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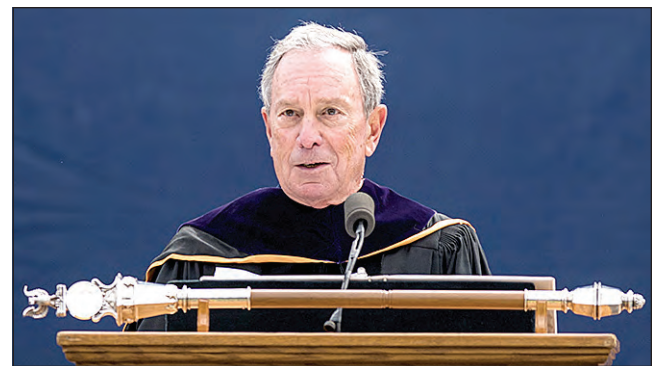
More than 6,200 graduates, along with friends and family, gather for 2016 Spring Commencement. The exercises took place April 30 at Michigan Stadium.

## Commencement speaker Bloomberg calls out intolerance, demagoguery

By James Iseler  
The University Record

Business leader and former New York mayor Michael Bloomberg urged University of Michigan graduates to guard against intolerance and demagoguery as they enter a world where “an open mind is the most valuable asset you can possess.”

Bloomberg delivered the 2016 Spring Commencement address April 30 to a crowd of graduates estimated at more than 6,200, along with thousands of family and friends gathered under cool and cloudy skies at Michigan Stadium.



SCOTT C. SODERBERG, MICHIGAN PHOTOGRAPHY

Michael Bloomberg delivers the keynote address at commencement.

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Seven faculty members who have shown dedication to developing cultural and ethnic diversity at U-M have received the 2016 Harold R. Johnson Diversity Service Award from the Office of the Provost.

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“Research is such an integral part of our institute and university, and I’m proud to be a significant player.”

– Todd Brown

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AND NICHOLS ARBORETUM  
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## Spring Plant Sales



### Mother's Day Weekend Sale

A two-day sale of hanging baskets and container plantings grown and designed onsite by staff and volunteers. All proceeds benefit Matthaei-Nichols.

*Saturday & Sunday, May 7 & 8, 10 am-4:30 pm  
Matthaei Botanical Gardens, 1800 N. Dixboro Rd.*

### Spring Artists Market

Local artisans and craftspeople offer unique items for sale. A variety of media including jewelry, fashion accessories, paintings, illustrations, and more.

*Saturday, May 7, 9 am-4:30 pm, Matthaei*

### Mother's Day Tea Party

All invited to bring mom and help celebrate her day with a special tea in the conservatory at Matthaei.

**Free.** Please RSVP by May 4 to Ashely Rop:  
arop@umich.edu.

*Sunday, May 8, 1-3 pm, Matthaei*

### Kitchen Favorites Sale

Heirloom vegetables and herbs grown by Cultivating Community, the U-M student gardening group. All proceeds benefit Cultivating Community. Plus, Herb Study Group on hand with herb samples and info.

*Saturday & Sunday, May 14 & 15, 10 am-4:30 pm  
Matthaei Botanical Gardens, 1800 N. Dixboro Rd.*

### Peonies Galore Sale

An opportunity to purchase some of the same varieties of heirloom peonies that grow in the Nichols Arboretum Peony Garden. This popular sale takes place in Nichols Arboretum; arrive early.

*Saturday, June 4, 10 am  
Nichols Arboretum, 1610 Washington Hts.*



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# U-M Athletics finalizes Nike apparel agreement

By Kurt Svoboda  
Athletics

The University of Michigan has finalized and updated its agreement with Nike Inc. to become the Wolverines' official athletic footwear, apparel and equipment provider.

Nike will supply all 31 of U-M's athletics programs with uniforms, footwear, apparel and equipment. U-M and Nike also will collaborate throughout the agreement on innovation initiatives in sports technology, design and best practices.

The agreement is valued at \$173.8 million. That includes a \$12 million initial payment to the university, \$76.8 million in total annual payments and \$85 million in apparel. The partnership takes effect Aug. 1 and runs through 2027, with an option to extend the agreement to 2031.

Here are some additional details about the partnership:

- U-M and Nike will collaborate throughout the agreement on

innovation initiatives in sports technology, design and best practices including at least two community events per year that support and celebrate education in health and wellness initiatives.

- Included in the partnership are three student summer internships at Nike headquarters.

- The agreement includes use of the Jordan Brand "Jumpman" apparel for men's and women's basketball and football.

- Throughout the partnership, Nike will abide by the Nike Code of Conduct, which meets, exceeds or has equivalent treatment of all requirements in the U-M Code of Conduct for Licensees in addressing labor standards.

The agreement provides that Nike makes available the list of factories where collegiate product is made and provides for independent, external monitoring and investigation of those factories by third parties mutually agreed upon by U-M and Nike.

## The University RECORD

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Mark S. Schlissel  
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Lisa Rudgers  
vice president for global communications  
and strategic initiatives

Kallie Bila Michels  
associate vice president for communications

### STAFF

Rick Fitzgerald  
director of public affairs and  
internal communications  
rickfritz@umich.edu, 734-615-1563

Jillian Bogater  
editor  
jillibog@umich.edu, 734-764-6825

James Iseler  
online editor  
jiseler@umich.edu, 734-647-3099

### Todd McKinney

sales manager  
toddmck@umich.edu, 734-764-4342

### Kevin Brown

associate editor  
kevinbr@umich.edu, 734-764-4266

### Steve Culver

graphic designer  
stevecul@umich.edu, 734-764-0105

Iris Jeffries and Jordan Swope  
reporting interns

### EDITORIAL OFFICE

412 Maynard St.  
Ann Arbor, MI 48109-1399  
phone: 734-764-0105  
fax: 734-764-7084  
urecord@umich.edu

### PUBLICATION DATES

<b>2015</b>	Feb. 1, 8, 15, 22
Sept. 8, 14, 21, 28	March 7, 14, 21, 28
Oct. 5, 12, 19, 26	April 4, 11, 18, 25
Nov. 2, 9, 16, 23	May 2, 23
Dec. 7, 14	June 6, 20
<b>2016</b>	July 11, 25
Jan. 11, 18, 25	Aug. 15

DEADLINE for Events, Accolades and Briefs

(must be in writing or via e-mail) is 5 p.m. Tues., six days before the publication date. Send Events, Accolades, Briefs and Letters submissions to [urecord@umich.edu](mailto:urecord@umich.edu).

### TO SUBSCRIBE

A SUBSCRIPTION to the University Record, delivered by USPS First Class mail, may be purchased for \$70/year payable to The University of Michigan, and sent to the Record editorial office.

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THE UNIVERSITY RECORD (USPS 559-510) is published weekly except May, June and July (bi-weekly) and once in August by the Regents of the University of Michigan.

POSTMASTER: Send address changes to: The University Record, 412 Maynard St., Ann Arbor, MI 48109-1399.

THE RECORD is printed with soy-based inks on recycled paper by Michigan Web Press, Davidsburg, Michigan.

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## Seven receive Harold R. Johnson Diversity Service Awards

By Kevin Brown  
The University Record

Seven faculty members who have shown dedication to developing cultural and ethnic diversity at the University of Michigan have received the 2016 Harold R. Johnson Diversity Service Award from the Office of the Provost.

The recipients are:

- Dr. R. Alexander Blackwood, Medical School.
- Omolola Eniola-Adefeso, College of Engineering.
- Arline T. Geronimus, Institute for Social Research and School of Public Health.
- Robert Jagers, School of Education.
- Nojin Kwak, LSA.
- Jennifer Linderman, CoE.
- Ruby Tapia, LSA.

"I was very impressed by the deep pool of nominations we received this year. It was inspiring to read about the faculty on our campus who have a long-standing commitment to diversity, equity and inclusion," said Robert M. Sellers, vice provost for equity, inclusion and academic affairs.

"Their hard work and commitment make us better as a university, and their contributions will have a real and lasting impact on the difficult issues we face on our campus, particularly in this first year of the diversity strategic planning process."

Established in 1996, the award is given in honor of Harold Johnson, dean emeritus of the School of Social Work. The award provides \$5,000 to recipients to further research, scholarship or student service opportunities.

### Dr. R. Alexander Blackwood

Blackwood is associate professor of pediatrics and director of Pathways in the Office for Health Equity and Inclusion at the Medical School. In



Blackwood

more than 20 years on the U-M faculty, he has demonstrated an ability to inspire mentees. They include 11 undergraduate students who have received American Heart Association of Michigan grants, and three who have been awarded Presidential Scholars Fellowships from the National Science Foundation.

An example of his mentorship involves fourth-year medical student Mohammad Issa, a Palestinian-American. Together they developed a personal hygiene, safe water assessment in the Kulandia Refugee Camp in the West Bank. This relationship led to the formation of the Middle Eastern Global Health Initiative.

The initiative is a group of Michigan pre-health students promoting awareness of global health needs in Middle East refugee camps. Blackwood serves as the faculty facilitator. Data has been collected from four refugee camps in the last three years and additional publications are anticipated.

"The attributes that make Dr. Blackwood especially well-suited for this award are a combination of versatility, preparation and vision. Dr. Blackwood has been building a cohort of mentees and a panel of programs that are eminently linkable," wrote Dr.

David J. Brown, associate vice president and associate dean, Office for Health Equity and Inclusion.

### Omolola Eniola-Adefeso

Eniola-Adefeso, associate professor of chemical engineering and of biomedical engineering in the College of Engineering, is known as an outstanding educator, a dedicated researcher and committed to promoting diversity.



Eniola-Adefeso

Within the Department of Chemical Engineering, she has been a champion for women and underrepresented minority student and faculty members. As part of the department's graduate committee since 2008, she was instrumental in improving the quality and diversity of students in the Ph.D. program.

Understanding that diversity must not compromise academic standards, she explored and implemented proactive ways of recruiting high-quality students of all backgrounds. In particular, she focused on increasing the department's visibility at national conferences.

As graduate chair since 2014, she is increasing diversity in the program. The current first-year Ph.D. class is 44 percent women and 26 percent underrepresented minorities, the most diverse in the history of the department.

She also developed and submitted a proposal to Rackham for a new peer-mentoring program within the department. High-performing third-year graduate students serve as educational and social mentors to a diverse group of five to six first-year Ph.D. students. The program was funded by Rackham for two years. It is making a positive impact.

"Lola is a tireless champion for diversity. She exhibits tremendous leadership qualities and is absolutely on track to become a leader in her department and college before too long," wrote Alec D. Gallimore, associate dean for academic affairs, CoE.

### Arline T. Geronimus

Geronimus, research professor in the Population Studies Center, Institute for Social Research, and professor of health behavior and



Geronimus

health education in the School of Public Health, is known for having proposed and tested the "weathering hypothesis." It posits that the impact of repeated exposure to and high-effort coping with stressors by U.S. racial and ethnic minorities leads to early onset of chronic disease and early biological aging, compared to U.S. whites of the same chronological age.

Her work advances a perspective that population health disparities arise from the qualitatively different life experiences, exposure to stressors, and access to coping resources associated with specific social identity groups in an unequal society.

She is credited for increasing the

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## Distinguished Dissertation Awards



ALEXANDER HOLMES

The 2015 ProQuest Distinguished Dissertation Award recipients were honored April 26. Awardees received a \$1,000 honorarium recognizing exceptional scholarly work and completion of their doctoral degrees in 2015. The annual competition is co-sponsored by ProQuest and Rackham Graduate School. The recipients are: Front row, from left, Lauren Cline, natural resources and environment; Konstantina Karageorgos, English language and literature; Bai Song, mechanical engineering. Back row, from left, Davide Orsini, anthropology and history; Brian Metzger, ecology and evolutionary biology; Maxwell Radin, physics; Alix Gould-Werth, social work and sociology.

