. This workshop serves as both an introduction and a deeper dive into resources like

Cornell's Copyright Term and the Public Domain in the United States, the U.S. Copyright Office's Online Catalog and the Catalog of Copyright Entries. There are many good copyright resources available online, but some of them can be challenging to navigate. Register via TeachTech at ttc.iss.lsa.umich.edu/ttc/sessions/resources-on-copyright.

EXHIBITS

"Ceramic Houses: Olga Stowers" presented by Gifts of Art, 8 a.m.-8 p.m. daily through Sept. 10, A. Alfred Taubman Health Care Center, Gifts of Art Gallery: Taubman Health Center North Lobby, Floor 1. Stowers was born in Siberia and grew up in Moscow, Russia where she earned her degree in finance. She has always been interested in creating art, and started working with clay three years ago in Ann Arbor.

"Moving Image: Portraiture," 11 a.m.-5 p.m. daily July 29-Nov. 26, U-M Museum of Art. Exhibit presenting a contemporary spin on traditional notions of portraiture. "Moving Image: Portraiture" is the third of three exhibitions drawn from the collection of the Borusan Contemporary, Istanbul. The works in this series address both formal concerns and conceptual topics; many represent traditional categories such as portraiture and landscape that find new resonance when explored through the strategies of dynamic technology.

"Coloring with the Masters: Art Quilts" with the Aussume Study Group, presented by Gifts of Art, 8 a.m.-8 p.m. daily through Sept. 10, A. Alfred Taubman Health Care Center, Gifts of Art Gallery: Taubman Health Center South Lobby, Floor 1. For this exhibition, the Aussume Study Group picked some of their current favorite artists and created art based on their work.

"Fiber Musings: Boisali Biswas," presented by Gifts of Art, 8 a.m.-5 p.m. daily through Sept. 10, Cancer Center, Gifts of Art Gallery: Comprehensive Cancer Center, Level 1. Biswas is a studio artist working in mixed media fibers. She is originally from India, and her formative years were spent at Visva-Bharti International University, founded by the Nobel Laureate Rabindranath Tagore. Living in this country for over two decades and incorporating styles, techniques and inspirations of western culture into her Indian background has made her art into a cauldron of multicultural assemblages.



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EVENTS

"His Eye Is on the Sparrow: Watercolor" with Catherine McClung, presented by Gifts of Art, 8 a.m.-8 p.m. daily through Sept. 10, University Hospitals, Gifts of Art Gallery: University Hospital Main Lobby, Floor 1. Combining a passion for painting and a love of nature, McClung has shown her work in the Ann Arbor Art Fair since 1980. In both Michigan and Florida, she walks every day observing and photographing birds to use as a reference for her watercolor paintings. Over a two-year period, she created paintings of all of the 33 birds mentioned in the Bible. McClung also created china patterns for Lenox tableware. In 2002, the Michigan Governor's office asked her to represent the state by designing an ornament for the White House Christmas tree.

"The Wonder of Learning: The Hundred Languages of Children," noon-5 p.m. Tuesday-Sunday through Aug. 26, Duderstadt Center (Media Union), Gallery. Free multimedia exhibit for families and educators sheds light on the rights, ideas and creativity of children. Designed to engage educators, policy makers and families in exploring the transformative power of early learning, the exhibit describes the educational approach of the preschools of Reggio Emilia, Italy through photography, video and children's work. Hands-on activities using light and shadow and materials found in nature allow visitors to connect with key concepts. Activities for families will be offered in collaboration with the Ann Arbor District Library, Ann Arbor Hands-On Museum and other community partners.

"Cosmogonic Tattoos" with Jim Cogswell, 9 a.m.-5 p.m., Kelsey Museum of Archaeology and UMMA. Look for displays in the UMMA from through Dec. 3, the exterior of the Kelsey Museum from through Dec. 17 and in the interior special exhibition space of the Kelsey Museum from through Sept. 10.

"Ernestine Ruben at Willow Run: Mobilizing Memory" exhibition, 11 a.m.-5 p.m. Monday-Sunday through Aug. 20, U-M Museum of Art. In 2013, artist Ernestine Ruben photographed the once-famed industrial complex Willow Run in Washtenaw County. The exhibition presents Ruben's photographs of Willow Run in UMMA's Photography Gallery and an original film in the Museum's Forum.