## Search underway for new VP for information technology and CIO

By Jillian A. Bogator  
The University Record

The Office of the President has appointed an advisory committee to launch the search for the new position of vice president for information technology and chief information officer for the University of Michigan. The university now is accepting nominations and applications for the position.

President Mark Schlissel has appointed an 14-member search advisory committee, which will be co-chaired by James Hilton, Arthur F. Thurnau Professor of Information, School of Information; vice provost, Office of the Provost and Executive Vice President for Academic Affairs; and faculty associate, Research Center for Group Dynamics; along with Sachin Kheterpal, associate professor of anesthesiology, Medical School.

The executive search firm Opus Partners, led by Craig Smith and Katie Dean, has been retained to assist with this search.

In addition to Hilton and Kheterpal, members of the search advisory committee include:

- Paul Castillo, chief financial officer, U-M Health System.
- Usama Fayyad, chief data officer, Barclays; chairman and director, Oasis 500.
- Sharon Broude Geva, director of Advanced Research Computing.
- Kevin Hegarty, executive vice president and chief financial officer.
- Rajesh Mangrulkar, Marguerite S. Roll Professor of Medical Education, associate dean for medical student education, associate professor of internal medicine and associate professor of learning health sciences, Medical School.
- Nigel Melville, associate professor of technology and operations, Stephen M. Ross School of Business.
- Susan Murphy, Herbert E. Robbins Distinguished University Professor of Statistics, LSA; research

professor, Survey Research Center, Institute for Social Research; professor of psychiatry, Medical School.

- Andrew T. Palms, executive director of communications systems and data centers, ITS Communication Services.

- Marios Papaefthymiou, chair and professor of electrical engineering and computer sciences, College of Engineering.

- Andrew Rosenberg, acting/interim chief information officer, U-M Health System and Medical School.

- Steven Schlecht, executive director of finance and administration, LSA.

- William Schultz, professor of mechanical engineering and applied mechanics, and professor of naval architecture, CoE.

The Board of Regents approved the creation of this new position in February. "This position will ensure that information strategy is appropriately considered in both short- and long-term decision making and planning for the university," Schlissel said at that time.

The president said the individual who fills the new position would oversee "the creation of an integrated information technology strategy for the entire university, including the health system."

The new vice president will report to the president and serve as a member of the university's executive leadership team.

Britney K. Rashleigh, junior project manager, Office of the President, will serve as the president's liaison to the search.

Information about the search, including a position description and how to submit nominations will be posted on the Office of the President website, [president.umich.edu/committees/vp-of-it-and-cio-search-advisory-committee](http://president.umich.edu/committees/vp-of-it-and-cio-search-advisory-committee).

Further inquiries regarding nominations and applications are directed to [VPITCIOSearchInquiries@umich.edu](mailto:VPITCIOSearchInquiries@umich.edu).

# Director named for Inter-university Consortium for Political and Social Research at ISR

By Kory Zhao  
Institute for Social Research

Margaret Levenstein has been appointed director of the Inter-university Consortium for Political and Social Research at the University of Michigan's Institute for Social Research.



Levenstein

ICPSR, founded in 1962, is the largest archive of digital social science data in the world, with more than 500,000 data files. The announcement follows a national search by a joint committee composed of ISR faculty and members of the ICPSR Governing Council, who represent the consortium's 760 members worldwide. Levenstein will be the ICPSR's first female director.

"Maggie's vision for ICPSR's future is exciting," said ICPSR Governing Council Chair Chandra Muller. "She has a strong academic research background, understands the potential of data science for current and future social science researchers, and has a stellar reputation both nationally and internationally.

"We were impressed by her skill in bringing together experts from diverse fields for the advancement of social science research goals. The council is looking forward to working with her."

Levenstein will begin her five-year term on July 1, following the departure of current ICPSR Director

**"ICPSR is an important resource for the social and behavioral science community, curating and making accessible data assets that thousands of researchers have created over the last 70-plus years."**

— MARGARET LEVENSTEIN

George Alter. Under Alter's direction the ICPSR expanded international members, increased data accessibility, and the Summer Program in Quantitative Methods of Social Research recruited more than 1,000 participants annually.

"I am very excited to be joining ICPSR and look forward to working with its staff, council and member institutions," Levenstein said. "ICPSR is an important resource for the social and behavioral science community, curating and making accessible data assets that thousands of researchers have created over the last 70-plus years.

"The importance of both developing our capabilities to analyze and use data, and to preserving data have never been greater. The 'big data' revolution creates new opportunities and challenges. ICPSR's role will be to help the research community make the most of those opportunities."

An economist, Levenstein first joined ISR's Survey Research Center (SRC) in 2003 as the executive director

of the Michigan Census Research Data Center (MCRDC), a joint project with the U.S. Census Bureau. She also is a research professor in SRC and adjunct professor of business economics and public policy in the Stephen M. Ross School of Business.

Levenstein has taken an active role at ISR, joining the Director's Advisory Committee on Diversity in 2009 and serving as the chair of ISR's Diversity, Equity and Inclusion strategic planning committee and as the liaison to the larger university program.

"ICPSR is one of the great resources supporting social science research all over the world. I am very excited about the skills and experience that Maggie will bring as the next ICPSR director," said ISR Director David Lam. "The innovative leadership she has shown directing the MCRDC and chairing ISR's Diversity, Equity, and Inclusion strategic planning process will make her a great leader of ICPSR."

She is the associate chair of the American Economic Association's

Committee on the Status of Women in the Economics Program and past president of the Business History Conference. Levenstein received a Ph.D. in economics from Yale University and a Bachelor of Arts from Barnard College, Columbia University.

Her research and teaching interests include industrial organization, competition policy, business history, data confidentiality protection, and the improvement of economic statistics. She is the author of "Accounting for Growth: Information Systems and the Creation of the Large Corporation" (Stanford University Press, 1998) and co-editor of a two-volume collection, "Cartels" (Edward Elgar, 2007). She is the author of numerous studies on competition and collusion, the development of information systems, and the organization of innovation.

The ICPSR director search committee was chaired by William Axinn, research professor at the Population Studies Center and SRC at ISR. Committee members included Christopher Achen, the former ICPSR Governing Council chair; Robert S. Chen, of Columbia University and the Center for International Earth Science Information Network; Philip N. Jefferson, Swarthmore College; Jared Lyle, ICPSR director of curation services; Muller; Amy Pienta, ICPSR associate research scientist; and Beth-Elle Pennell, director of SRC's international unit.

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HIGHER ED BRIEFS

STATE UNIVERSITIES

**EMU approves new major, minor programs**

The Eastern Michigan University regents have approved two new majors. The Special Education Learning Disabilities Endorsement major will offer grounding in the theory of learning disabilities, while the Geospatial Information Science and Technology major is offered through the Department of Geography and Geology. A Simulation, Animation and Gaming program also has been approved as a minor. The programs will offer enrollment beginning fall 2016.

**Wayne State School of Social Work receives largest-ever gift**

The Wayne State University School of Social work has received a \$500,000 donation to create a new scholarship for high-achieving students experiencing financial hardship. The donation is the largest alumni gift in the school's history. Alumna Betty Appich made the gift with her husband, Horst Appich. The Betty Schmalzle-Appich and Horst G. Appich Endowed Scholarship will be available to any social work student with a 3.0 grade-point average or higher who demonstrates financial need.

**Western Michigan receives gift to support future teachers**

Western Michigan University received an anonymous \$250,000 gift as well as a \$25,000 gift from Kalamazoo's Advia Foundation. These endowments will provide the basis for the new WMU-KPS Future Educators Program. The program will provide annual financial support of \$5,000 for 11 Kalamazoo Promise students who hope to become educators and could enhance the diversity of the Kalamazoo Public Schools' teaching staff.

PEER INSTITUTIONS

**Harvard restores Air Force ROTC's presence on campus**

Harvard University recently signed an agreement establishing an Air Force Reserve Officer Training Corps (ROTC) program at the university. The signing follows a five-year effort to restore ROTC's presence on campus. Harvard was among the first colleges to partner with ROTC after the program's founding 100 years ago. The agreement makes university resources available to the Air Force ROTC program in a campus setting.

**Maryland to break ground on new computer science center**

The University of Maryland will break ground on the Brendan Iribe Center for Computer Science and Innovation. Construction of the building is supported by a \$31 million gift from Oculus co-founder and CEO Brendan Iribe — the largest gift in university history. Additionally, a \$4 million gift from Oculus co-founder Michael Antonov and a \$3 million gift from Elizabeth Iribe help make the building possible. The building is designed for future-focused developments in virtual reality, augmented reality, computer vision, robotics, artificial intelligence and computing platforms.

OLD SCHOOL: U-M IN HISTORY

Advancing vaccines

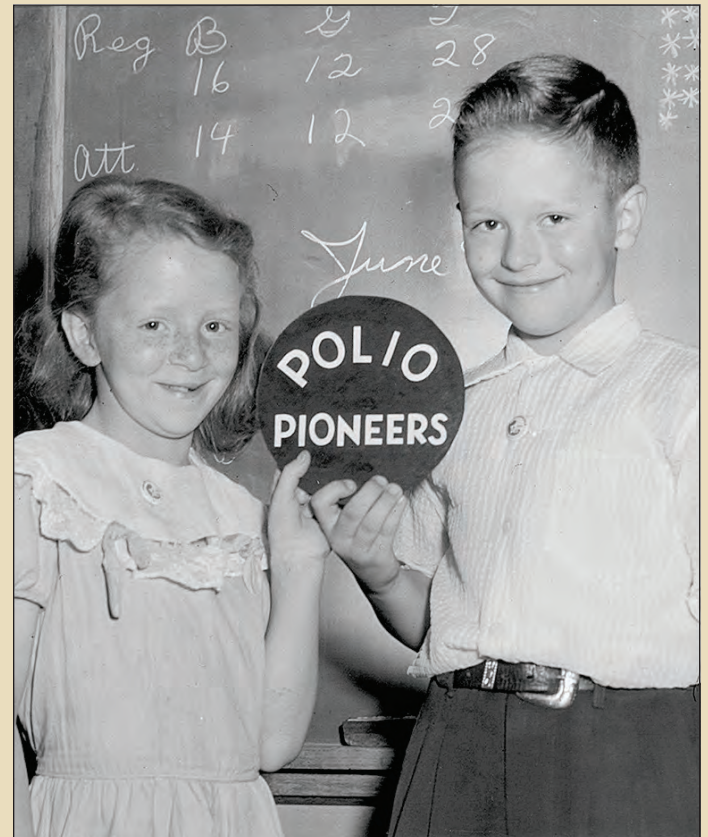


PHOTO COURTESY OF THE BENTLEY HISTORICAL LIBRARY

Under the direction of Dr. Thomas Francis, U-M conducted clinical trials in 1954 that confirmed the effectiveness of the polio vaccine developed by Dr. Jonas Salk. The discovery helped to end one of the major medical scourges of the 20th century. Francis and Salk earlier developed the influenza vaccine that protected American soldiers during World War II. Fifty years after the polio trials, Dr. Hunein Maassab, a student mentored by Francis, developed the first nasal spray flu vaccine, FluMist.

— Photo and text are presented at the University of Michigan Bicentennial website, at [bicentennial.umich.edu/our-history/this-is-michigan](http://bicentennial.umich.edu/our-history/this-is-michigan)

  
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ON CAMPUS BRIEFS

**Observatory Street and nearby lots to close for construction**

Commuters are encouraged to plan ahead and expect delays starting in early May, as Observatory Street between East Ann Street and Geddes Avenue will be closed in phases for a water main and road reconstruction project. Work is expected to last through mid-August. Pedestrian access will be maintained through the Observatory Street area. For information on U-M bus route detours, go to [pts.umich.edu/news/transit-alerts.php](http://pts.umich.edu/news/transit-alerts.php).

**Partnership formed with Costa Rican business school**

The University of Michigan will launch a new partnership that enables MBA students from one of Latin America's top business schools earn a master of public administration degree at the Gerald R. Ford School of Public Policy. The dual-degree program, which begins in August, is designed for students in the one-year MBA section with exemplary English-language skills at the INCAE Business School in Costa Rica. The program will strengthen U-M's connections in Latin America, draw talented students and eventually create new internship and career opportunities.

**Regents meeting set for May 19**

The Board of Regents will have its monthly meeting at 3 p.m. May 19 in the Amway Grand Plaza Hotel, Pantlind Ballroom, Grand Rapids. To offer public comment at the meeting, sign up in advance at [regents.umich.edu/meetings/publform.html](http://regents.umich.edu/meetings/publform.html). Public comments on agenda items will be taken prior to their consideration. Comments on nonagenda items will follow the regular business agenda. People with disabilities who need assistance should contact the Office of the Vice President and Secretary of the University in advance at 734-763-8194. For more about regents meetings, go to [regents.umich.edu](http://regents.umich.edu).



**UM-Dearborn director of student success named**



Finley

Amy Finley has been named University of Michigan-Dearborn director of student success. She has served as interim director of academic support and outreach services since December 2015. Her new role comes at a time when the university is rethinking its approach

to student success. Beginning this fall, Student Success — a unit within Enrollment Management and Student Life — will partner with START, the university's soon-to-launch advising hub for first-year and transfer students.

**Cram Circle on North Campus closing for utility work**

Beginning May 3 and anticipated to continue until May 23, Cram Circle on North Campus will be closed to through traffic between Hubbard Road and Cram Place for water service construction. Vehicular traffic will be detoured via Hubbard Road, Beal Avenue and Bishop Avenue. Access to Cram Place for local traffic only will be maintained on Cram Circle from Bishop Avenue. For more information on U-M bus detours during this construction, go to [pts.umich.edu/news/transit-alerts.php](http://pts.umich.edu/news/transit-alerts.php).

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# May programs celebrate National Mental Health Month

By Juanita Day  
MHealthy Communications

According to the National Alliance on Mental Illness, one in four adults — approximately 61.5 million Americans — will experience mental illness in a given year.

In support of May as National Mental Health Month, the university's MHealthy Thrive! stress management program, Faculty & Staff Assistance Program, and UMHS Employee Assistance Program are encouraging U-M faculty and staff to take a moment each day this month to "check in" on their emotions.

"Because emotional well-being is such an essential part of our overall wellness, it deserves ongoing attention and care, just like your physical health," says John R. Sonnega, stress management program manager for MHealthy. "Simply asking yourself, 'How am I doing today?' at the start of your day, gives you an opportunity to focus on you and how you feel."

"If an emotion is preventing you from feeling your best, know that you are not alone and that the university and your health plan offers resources to help you manage your emotions, cope with daily stressors, and enjoy your life more fully," Sonnega says.

Here are some of the mental and emotional health programs and services available year-round:

## In-person counseling

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is always available to university faculty, staff, retirees and their families at no charge, and can play an important role in routine preventive health care:

- Health System employees: Contact the UMHS EAP at 734-763-5409 or eap@med.umich.edu, or visit the UMHS EAP website, tinyurl.com/hxnpslb.

- Ann Arbor and Flint campus employees: Contact FASAP at 734-936-8660 or fasap@umich.edu, or visit the FASAP website, mhealthy.umich.edu/fasap.

- Dearborn campus employees, call 313-593-5430.

## Online screenings

Confidential and anonymous online mental health screenings (screening.mentalhealthscreening.org/UMICHIGAN) are available any time for conditions such as depression, bipolar disorder, generalized anxiety disorder, alcohol misuse, eating disorders and post-traumatic stress disorder. Participants will receive an immediate result at the end of each screening to print and take to a counselor for further evaluation if necessary.

## Mental, emotional wellness classes

A variety of free classes and programs are offered year-round focused on topics like stress management, self care, anger management, resiliency, divorce and breakup, caregiver support, mindfulness and more.

Register and learn more at [mhealthy.umich.edu/stressmgmt](http://mhealthy.umich.edu/stressmgmt).

## Health plan benefits

All U-M health plans cover mental and behavioral health services like counseling, therapy and substance abuse treatment. For specific information on benefits, covered employees and spouses or other qualified adults can review their health plan information at [hr.umich.edu/health-plans](http://hr.umich.edu/health-plans) or contact their doctor or health plan to get help finding a provider.

Learn more at [mhealthy.umich.edu/MHMonth](http://mhealthy.umich.edu/MHMonth).

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— JOHN R. SONNEGA

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## RESEARCH

# Climate change: What makes us care?

Greta Guest  
Michigan News

It's been argued that how much we know about climate change is unrelated to how much we care about addressing it.

But focusing primarily on cultural drivers, as is the case with emerging research on "cultural cognition," takes us on a path that misses critical characteristics of knowledge, according to a University of Michigan study published in *Nature Climate Change*.

"We looked at this emerging work, and immediately had problems with how knowledge and culture were being measured — specifically not measured," said Joseph Arvai, the Max McGraw Professor of Sustainable Enterprise at the School of Natural Resources and Environment and the Stephen M. Ross School of Business.

"What others were measuring had little to do with climate change and more to do with general scientific literacy. They also relied on what amounts to U.S.-based political ideologies as a proxy for culture."

So Arvai and co-authors Jing Shi, Vivianne Visschers and Michael Siegrist from ETH Zurich measured climate-specific knowledge and cultural differences across six countries.

"What we found was that culture plays a relatively small role, and that knowledge about climate plays a larger one," Arvai said. "Why is this important? If you take the previous cultural

work at face value, it paints a hopeless and pessimistic picture. It sends the message that there's little we can do until 'culture' changes, which tends to be very slow.

"Our research clearly shows that education and decision support aimed at the public and policy makers is not a lost cause."

Knowledge about the causes of climate change was correlated with higher levels of concern about climate change in all of the countries studied — Canada, China, Germany, Switzerland, the United Kingdom and the United States.

"We think this is because knowledge about causes cements in our minds the fact that it's human actions that have set the risks in motion, and that human action may be taken to reduce the risks," Arvai said. "This finding was weakest in China, perhaps because the emphasis is on economic growth, even it comes at the expense of the environment."

Knowledge about the consequences of climate change was also a strong predictor of concern. But greater knowledge about the biophysical dimensions of climate change tended to dampen public concern.

"We think this is because focusing on the technical dimensions of a problem like climate change dehumanizes it and focuses our collective attention away from the individuals and communities — human and nonhuman — that are at the gravest risk," Arvai said.

# Changing climate conditions in Michigan pose an emerging public health threat

By Jim Erickson  
Michigan News

Changing climate conditions — including warmer temperatures and an increased frequency of heavy rainstorms — represent "an emerging threat to public health in Michigan," according to a new report from university researchers and state health officials.

The report, "Michigan Climate and Health Profile Report 2015: Building resilience against climate effects on Michigan's health," was released April 25 by the Michigan Department of Health and Human Services and the Great Lakes Integrated Sciences Assessments Program — a partnership between the University of Michigan and Michigan State University.

Based on current climate trends in Michigan and projections for the next few decades, the authors identified five health topics of concern for Michigan residents:

- **Respiratory diseases.** Projected conditions favor increased air pollution and worsening respiratory disease. An earlier and longer growing season for plants could increase pollen levels, which in turn could exacerbate allergies and asthma.

- **Heat-related illnesses.** Heat waves featuring high temperatures, high humidity and stagnant air masses could become more common and may lead to increased levels of heat-related illness and death.

- **Water-borne diseases.** Across the Upper Midwest, extreme precipitation events have become more intense and more frequent over the past century. In coming decades, intense precipitation events and flooding are projected to stay the same or increase. Runoff from sewage and septic systems will remain a problem, potentially increasing the risk of water-borne diseases and, in some cases, harmful algal blooms.

- **Vector-borne diseases.** Projections point to warmer winters, earlier springs and warmer summers, conditions suitable for mosquito-borne diseases such as West Nile virus and tick-carried diseases such as Lyme disease.

- **Carbon monoxide poisoning and weather-related injuries.** Weather-related power outages are likely to increase, especially in the winter, leading to increased use of generators and related cases of carbon monoxide poisoning. An increased frequency of freezing rain and flooding will raise the risk of motor vehicle accidents and other types of injuries.

For the report, Marie O'Neill, associate professor of environmental health sciences and epidemiology, and Larissa Larsen, associate professor of urban planning and of landscape architecture, examined places in the state, including Detroit, which could

## More online

■ **Read the report:**  
[myumi.ch/J77vZ](http://myumi.ch/J77vZ)

see an increased risk of climate-sensitive health problems such as heat wave-related illnesses and death.

"I'm particularly pleased that the report addresses the relationship between climate change, environmental and social factors," said O'Neill. "This is an important step in better understanding people at risk."

According to the report, the average annual temperature has increased by 0.6 degrees Fahrenheit since 1951 in southeastern Michigan, and by 1.3 degrees in the northwestern part of the Lower Peninsula. During that same period, total annual average precipitation across the state increased by 4.5 percent, or 1.4 inches.

"The findings from this report will help focus future efforts to strengthen Michigan's public health preparedness as extreme weather events become increasingly common," said GLISA Program Manager Elizabeth Gibbons, who served as a report editor and coordinated efforts with the state.

**"I'm particularly pleased that the report addresses the relationship between climate change, environmental and social factors"**

— MARIE O'NEILL

The Climate and Health Profile Report was funded by the federal Centers for Disease Control and Prevention. The report is the first step in a nationwide CDC effort to inform communities and public health officials about the most current climate science related to environment and health.

The DHHS Climate and Health Adaptation Program will use the report to educate community health officials and planners in preparing for emerging threats. Program officials will seek additional CDC funding to test health interventions that address the vulnerabilities and impacts identified in the report.

The Great Lakes Integrated Sciences Assessments Program is housed in the Graham Sustainability Institute's Climate Center and is one of 10 regional centers funded by the National Oceanic and Atmospheric Administration. GLISA builds capacity to manage risks from climate change and variability in the Great Lakes region.



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## RESEARCH

## Simulation suggests how e-cigarettes could impact smoking

By Laurel Thomas Gnagey  
Michigan News

As the popularity of electronic cigarettes and calls to regulate them continue to grow, a University of Michigan study may help answer those who wonder what changes might be seen in smoking prevalence if e-cigarette use encourages smokers to quit, or if it becomes a first step toward smoking.

Using national data of historic and current rates of smoking, statistics on the growth of e-cigarette use and a simulation model, School of Public Health researchers found that smoking prevalence would be much more sensitive to the possible changes e-cigarettes could have on quit rates than on their potential to encourage those who never have smoked to start a habit.

Among the scenarios, the simulation showed that a 20 percent increase in smoking cessation rates would result in a 6 percent reduction in smoking by 2060. On the other hand, smoking initiation would have to increase 200 percent over current levels for smoking rates to go up by 6 percent in the same year.

“This paper is important because it gives us a reference for what could be the net impact of e-cigarette use on smoking prevalence, and for

“This paper is important because it gives us a reference for what could be the net impact of e-cigarette use on smoking prevalence, and for the most part, with the status quo, the key point is what they do for cessation.”