"Victors for Art: Michigan's Alumni Collectors-Part I: Figuration," 11 a.m.-5 p.m., U-M Museum of Art. Commemorating U-M's 2017 Bicentennial, this exhibition presents works collected by a diverse group of alumni that represent the breadth of the university and over seventy



MOVING IMAGE: PORTRAITURE

"Moving Image: Portraiture" presents a contemporary spin on traditional notions of portraiture. The exhibit runs from 11 a.m.-5 p.m. daily from July 29-Nov. 26 at the U-M Museum of Art.

years of graduating classes. The works themselves are equally diverse, ranging from ancient sculptures to contemporary multimedia works.

"Avant Garden: Weaving Fashion and Nature Together," 10 a.m.-4:30 p.m. daily, Matthaei Botanical Gardens. Exhibit explores plants' long-standing role as the versatile source of raw materials for textiles and the inspiration for the designs, colors and shapes that fashion takes, proving that the art of fashion follows the forms of nature. Plants in the conservatory at Matthaei Botanical Gardens are highlighted along with their historical and cultural roles as they relate to cultivation, sustainability, textiles, colors and design.

"The Grandmother Tree Walk," 8 a.m.-8 p.m. daily through Sept. 30, Nichols Arboretum. Matthaei Botanical Gardens & Nichols Arboretum celebrates the university's bicentennial with a self-guided tour of twelve historic trees in the Arboretum. The bicentennial story is told from the perspective of the trees and key moments of U-M's people and history that occurred during the trees' long lives are revealed. Visitors may pick up a map at the Arb visitor center.

"Clements Library: A Century of Collecting, 1903-2016" is presented from 10 a.m.-4 p.m. Fridays in the newly renovated William L. Clements Library. For more information about the library, go to clements.umich.edu.

"Dental Hygiene, A Century of Progress" highlights the growth and development of the dental hygiene profession and education. It is on display in the Sindecuse Museum of Dentistry in the School of Dentistry.

"Evolution of the Trumpet Exhibition" presents a Stearns Collection exhibit of trumpets across the ages in the lower lobby of Hill Auditorium.

The Gerald R. Ford Presidential Library and Museum at 1000 Beal Ave. on North Campus presents documents and photos that celebrate the lives of Gerald and Betty Ford.

The Museum of Natural History offers educational programs and exhibits for campus and community. For a list of events, go to lsa.umich.edu/umnh.

U-M Detroit Observatory, 1398 E. Ann St., houses exhibits

and collections that recall the observatory's role in introducing scientific research to campus and the significant discoveries made by its astronomers.

The U-M Museum of Art's expanded Collections Galleries present Western, Asian, African and modern and contemporary works of art. They are open 11 a.m.-5 p.m. Tuesday through Saturday and from noon to 5 p.m. Sundays.

Museum of Natural History tours and children's programs

Free Dinosaur Tours are available at 2 p.m. Saturdays and Sundays at the Museum of Natural History. For more information, call 734-764-0480.

"My Universe," 2:30-3:15 p.m. Saturdays and Sundays, Ruthven Museums Building. In this live program, our student operators will tell and show you what they find fascinating about the Universe.

"Did An Asteroid Really Kill the Dinosaurs?" 12:30-1:15 p.m. Saturdays, Ruthven Museums Building. Did a space rock six miles wide slam into the Earth 66 million years ago and wipe out 75 percent of all living species at that time, including the dinosaurs? Kid-friendly program.

"The Sky Tonight: Live Star Talk," 11:30 a.m., 1:30 p.m. and 3:30 p.m. Saturdays, 1:30 p.m. and 3:30 p.m. Sundays, Ruthven Museums Building.

Workshops/support

MHealthy's Alcohol Management Program is designed to help people with mild to moderate alcohol problems. For more information, call 734-998-2017 or go to mhealthy.umich.edu/alcohol.

The Faculty and Staff Assistance Program provides support and assistance to university staff and faculty in resolving personal or work related concerns. FASAP seeks to enhance the emotional health, well-being and job performance of members of the university community. Current support groups include Parenting Teens, Dealing with Divorce and Break-Up and Stress Relief for Caregivers. For more information, call Tina at 734-936-8660.

— Compiled by Steve Culver
The University Record



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