— SARAH CHERNG

the most part, with the status quo, the key point is what they do for cessation,” said lead author Sarah Cherng, a doctoral student in the Department of Epidemiology and the Center for Social Epidemiology and Population Health at the School of Public Health.

“Our research is not going to silence the debate, but perhaps the discussion can be shifted to how we can think about the best policies and regulations to make e-cigarettes useful as smoking cessation tools.”

The handheld, electronic devices vaporize a liquid that usually contains nicotine, propylene glycol, glycerine and a flavoring agent. They were introduced to the market just over a decade ago. Since then, use in the United States has gone from 0.3 percent of adults in 2010 to 6.8 percent in 2013. Among users, the majority are current smokers

and one-third are former or never smokers.

Critics are concerned because e-cigarettes are being marketed as cessation aids and safe alternatives to cigarettes but little research has been done to test those claims.

“Because e-cigarettes are new to the market there have not been long-term studies of their impact on smoking or value as cessation products,” said Rafael Meza, assistant professor of epidemiology and corresponding author, adding this is where a model like the one he, Cherng and two other public health doctoral students developed can be helpful.

“There is a lot of additional research needed on the overall safety and impact of e-cigarettes that our study does not address. But what our research shows is that given current levels of smoking prevalence, initiation and cessation

rates in the United States, and the way that e-cigarettes are currently being used, their long-term consequences are going to depend largely on their effects on smoking cessation — positive or negative — and in a lesser manner on their relationship to smoking initiation.

“That being said, it is important to understand both sides of the equation, and to use this information to design the right policies and interventions to tip the balance towards the best possible health outcome.”

Another criticism of the devices is that some believe they entice use by young people with special flavoring and targeted marketing, which some fear could lead preteens and teens to move on to regular cigarettes. Meza said their analysis focuses on the resulting impact of e-cigarette use on adult smoking prevalence, but the model does account for e-cigarettes and smoking initiation among adolescents before the age of 18.

Data for the simulation came from the National Health Interview, U.S. Census, Centers for Disease Control and Prevention, Cancer Intervention and Surveillance Modeling Network, and other epidemiologic, clinical and modeling studies.

Other U-M authors were Jamie Tam and Paul Christine.

## RESEARCH

## Children who are spanked show increased signs of aggression

By Jared Wadley  
Michigan News

An analysis of 50 years of research showed no evidence that spanking does any good for children; instead, it increases their risk of detrimental outcomes.

Experts at the University of Michigan and University of Texas looked at decades of research from 75 studies involving more than 160,000 children, who showed increased signs of aggression, mental health problems and cognitive difficulties.

Spanking children to correct misbehavior is a widespread practice by many parents, yet one shrouded in debate about its effectiveness and appropriateness.

“Our analysis focuses on what most Americans would recognize as spanking and not on potentially abusive behaviors,” said Elizabeth Gershoff, associate professor of human development and family sciences at the University of Texas.

“We found that spanking was associated with unintended detrimental outcomes and was not associated with more immediate or long-term compliance, which are parents’ intended outcomes when they discipline their children.”

Gershoff and co-author Andrew Grogan-Kaylor, associate professor at the University of Michigan School of Social Work, found that spanking (defined as an open-handed hit on the behind or extremities) was

significantly linked to detrimental outcomes.

“The upshot of the study is that spanking increases the likelihood of a wide variety of undesired outcomes for children,” Grogan-Kaylor said. “Spanking thus does the opposite of what parents usually want it to do.”

The researchers also tested for long-term effects among adults who were spanked as children. They found that the more they were spanked, the more likely they were to exhibit antisocial behavior and to experience mental health problems.

They were also more likely to support physical punishment for their own children, which highlights one of the key ways that attitudes toward physical punishment are passed from generation to generation, the researchers said.

“We as a society think of spanking and physical abuse as distinct behaviors,” said Gershoff, who previously taught at U-M. “Yet our research shows that spanking is linked with the same negative child outcomes as abuse, just to a slightly lesser degree.”

In the United States, there has been a slight decline over the years in the degree to which parents approve of spanking, Grogan-Kaylor said. Meanwhile, there is a far greater movement globally to ban corporal punishment, he said.

The study appears in the *Journal of Family Psychology*.

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## RESEARCH

# Landslide risk remains high a year after magnitude-7.8 Nepal earthquake

By Jim Erickson  
Michigan News

With the monsoon season fast approaching, the landslide risk in Nepal remains high a year after a magnitude-7.8 earthquake that killed more than 8,000 people, according to a University of Michigan-led research team.

The April 25, 2015, earthquake struck central Nepal and was followed two weeks later by a magnitude-7.2 aftershock. Both events produced strong ground shaking in the steep terrain of the Himalaya Mountains, causing widespread landsliding.

In the past year, the U-M-led team has mapped 22,000 landslides caused by the Nepal earthquakes. The maps will be used to identify areas of continued high landslide risk, said Marin Clark, a U-M geomorphologist and geophysicist who studies tectonic movements in the Himalayas and who is an expert on landslides triggered by earthquakes.

Hillsides stripped of vegetation by earthquake-generated landslides become hotspots for further landsliding during summer monsoon rainstorms, said Clark, an associate professor in the U-M Department of Earth and Environmental Sciences.

“While last year’s monsoon was relatively mild, concern is high over what to expect this summer, if we were to have a normal or stronger-than-typical monsoon,” Clark said. “We’re releasing this new landslide inventory in time for the upcoming monsoon season so that government officials and aid organizations can use it to help a country that’s still recovering from last year’s disaster.”

With funding from the National Science Foundation, Clark and her colleagues have been studying the effects of last year’s Nepal earthquakes on the landscape by analyzing where and why the landslides occurred. They used drones during the 2015

“While last year’s monsoon was relatively mild, concern is high over what to expect this summer, if we were to have a normal or stronger-than-typical monsoon.”

— MARIN CLARK

field season to help locate and map the landslides.

Clark’s collaborators on the study include Dimitrios Zekkos of the U-M College of Engineering and Joshua West of the University of Southern California. U-M graduate students Julie Bateman and Will Greenwood participated in the fall fieldwork, and undergraduate student Kevin Roback developed the digital landslide inventory.

The highest density of Nepal landsliding, and therefore the location of highest ongoing risk, is concentrated in four large river valleys, one of which contains the main road from Nepal to China, Clark said.

During the 2015 field season, the researchers also documented evidence of monsoon-related debris flows resulting from earthquake landslides. Debris flows are fast-moving mixtures of water, soil and rock. In Nepal following last year’s earthquakes, debris flows impacted villages and temporarily blocked rivers, creating a flood risk.

U-M graduate students will head back to Nepal next month to conduct additional fieldwork. Clark will return with a team of faculty researchers and students in the fall and is coordinating with groups from Switzerland and Germany. The landslide inventory and a related research article will be submitted for publication in a peer-reviewed journal.

## OBITUARY

## Maxwell Reade

After 100 years and two days, Professor Emeritus Maxwell O. Reade died April 13.

He met his goal of living to 100, and he led a remarkable life. The son of Hungarian immigrants, Reade was born in Philadelphia, and later moved with his family to Brooklyn, where he finished high school and attended Brooklyn College, graduating in 1936. He entered the math graduate program at Harvard on tuition scholarship, then went to Rice University on full scholarship to get his Ph.D. in 1940.



Reade

Reade was a professor of mathematics at the University of Michigan for 40 years, specializing in Complex Analysis, published 83 papers and was awarded the AMOCO Good Teaching Award in 1983. In World War II, he worked for the Applied Mathematics Panel of the Office of Scientific

Research and Development and his applications of mathematics to the Allied war effort saved thousands of lives.

As associate chairman for mathematics graduate students for over seven years in the late 1960s and early 1970s, Reade was both a vigorous recruiter of quality students and a tireless worker on their behalf once they were here. He was ahead of his time in recognizing the importance of seeking and nurturing minority students. Reade ardently supported scholarships and grants for students, traveling to historically black colleges in the South and recruiting students for scholarships — more than 50 Ph.D.s were awarded to minority students he recruited — as well as foreign students. These trips afforded an opportunity to indulge in his passion for jazz, and he interviewed many musicians while amassing a large collection of jazz records.

As chairman of the LSA Scholarship committee from 1974 to 1994, Reade continued to help countless students pursue a college education who would not have otherwise had the means. He found and recruited talented students in all disciplines and was instrumental in establishing the Dean’s Merit Scholarships in LSA. He had the ability to seek and find extremely bright students, particularly in mathematics, and convince them that Michigan was the right choice for their education. Reade was especially effective in assuring the mothers that their children would succeed here. His warmth, humor and passion for Michigan became the deciding factor for many to choose Michigan.

Reade was predeceased by his wife Marjorie and his former wife Isabel. He is survived by children Michael, Tim (Joy) and Alison Diver, and Lawrence Dolph (Lynn Nybell); grandchildren Fran (Ben Rosenberg), Chris, Wes Diver, Christine Dolph (Brian Wachutka) and John Dolph; great-granddaughter Winona Marjorie Wachutka; nieces Pam Schwarzmann (Ken Fink), Karen Schwarzmann (Larry Rosen) and Ann Schwarzmann (Greg Haagenson); nephews Tom Schwarzmann (Lisa Byle) and Tim Schwarzmann; grand nephew Peter Griess (Tiffany Reese); and great-grand nephew Ryder Griess.

Reade was known for his sense of humor, devotion to causes supporting the “little guy,” intolerance of social injustice, making paw paw jam and writing letters to the editor published in the New York Times and Ann Arbor News. His final gift to education was to donate his brain to a longitudinal study at the U of M Brain Bank.

Memorial contributions may be made to the Marjorie and Maxwell Reade Fund for Student Support (#796403), U-M Department of Mathematics, 530 Church St., Ann Arbor, MI 48109-1043 or by going to [victo.rs/1WFYvoF](http://victo.rs/1WFYvoF). A memorial service will take place at 1 p.m. June 9 at the First Unitarian Universalist Congregation of Ann Arbor, 4001 Ann Arbor-Saline Road in Ann Arbor. Details will be available on the Mathematics website [lsa.umich.edu/math](http://lsa.umich.edu/math).

— Submitted by the Department of Mathematics

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# Community, multiuniversity partnership to address Flint health challenges

By Kylie O'Brien  
UMHS Department of Communication

Flint community partners and three major Michigan university campuses on April 26 announced a new partnership to help address, through coordinated research efforts, the current and future status of residents and their health.

The new initiative — the Healthy Flint Research Coordinating Center — brings together Flint's Community Based Organization Partners (a coalition of community-based organizations), UM-Flint, the University of Michigan's Ann Arbor campus and Michigan State University.

The initiative will ensure community needs stay at the forefront in current and future research efforts in the Flint community.

"We believe this joint effort between the universities, community members and local health advocates will become a national model for coordination because it will allow stakeholders to share information, resources and brainpower," says Chancellor Susan E. Borrego of UM-Flint.

The HFRCC will serve as a central coordinating center for each university and the community, inviting individual MSU, U-M and UM-Flint researchers, and community organizations to connect and partner through the center to achieve their goals.

Focuses will include the economic, environmental, behavioral and physical health of Flint residents as Flint recovers, rebuilds and faces future public health challenges due to the water crisis.

"Our goal is to work together to achieve the best outcomes for Flint residents," says Kent Key, assistant executive director of the CBOP. "We want to avoid situations in which the community might feel torn in determining which university to partner with."

CBOP, U-M, UM-Flint and MSU researchers founded the center in direct response to the Flint community's desire for leading academic institutions to collaborate and be inclusive of community voices.

"Michigan State has been a knowledge partner in Flint for a century now and this effort will further complement the Hurley/MSU Pediatric Public Health Initiative and the other health, education and community building efforts we're involved in today," says MSU President Lou Anna K. Simon.

"With our University of Michigan colleagues, we are pleased to offer Flint residents a new point of access to a tremendous reservoir of collective expertise and to give our own researchers additional channels to serve the community."

Many researchers from each institution already work on research projects related to Flint, often in partnership with community organizations in the city and surrounding region.

Collaborating with the HFRCC, which is voluntary, allows researchers to learn more about each other's work and plan activities that complement, rather than duplicate, one another's efforts. The HFRCC will also make it easier for researchers and community organizations to share data sets and surveys of Flint residents.

"The University of Michigan is committed to the health and well being of the people of our communities. Together with our partners in Flint,



HARLEY J SEELEY

The Healthy Flint Research Coordinating Center's core leadership team is, from left, Suzanne Selig of UM-Flint, Marc Zimmerman of U-M, E. Yvonne Lewis of Community Based Organization Partners, Debra Furr-Holden of MSU, Jennifer Johnson of MSU, Kent Kay of CBOP, Dr. Rebecca Cunningham of U-M, and Vicki Johnson-Lawrence of UM-Flint.

## More online

- For more information about the Healthy Flint Research Coordinating Center, call 810-762-3172.

the HFRCC unites three top campuses in a collaboration that is sustainable for the long road ahead," says U-M President Mark Schlissel.

The HFRCC will facilitate community involvement from the initial phases of university-generated research ideas. In addition, the HFRCC will facilitate community-generated research, ensuring that issues identified by the community also move forward with the appropriate rigor.

The center will have a community ethics review board composed of members from CBOP. The review board will look at the intent and purpose of proposed research projects and endorse those they believe should move forward.

Researchers can use this endorsement to indicate the community's need and commitment for their research when they seek funding from foundations or government agencies.

"This partnership will build on the established relationships the universities already have with the Flint community," says E. Yvonne Lewis, a founding member of the CBOP. "It is exciting for the community to be viewed as an ally and equal partner in community research."

The HFRCC has a core leadership team of two representatives from each of the three campuses and CBOP:

- CBOP — Kent Key, assistant executive director for CBOP and a health disparities researcher and community activist; and E. Yvonne Lewis, a founding member of the CBOP, who has more than 20 years of experience working with institutional and community partners in Flint.

- U-M's Ann Arbor campus — Dr. Rebecca Cunningham, professor of emergency medicine at the Medical School and professor of health behavior and health education at the School of Public Health; and Marc Zimmerman, professor of health behavior and health education at SPH. Each brings to the HFRCC 20 years of experience working in the Flint community.

Cunningham leads multiple Flint-based Centers for Disease Control and Prevention and National Institutes of Health grants to assess the mental health needs of the community, often in partnership with Hurley Medical Center. Zimmerman directs

the Prevention Research Center of Michigan and the CDC-funded Youth Violence Prevention Center, both based in Flint.

- UM-Flint — Suzanne Selig, professor and director of the Public Health and Health Sciences Program, has worked in the Flint community for more than 30 years; and Vicki Johnson-Lawrence, assistant professor and research program manager in the Public Health and Health Sciences Program, brings expertise in social epidemiology and biostatistics.

- MSU — Debra Furr-Holden, C.S. Mott Endowed Professor of Public Health based in Flint, epidemiologist and professor in the MSU Department of Epidemiology and Biostatistics in the College of Human Medicine; and Jennifer Johnson, C.S. Mott Endowed Professor of Public Health based in

Flint, clinical psychologist, and associate professor in the MSU Department of Obstetrics, Gynecology, and Reproductive Biology in the College of Human Medicine.

Furr-Holden and Johnson have extensive NIH funding histories, bringing more than \$10 million in NIH funding to Flint in their first year.

The core leadership team members are each working with their respective community organizations and universities to obtain initial support for the HFRCC with expectations that future funding will come from federal grants and foundation resources.

The HFRCC will be housed in Flint at a location yet to be determined. It is expected that the center will grow in the coming months and will serve as a resource to additional community organizations and institutions.



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SPRING COMME



ERIC BRONSON, MICHIGAN PHOTOGRAPHY

Student speaker Alexandra Futterman addresses the crowd during the School of Kinesiology Commencement Ceremony at Hill Auditorium.



SCOTT C. SODERBERG, MICHIGAN PHOTOGRAPHY

College of Pharmacy graduate Maahin Mahmood, right, poses for a photo after a commencement ceremony April 24 at Rackham Auditorium.



ERIC BRONSON, MICHIGAN PHOTOGRAPHY

Guest speaker Admiral William Gortney delivers his remarks during the Navy ROTC Commissioning Ceremony at the First United Methodist Church.



SCOTT C. SODERBERG, MICHIGAN PHOTOGRAPHY

Graduates of the Horace H. Rackham School of Graduate Studies listen during Rackham Graduate Exercises April 29 at Hill Auditorium.

# COMMENCEMENT 2016



SCOTT C. SODERBERG, MICHIGAN PHOTOGRAPHY

The procession for Rackham Graduate Exercises begins at the Rackham Building and continues to Hill Auditorium.



ERIC BRONSON, MICHIGAN PHOTOGRAPHY

Members of the Class of 2016 cheer during the ceremony.



SCOTT C. SODERBERG, MICHIGAN PHOTOGRAPHY

University of Michigan graduates celebrate during 2016 Spring Commencement at Michigan Stadium.


 SPRING COMMENCEMENT 2016


SCOTT C. SODERBERG, MICHIGAN PHOTOGRAPHY

President Mark Schlissel, right, hands an Honorary Doctorate of Laws to business leader and former New York City Mayor Michael Bloomberg.



SCOTT C. SODERBERG, MICHIGAN PHOTOGRAPHY

Kathryn Bertodatto, who earned a Bachelor of Arts degree in English, delivers the student address during 2016 Spring Commencement.

### Commencement, from Page 1

Bloomberg, who created the international financial information company Bloomberg LP and who now is the United Nations Secretary-General's Special Envoy for Cities and Climate Change, used his speech to encourage citizenship in the face of political intolerance that he said exists at levels worse than any he can remember.

"Neither party has a monopoly on good ideas, and each demonizes the other unfairly and dishonestly," he said, decrying Republicans who target undocumented immigrants and Muslims, and Democrats who blame the wealthy and Wall Street.

"Every generation has had to confront its own demagogues, and every generation has stood up and kept them away from the White House, at least so far. And now it is your turn," said Bloomberg, who led New York City from 2002-13.

"If we want to stop demagogues, we have to start governing again, and that requires us to be more civil, to support politicians who have the courage to take risks, and reward those who reach across the aisle in search of compromise."

Bloomberg not only criticized politicians, but also those in academia who bow to pressure and attempt to shield students from challenging and uncomfortable ideas through "safe spaces, code words and trigger warnings."

"The whole purpose of college is to learn how to deal with difficult situations, not to run away from them," Bloomberg said. "A microaggression is exactly that — micro. But in a macro sense the most dangerous place on a college campus is a so-called 'safe space,' because it creates a false impression that we can isolate ourselves from those who hold different views."

Speaking from his experience of launching what became a worldwide company at age 38, after being fired from a job on Wall Street, Bloomberg

**"I hope you will tell everyone about your experiences, to help others understand the value to the public of what we do here."**

— MARK SCHLISSSEL

### More online

- **View the full ceremony:** [tinyurl.com/h79vvvv](http://tinyurl.com/h79vvvv)
- **Photo gallery from the Big House and other ceremonies:** [umphoto.zenfolio.com/umcomm16](http://umphoto.zenfolio.com/umcomm16)

urged graduates to never stop learning if they wish to succeed in a knowledge-based, global economy.

"If you have the luxury of more than one job offer, now or in the future, don't pick the one that pays the most. Pick the one that teaches you the most," he said.

"Whatever you think your dream job today is, don't get too attached to it. Chances are if that job exists in 15 years, it will be very different, and you will have found other pursuits."

Besides Bloomberg, who was awarded an honorary Doctor of Laws degree, four others received honorary degrees. They are:

- Michael Brown, CEO and co-founder of City Year, a nonprofit organization dedicated to engaging young people in a year of national service, Doctor of Laws. His degree was to be conferred at the UM-Dearborn commencement.
- Michele Oka Doner, artist and U-M alumna known for her pioneering and multidisciplinary contributions to visual culture, Doctor of Arts.
- Mary-Claire King, world leader in cancer genetics and the use of genomics to address social injustice, Doctor of Science.
- Beverly Daniel Tatum, Spelman

College president emerita, psychologist and U-M alumna, Doctor of Laws.

In his remarks, President Mark Schlissel encouraged graduates to share their stories with fellow citizens to advocate for U-M and all public research universities.

"I hope you will tell everyone about your experiences, to help others understand the value to the public of what we do here," Schlissel said. "Graduating from the University of Michigan makes all of you an indispensable part of our impact."

That impact is "lasting and ubiquitous," he said, offering examples that ranged from helping make the Internet accessible worldwide, to inventing the iPod, to writing award-winning books and plays, to creating life-saving vaccines and medical procedures, to developing the technology for autonomous and connected vehicles.

"Behind these accomplishments are the breadth and depth of academic excellence and a commitment to helping society that are only possible at a public research university," Schlissel said, warning that "America's intellectual infrastructure" is being threatened by public disinvestment.

"We have to work hard to help the public and our policymakers

understand the value of public research universities," he said.

Faculty Senate Chair Silke-Maria Weineck, professor of German and comparative literature, welcomed graduates by declaring the faculty's primary goal was to have taught them to think and to care, "and to act with thought and care is to carry forward the spirit of this remarkable place in which you have been immersed these past years."

Provost Martha Pollack reflected on a similar theme, saying good leaders are made from two simple qualities: "being smart and caring about people."

"There are many ways to lead," Pollack said. "I feel confident that the education you've gotten at Michigan has provided you with both the characteristics you need to be a leader."

LSA Dean Andrew Martin listed several examples of ways in which the U-M family has related to its community and the world, then told graduates it's now their turn.

"Today, we turn you loose upon the world. But no matter how far you travel, you'll always be welcome here, and we hope you will come back, again and again, to your Michigan home," he said.

The student address was delivered by Kathryn Bertodatto, a transfer student and mother who commuted to Ann Arbor from Traverse City each week for the last two years to achieve a Bachelor of Arts degree in English.

She urged her fellow graduates to follow the advice of Eleanor Roosevelt, who suggested everyone should "do one thing every day that scares you."

Bertodatto said graduates should "stick with the people willing to fail with you, be wrong with you, make mistakes with you, believe in you."

"Because you will fail, you will be wrong, and heaven knows we all make mistakes, but the people who know that, and recognize that the hope of success is still worth it, those are your people. Be that person for them as well."

# Students experience Golden Age of Radio with authentic sound effects

By Laurel Thomas Gnagey  
Michigan News

Grab a friend and head to the nearest set of uncarpeted stairs. Close your eyes and listen as she goes up and down the steps. Can you hear a difference?

Earlier this semester, students in English 346 did a version of this exercise as they learned what it takes to make realistic sound effects for classic radio drama.

“We learned that going upstairs sounds like skiff, skiff, skiff, skiff and going downstairs sounds like clunk, clunk, clunk, clunk, clunk,” said Michael Byers, associate professor of English language and literature. “You’re trying to convey a lot of information with just your footsteps, and you don’t want to say, ‘come on, let’s go upstairs’ if you don’t have to.”

Byers teaches the course called American Sounds: Radio Drama and Comedy, 1930-1962, in LSA. In the highly interactive course, students learn about the Golden Age of Radio and are challenged to write and produce original dramas or comedies, complete with authentic sound effects.

Students were assigned to write an episode for one of the historic radio series they listened to in class or to create a new concept. Three original dramas — two mysteries and a children’s program — were selected for a final performance April 18 at the U-M Museum of Art.

A few days before the performance students were rehearsing TinTin, a story about a journalist who stumbles upon a plane crash and two counterfeiters. His nose for news ends up getting him into trouble with the pair and with the law, as the crooks attempt to frame the hero.

It was up to Randy Lockett and about a half-dozen other students to help TinTin come to life with sound effects.

“I’m playing the shoes in this episode,” said Lockett, a senior English major, explaining how he has to take an ordinary pair of dress shoes and make the characters walk and run on several surfaces like gravel and the metal gang plank on a ship.

Various gadgets were divided among team members, including an old dial phone, a metal file drawer and a set of door knobs that make the sound of a gun being cocked.

A cherry stoner that is cranked to remove the pit from the small fruit becomes a locomotive on the tracks, but only for scenes outside. A wooden drying rack for a fly rod reel line used in fishing provides the steady clickety-clack for a scene inside the train car. A meat grinder makes the grinding, screeching brake sounds as the train comes to a stop. An old school bell is rung to signal all aboard.

“It’s interesting to me how they put the shows on. A lot of them were live. If you made a mistake it just stayed in,” Lockett said. “It’s fun, it’s nostalgic to look back and see how they did stuff.”

Byers, who refers to himself a fan and aficionado of the genre, said his aim for the course is not just to help students develop an appreciation for radio drama. He calls it his “secret



Eva Mooney, right, as journalist TinTin quizzes Travis Bergman and Sarah Sisk, two counterfeiters, about their crashed plane.



Eva Mooney reads the lead role of TinTin during a final rehearsal.



Students rehearse TinTin, one of three radio dramas chosen for public performance from a Golden Age of Radio class assignment in which all students wrote an episode of a once-popular program or an original creation.

“It’s a class that is very deeply rooted in an actual legitimate love of the time period and of the medium.”

— CALEB BROWNER



mission” to share its historical place in the lives of several generations.

“We’re teaching a bit of American history through these great old shows,” he said. “Think of what happened during those years. It’s the Depression. It’s the oncoming of World War II. It’s World War II. It’s after the war when the soldiers came home. It’s the onset of the McCarthy era, it’s the Cold War, and it’s the beginning of the ’50s conformity.

“Every day, all day, people listened to the radio, and they would listen to stories on the radio.”

On the day of rehearsal, Eva Mooney, a classics and English literature major, was a stand-in for the actor

who normally plays TinTin.

“We learned a lot about politics of radio which is very interesting, and how a lot of these radio shows reflected a movement, or social unrest, or were backed by the government, or were disliked by the government, and I found that very interesting,” Mooney said.

“It’s a class that is very deeply rooted in an actual legitimate love of the time period and of the medium,” said show announcer Caleb Browner, an English major, who called the class a great find.

The student from Detroit said he and his mother have been radio drama lovers since finding a satellite radio station that plays many of the classics, as well as a few new creations from the small resurgence of interest in this form of entertainment.

“We became a huge fan of Johnny

Dollar, the Shadow, the Whistler. It became sort of a family thing,” Browner said.

The delivery of his lines demonstrated his understanding of the form. “I tried to do the sort of radio announcer voice, which was kind of a very standard thing in the industry at that time.”

In the style of old radio drama, the scripts also included a sponsor. Javier Torres, an English and screen arts major, delivered the opening and closing Colgate tooth powder plugs: “Does your breath wilt the flowers when you stop to admire them?”

The actors hovered around a period-appropriate single microphone to deliver their lines, while Byers stood in the middle of the room, cuing the effects team on when and how long to deliver the sounds: a dog barking, doors slamming and the sound of a scuffle, which was created by the team slapping their bodies over and over.

The ferryboat whistle failed. Not everyone is able to blow into a glass bottle and make the air vibrate to create sound. A different student tries it on the next run-through. Success!

## RESEARCH

# One oil field a key culprit in global ethane gas increase

By Nicole Casal Moore  
Michigan News

A single U.S. shale oil field is responsible for much of the past decade's increase in global atmospheric levels of ethane, a gas that can damage air quality and impact climate, according to new study led by the University of Michigan.

The researchers found that the Bakken Formation, an oil and gas field in North Dakota and Montana, is emitting roughly 2 percent of the globe's ethane. That's about 250,000 tons per year.

"Two percent might not sound like a lot, but the emissions we observed in this single region are 10 to 100 times larger than reported in inventories. They directly impact air quality across North America. And they're sufficient to explain much of the global shift in ethane concentrations," said Eric Kort, U-M assistant professor of climate and space sciences and engineering, and first author of the study published in *Geophysical Research Letters*.

The Bakken is part of a 200,000-square-mile basin that underlies parts of Saskatchewan and Manitoba in addition to the two U.S. states. It saw a steep increase in oil and gas activity over the past decade, powered by advances in hydraulic fracturing, or fracking, and horizontal drilling.

Between 2005 and 2014, the Bakken's oil production jumped by a factor of 3,500, and its gas production



ERIC KORT

Researchers flew over the Bakken oil field in North Dakota and Montana to gather data about emissions of ethane, a hydrocarbon gas that can damage air quality and impact climate. This is the view from their NOAA Twin Otter aircraft.

by 180. In the past two years, however, production has plateaued.

Ethane is the second most abundant atmospheric hydrocarbon, a family of compounds made of hydrogen and carbon. Ethane reacts with sunlight and other molecules in the atmosphere to form ozone, which at the surface can cause respiratory problems, eye irritation and other ailments and damage crops.

Surface-level ozone is one of the main pollutants that the national Air Quality Index measures in its effort to let the public know when breathing outside for long periods of time could be harmful. Low-altitude ozone also plays a role in climate change, as it is a greenhouse gas and the third-largest contributor to human-caused global

warming after carbon dioxide and methane.

Globally, the atmosphere's ethane levels were on the downswing from 1984 to 2009. The gas gets into the air primarily through leaks in fossil fuel extraction, processing and distribution. Scientists attributed its declining levels to less venting and flaring of gas from oil fields and less leakage from production and distribution systems.

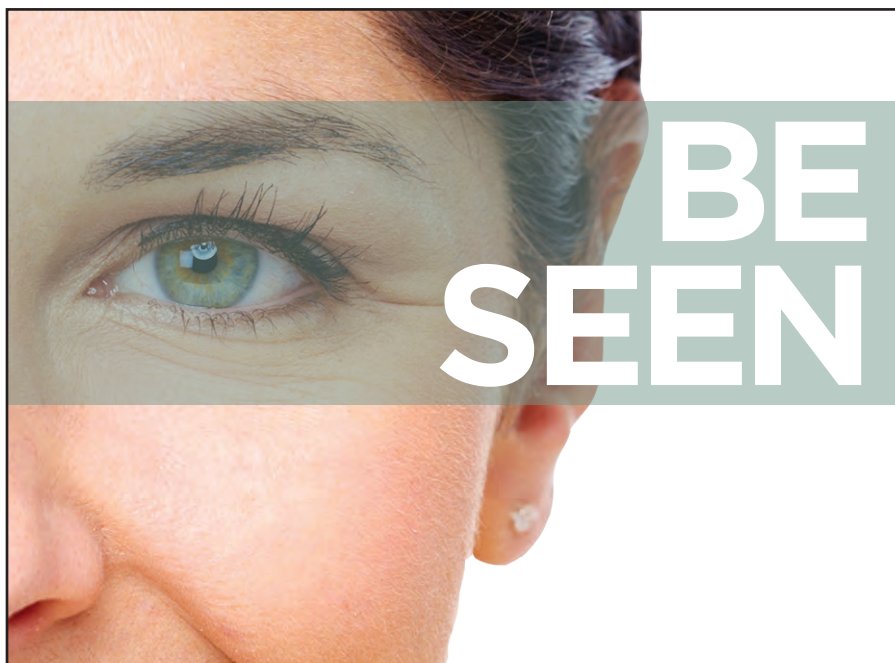
But in 2010, a mountaintop sensor in Europe registered an ethane uptick. Researchers looked into it. They hypothesized that the boom in U.S. oil and gas brought about by hydraulic fracturing could be the culprit—even a continent away. Ethane concentrations have been increasing ever since.

To gather their data, the researchers flew over the Bakken Formation in a NOAA Twin Otter aircraft, sampling air for 12 days in May 2014. Their airborne measurements from directly over and downwind of oil production areas show that the field's ethane emissions of 0.23 teragrams per year, or roughly 250,000 U.S. tons, effectively cancel out half of the global decline rate.

"These findings not only solve an atmospheric mystery — where that extra ethane was coming from — they also help us understand how regional activities sometimes have global impacts," said co-author Colm Sweeney, a scientist with the Cooperative Institute for Research in Environmental Sciences at the University of Colorado Boulder, and NOAA. "We did not expect a single oil field to affect global levels of this gas."

Ethane emissions from other U.S. fields, especially the Eagle Ford in Texas, likely contributed as well, the research team says. The findings illustrate the key role of shale oil and gas production in rising ethane levels.

The study is titled "Fugitive emissions from the Bakken shale illustrate role of shale production in global ethane shift." Also contributing were researchers from NOAA, NASA Goddard Institute for Space Studies, Columbia University, Stanford University and Harvard University. The research was funded primarily by NOAA and NASA.



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RESEARCH

# Risk of abuse lower for teens prescribed stimulant medications early in life

By Jared Wadley  
Michigan News

Teens who take prescribed stimulant medications such as Ritalin, Adderall, Concerta and methylphenidate within a medical context early in life are at lower risk for developing substance use problems in adolescence, according to a new University of Michigan study.

When these medications are used early for nonmedical purposes, such as taking someone else's prescription, the teens are more likely to develop substance use problems in adolescence.

"These findings are notable because the prescribing of stimulant medications, nonmedical use of prescription stimulants and related health consequences have increased significantly among youth in the United States over the past two decades," said Sean Esteban McCabe, the study's lead author and a research professor at the U-M Institute for Research on Women and Gender.

McCabe and colleagues examined how the context (medical versus non-medical) plays a critical role in the relationship between early exposure to attention-deficit/hyperactivity disorder (ADHD) stimulant medication and the risk of substance use problems for adolescents.

The study included responses from 4,755 Detroit-area secondary school students who completed a web survey about substance use, such as cigarette smoking, binge drinking, marijuana

use, nonmedical use of other prescription medications (anti-anxiety, pain and sleeping medications), and other drug use (LSD, heroin, Rohypnol, ecstasy). ADHD and substance use problems also were assessed. More than one in every 10 students in this sample had been diagnosed with ADHD.

There is significant state-to-state variability in the type of treatment for ADHD, and Michigan has the highest rate of medication treatment among children with ADHD in the United States, McCabe said.

The late use of medical prescription stimulants are associated with greater odds of past year substance use problems when compared to their peers who use prescription stimulants within a medical context earlier in life and peers who do not use stimulants in a medical context, the study showed.

Both early and late use of non-medical stimulants are associated with increased risk of substance use problems compared to peers who did not use stimulants in a nonmedical context.

McCabe collaborated with Philip Veliz, an IRWG research assistant professor, and Carol Boyd, a research professor at IRWG and the Deborah J. Oakley Collegiate Professor of Nursing.

The findings appear in the current issue of Drug and Alcohol Dependence.



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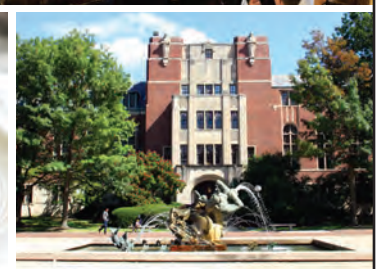
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**Award, from Page 3**

number of minority doctoral students in the Department of Health Behavior and Health Education at SPH. She also supervised a disproportionate share of their doctoral dissertations. Geronimus also supported their efforts to win postdoctoral fellowships and faculty positions, while maintaining high academic standards.

“Geronimus has repeatedly demonstrated intellectual excellence and commitment to cultural diversity in all aspects of her work — service, teaching, mentoring and scholarship — has helped increase diversity within her academic units and the university, has solidified a commitment to diversity as part of the university’s educational mission, and has relentlessly strived to bring about equity in society,” wrote Jeffrey Morenoff, director of the Population Studies Center.

**Robert Jagers**

Jagers, associate professor of education in the School of Education, demonstrates a commitment to diversity, equity and inclusion through his efforts to encourage civic engagement and critical consciousness in young people. Jagers has been developing a Partners in Authentic Learning course called that prepares undergraduate students to tutor and mentor mostly ethnic minority students in local schools.

He spent three years as chair of the Combined Program in Education and



Jagers

Psychology (CPEP). During that time, CPEP rose to No. 2 in the U.S. News and World Report’s ranking of educational psychology graduate programs while also boasting several cohorts of exceptional doctoral students of color.

Jagers has been developing and leading the Wolverine Pathways program aimed at increasing representation of low-income students at Michigan. The goal is to help create Michigan-ready high school graduates. Its design is born of more than 25 years of research and field work aimed at understanding the complex connections among culture, race and class and their impact on the social-emotional development of urban youth.

“He is training the next generation of scholars and practitioners dedicated to diversity by sharing a strong vision of social justice and community engagement. Just as he is enriching our university through these efforts, he is also enriching the local communities around us,” wrote Stephanie J. Rowley, professor and chair, CPEP.

**Nojin Kwak**

Kwak, associate professor of communication studies in LSA, demonstrates an outstanding commitment to the development of a culturally and ethnically diverse campus community.



Kwak

A hallmark of Kwak’s diversity efforts is his directorship of the Nam Center for Korean Studies since 2009. The Nam Center

encourages the economic, political and cultural understanding of Korea in the U-M community and beyond.

As its director, Kwak has supported student and faculty research and recruitment, engaged in curriculum development, established a speaker series, created two annual film festivals, and provided funding for public programs. He has raised more than \$5 million to support the Nam Center’s programming, regularly meeting with donors in Korea while maintaining an active research, teaching and service program.

He also has developed curricula and educational programs, and allocated resources to help students enhance their cross-cultural knowledge through engaged and immersive learning. Kwak also directs the Committee on Institutional Cooperation Korean Studies e-School, a course-sharing initiative among CIC member schools.

“Through fundraising, sustained programming of a range of academic and cultural activities, and nurturing Ph.D. students, postdoctoral fellows and junior faculty, Dr. Kwak has played a critical role in positioning Michigan as the leading center for Korean and Korean-American studies,” wrote Aswin Punathambekar, associate chair and associate professor of communication studies.

**Jennifer Linderman**

Linderman, associate dean of graduate education, professor of chemical engineering and professor of biomedical engineering in CoE, has helped the college maintain a diverse and high-performing graduate student body.



Linderman

Recruiting begins with Linderman’s office developing a comprehensive list of student prospects. They are suggested by multiple stakeholders and sources including engineering faculty members and alumni in academia, current graduate students who recruit at their alma maters, national fellowship databases, summer research programs, campus visit programs and contacts made at key national conferences. They include the National Society of Black Engineers.

In a given year, her office compiles data from more than 20,000 prospective graduate student contacts to reach a target list of approximately 1,300 Ph.D. student prospects. An application fee waiver program she advanced

has been effective in diversifying the Ph.D. application pool.

Linderman also is a key mentor of the college’s women faculty members, and is helping to lead the effort to develop the diversity, equity and inclusion strategic plan for CoE.

“Considering not only the length and breadth of Professor Linderman’s contributions to enhancing diversity, equity and inclusion on this campus, but also her creativity and dedication in developing new initiatives, I believe she is richly deserving of this important recognition,” wrote Abigail J. Stewart, director of ADVANCE, promoting institutional changes to support the needs of a diverse faculty in all fields.

**Ruby Tapia**

Tapia is an associate professor of English language and literature, associate professor of women’s studies and director of undergraduate studies in LSA. She has served on the Rackham Humanities Diversity Committee since summer 2014.

At Rackham, her contributions have been instrumental in the development and launching of the new Michigan Humanities Emerging Research Scholars Program, the construction and continuing refinement of recruiting strategies to be shared with departments, and the creation of a draft resource to be made available to departments.

Rackham also has benefited from her work to develop a presentation to faculty participating in the summer program about the role of diversity in the vitality of the humanities. Tapia also is known as the Department of English Language and Literature’s go-to faculty member for advice, support and guidance on diversity issues.

“Beyond her seemingly boundless energy, what most strikes me about Ruby is that she has been absolutely fearless about speaking on behalf of equity and inclusion in whatever forum it is required,” wrote Valerie Traub, Frederick G. L. Huetwell Professor of English and Women’s Studies.

“Not only is she attentive and generous in ways that disarm opposition; her observations are often so finely targeted and so rhetorically deft that they prove enormously helpful in moving conversation and scholarship along more productive paths.”



Tapia

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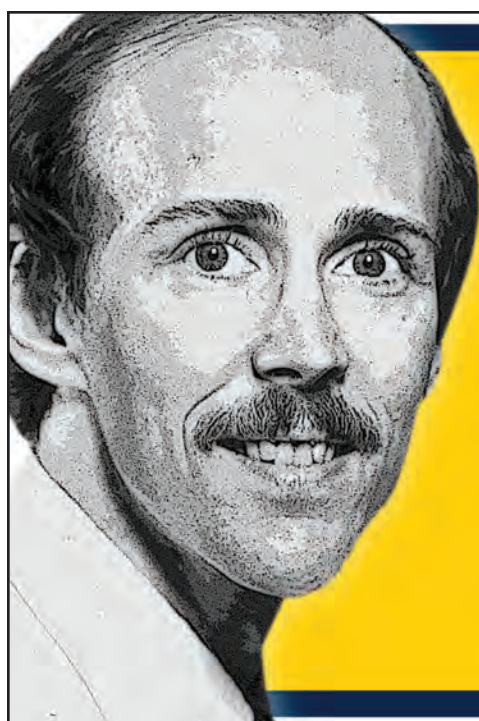
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# Diversity video series features voices of faculty, staff and students

By Dana Elger  
Public Affairs

Faculty, staff and students share their ideas for success in creating a diverse, equitable and inclusive environment for the University of Michigan community in a video series launching this week.

Each short video of the eight-part series explores one idea for creating the model campus through the lens of the Diversity, Equity and Inclusion initiative President Mark Schlissel announced in November 2015.

The series is among several efforts to engage the campus community on the topic of diversity as the university works to create a comprehensive, universitywide plan to address diversity issues.

Video topics range from the importance of owning the message at the individual level to building trust between patients and physicians to save lives. They include:

- Faculty leadership: teaching courageously.
- Community health: building patient trust.
- Student support: making numbers real.
- Campus culture: owning the message.
- Public safety: serving the community.
- Student recruitment: always engaging.
- Problem solving: recognizing cognitive difference.

■ Student impact: making voices heard.

The first video of the series explores the role faculty play in creating a diverse, inclusive and equitable U-M campus through the ideas of Martha Jones, Arthur F. Thurnau Professor, professor of history and Afroamerican and African studies, and co-director Michigan Law Program in Race, Law & History.

“I think there’s something about courage that is fundamental to living diversity every day,” Jones says.

“In order to have the kind of inclusive climate that we aspire to, we also have to be ready to have the hard conversations — to be courageous, in ways both big and small; to experiment with ideas; to try on new ideas; to speak across difference.”

All of the videos are available on the U-M YouTube channel under the Diversity, Equity and Inclusion playlist: [myumi.ch/6nxwr](http://myumi.ch/6nxwr).

Last fall, the university began working on a five-year diversity strategic planning effort by calling on 50 university units to develop independent plans, which will be incorporated into a larger university plan by fall 2016, followed by implementation and evaluation through 2021.

The University Record will periodically share each video online throughout the summer. As each video is shared it also will be posted on the U-M Diversity, Equity and Inclusion website: [diversity.umich.edu](http://diversity.umich.edu).

## ACCOLADES



Rogers

**Eugene Rogers**, associate professor of music in the School of Music, Theatre & Dance, was recently appointed national chair of the Diversity Initiatives Committee of the American Choral Directors Association, by the ACDA executive committee. Plans call for the committee chairs to attend the ACDA leadership conference June 3-4 in Minneapolis.



Shaefer

**H. Luke Shaefer's** new book, “\$2 a Day: Living on Almost Nothing in America,” has been awarded the 2016 Hillman Prize for book journalism. Shaefer, associate professor in the School of Social Work and Gerald R. Ford School of Public Policy, wrote the book with Kathryn Edin, Bloomberg Distinguished Professor of Sociology and Public Health at Johns Hopkins University. The Hillman Prize honors journalists who pursue investigative reporting and deep storytelling in service of the common good.

**Anna Grzymala-Busse**, Ronald and Eileen Weiser Professor of European and Eurasian Studies and professor of political science in LSA, received a 2016 Andrew Carnegie Fellowship for the project, “The Dictator’s Curse? Authoritarian Party Collapse and the Nation State.” The fellowship, sponsored by the Carnegie Corporation of New York, supports scholarly research and writing in the social sciences and humanities aimed at addressing some of the world’s most urgent challenges to U.S. democracy and international order. She is director of the Weiser Center for Emerging Democracies and Weiser Center for Europe and Eurasia.

**Melissa Levine**, lead copyright officer at the University of Michigan Library, has been selected by the Coalition to Advance Learning in Archives, Libraries and Museums to participate in a learning cohort that will strengthen connections across sectors by attending three major sector conferences and engaging in virtual activities together throughout 2016. The Collective Wisdom: Libraries, Archives, and Museums Conference Exchange, sponsored by the coalition, will offer an opportunity to break down barriers and support connections across libraries, archives and museums.



Fogler

**H. Scott Fogler**, Arthur F. Thurnau Professor, Vennema Professor of Chemical Engineering and professor of chemical engineering, College of Engineering, has received an honorary doctorate degree from the Universitat Rovira i Virgili, Spain. Fogler is regarded as a towering figure in the world of chemical engineering for his outstanding career in teaching, research and technology transfer. His ideas have been a source of inspiration for the URV’s School of Chemical Engineering, which awarded the honorary degree April 15 in a ceremony at the Rector’s Offices.

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**Friday, June 3, 2016 • 8:30am – 4:45pm**  
**Rackham Amphitheatre, University of Michigan**

*At this symposium, scientists will summarize the effects of iron deficiency on child development and consider related controversies based on studies from epigenetic to community levels.*

**Morning Topics • 8:45am-12:00pm**

- Risks for Iron Deficiency in Infancy
- Neurobiology-timing, Treatment and Translation
- Long-term Developmental Outcomes with Infant Iron Deficiency

**Poster Session and Lunch • 12:00pm-1:00pm**

**Afternoon Topics • 1:00pm-4:30pm**

- Developmental effects considering prenatal iron deficiency
- RCTs and observational studies – why do conclusions differ?
- Next questions raised by neurodevelopmental studies to date
- Clinical dilemmas

Visit the Symposium website to register and obtain lodging information:  
<http://chgd.umich.edu/nutrition-symposium/>

**Symposium sponsors: Center for Human Growth and Development, University of Michigan Office of Research, and the Department of Pediatrics and Communicable Diseases**

## EVENTS

## MONDAY, MAY 2

**Navigating Department Politics**, 12:30-2:30 p.m., Lurie Engineering Center, Johnson Rooms and Dean's Dining Room. This session is a richly layered sketch that can be productively used to focus on two issues important to any university: faculty hiring and departmental climate.

## TUESDAY, MAY 3

**U-M edX Workshop: Exploring MOOCs and Academic Innovation**, 8 a.m.-5 p.m., North Quad. The Office of Digital Education & Innovation invites faculty to join this workshop for faculty who will have an opportunity to learn about U-M's MOOC experience to date and more. Information is at [digitaleducation.umich.edu/event/edx-workshop](http://digitaleducation.umich.edu/event/edx-workshop).

**The 1975 Earned Income Tax Credit and the Rise of Working Mothers: Health, History, Demography and Development** seminar presented by Jacob Bastian, U-M, 11:30 a.m.-1 p.m., Lorch Hall, Room 201.

**"Radicals: Your Life is in their Hands,"** Department of Biological Chemistry Annual G. Robert Greenberg Lectureship in Biological Chemistry: JoAnne Stubbe, MIT, noon-1 p.m., Medical Science Unit II, North Lecture Hall.

## WEDNESDAY, MAY 4

**Jewelry Sale**, 9 a.m.-3 p.m., Turner Geriatric Clinic, East Ann Arbor Health and Geriatrics Center, Main Lobby, 4260 Plymouth Road. Vintage and costume jewelry is donated for this sale. Proceeds support community programs.

**The Last Decision: Death and Burial**, 10 a.m.-noon, Turner Senior Resource Center, 2401 Plymouth Road. For fee information for this Osher Lifelong Learning Institute class for ages 50-plus, go to [olli-umich.org](http://olli-umich.org).

**Women in Greek Tragedy: Focus on Trojan War**, 1:15-3 p.m., Turner Senior Resource Center, 2401 Plymouth Road. For fee information on this OLLI course, go to [olli-umich.org](http://olli-umich.org).

**Novartis Symposium**, 3-5:30 p.m., Chemistry Building, Room 1640, Dow Laboratory.

**Interdisciplinary Seminar in Quantitative Methods**, Victor Chernozhukov, Massachusetts Institute of Technology, 4-5:30 p.m., Haven Hall, Eldersveld Room 5670.

## THURSDAY, MAY 5

**E-Waste recycling event:** Institutional event: commuters, non-profits, businesses, schools, 8 a.m.-4 p.m., U-M Commuter Parking, 2694 S. State St. This event is free.

**"To Dwell In Possibility: Creativity As Process And Stasis,"** Michelle Regalado Deatrick, author of fiction and poetry, 10-11:30 a.m., Rave Theater, 4100 Carpenter Road.

**Vaccine Court:** An American Solution for Recognizing Injuries, CBSSM seminar, Anna Kirkland, 3-4 p.m., North Campus Research Complex Building 16, Room 266C.

**"Electrochemical Energy Conversion and Storage: Materials Synthesis, Characterization and Performance,"** 4-5:30 p.m., Chemistry Building, Dow Laboratory. This talk is on noble metal nanostructures for (electro)catalysis and electrode materials for advanced rechargeable batteries, with Yongan Yang, Colorado School of Mines.

**"The Last Days of Pompeii (1913 classic silent film), A Spectacular Photo Drama,"** 7-8:30 p.m., Kelsey Museum of Archaeology.

## DON'T MISS



DOUG COOMBE

Yodit Mesfin-Johnson, entrepreneur and social change activist, is the keynote speaker at the Learning and Professional Development Career Conference 2016 from 8:30 a.m.-noon June 9 in the Rogel Ballroom, Michigan Union.

## LPD Career Conference 2016 addresses career goals

The U-M Learning & Professional Development (LPD) fourth annual Career Conference 2016, Designing Your Life on Your Terms, offers U-M faculty and staff inspiration to take more responsibility for their career aspirations.

The conference from 8:30 a.m.-noon June 9 features Yodit Mesfin-Johnson, entrepreneur and social change activist, as the keynote speaker. Mesfin-Johnson is CEO and vice president of strategy at NEW: Solutions for Nonprofits, and founder of Lips and Hips, a socially conscious company that curates unique women's events, offers leadership coaching and recently launched an organic lip gloss line.

Companion sessions are Once upon a Dream: Turn Your Dreams into Accomplished Goals, with Joanna Sabo; and a panel discussion, Shifting Gears: Career Discussions with Those on the Move.

The conference is free to U-M faculty and staff, thanks to sponsorship from LPD executive officers. More information is at [tinyurl.com/znwkkue](http://tinyurl.com/znwkkue).

**Master's Recital with Victor Minke Huls**, cello, 7 p.m., Earl V. Moore Building, Britton Recital Hall.

**"The White House Vice Presidency: The Path to Significance, Mondale to Biden,"** Joel K. Goldstein, author talk, 7:30-9 p.m., Gerald R. Ford Library. Goldstein explains how the last six vice presidents have transformed the office into a powerful partnership with their presidents.

## FRIDAY, MAY 6

**Drug Discovery Lecture Series: "Early Clinical Research Takes Patients,"** J. Fred Pritchard, Global Drug Development, Celerion, 9-10 a.m., Palmer Commons Forum Hall.

**Latina/o Studies Workshop Write-In**, 10 a.m.-2 p.m., Rackham West Study Hall South Alcove, for Latina/o Studies workshop graduate students. For more information, email [falers@umich.edu](mailto:falers@umich.edu).

**Shodo: Japanese Calligraphy class**, 1-3 p.m., Turner Senior Resource Center, 2401 Plymouth Road. For fee information, go to [olli-umich.org](http://olli-umich.org).

**Organic Reactions Symposium**, 4-5:30 p.m., Chemistry Building, Dow Laboratory, Room 1640.

**"A Tale of Two 'Villas': Luxury, Wine and Water and the Last Years of Oplontis,"** Michael L. Thomas, Center for the Study of Ancient Italy, The University of Texas at Austin, 6-7 p.m., Kelsey Museum of Archaeology, Room 125.

## SATURDAY, MAY 7

**Science with Passion and a Moral Compass**, 2016 John Vandermeer Festschrift symposium, 8 a.m.-5 p.m., Dana Natural Resources Building.

**Archaeology and the Hellenistic Near East symposium**, 9 a.m.-4 p.m., Kelsey Museum of Archaeology.

**E-Waste Recycling Event**, 9 a.m.-2 p.m., Pioneer High School parking lot. Enter off Main Street, at the first entrance south of Stadium. Responsibly recycle end of life electronics at this free event.

**Third Annual Beyond the Professoriate Online Conference-Career Day for Ph.D.s**, 11 a.m.-5 p.m., University of Michigan. This conference is for graduate students and recent Ph.D.s from STEM, social sciences and humanities disciplines. Register at [beyondprof.com](http://beyondprof.com).

**"Hairspray In Concert,"** Presented by Ann Arbor In Concert, 8 p.m., Power Center for the Performing Arts.

## SUNDAY, MAY 8

**"New Technologies and Victorian Society: Early British Photographs from the UMMA Collection"** exhibit guided tour, 2-3 p.m., U-M Museum of Art.

**Basic Rose Care:** Huron Valley Rose Society, 2-4 p.m., Matthaei Botanical Gardens. There also will be a Power Point program and time to discuss the newest roses, answer questions and share information. Refreshments will be provided.

**Drop-In Tour: Women in the Ancient World**, 2-3 p.m., Kelsey Museum of Archaeology. Celebrate Mother's Day with a docent-led tour of the Kelsey Museum. Explore the status of women in various ancient societies highlighted by representations of women, goddesses and mythological females.



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EVENTS

**“In Conversation: Albert Kahn’s Constructions,”** 3-4 p.m., U-M Museum of Art. Join exhibition curator Claire Zimmerman for an exploration of Detroit’s Albert Kahn Architects and Engineers, called the most important architectural firm of American industrialization before World War II. Register by emailing [umma-program-registration@umich.edu](mailto:umma-program-registration@umich.edu). Include date and title of program in email subject line.

**Third Dissertation Recital:** Azariah Tan, piano, 8 p.m., Walgreen Drama Center, Stamps Auditorium.

MONDAY, MAY 9

**Beekeeping in Cambodia:** Ann Arbor Backyard Beekeepers, 7-9 p.m., Matthaei Botanical Gardens, on raising bees in Cambodia, followed by a talk on swarm management practices.

TUESDAY, MAY 10

**American National Standards Institute Company Member Forum,** 8 a.m.-9 p.m., Stephen M. Ross School of Business, Room R1210.

**Life Sciences Institute Annual Symposium:** Chemical Biology: Rise of the Cellular Machines, 8 a.m.-5 p.m., Palmer Commons Forum Hall.

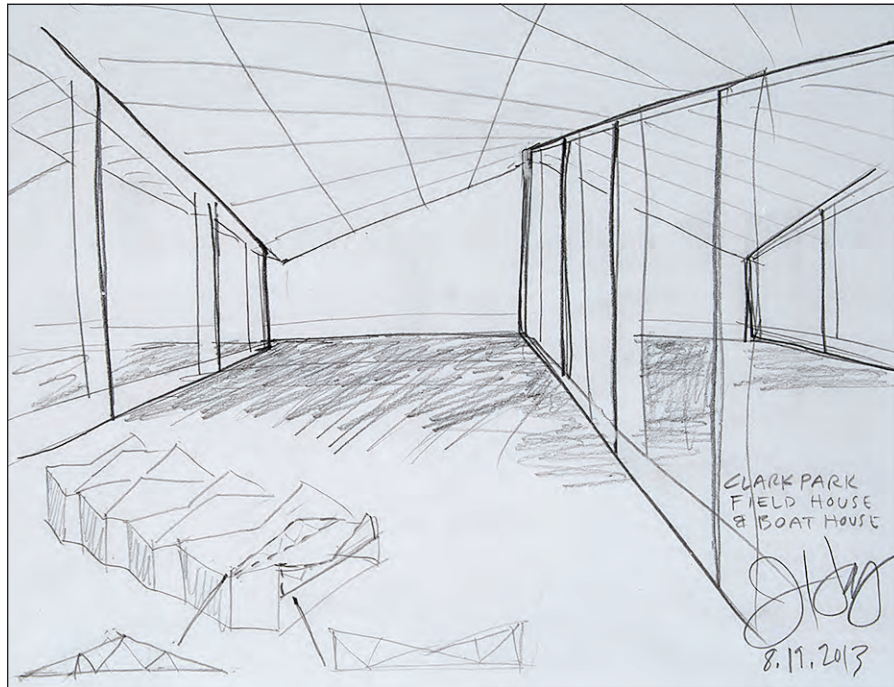
**“Confronting Climate Change: What are the Challenges,”** Henry Pollack, emeritus professor of geophysics, U-M, 10-11:30 a.m., Rave Theater, 4100 Carpenter Road. The lecture will outline the consequences associated with Earth’s changing climate, and will address approaches to mitigation and adaptation in the coming decades.

WEDNESDAY, MAY 11

**Catching Your Breath:** Michigan Alzheimer’s Disease Center, 6-7:30 p.m., Matthaei Botanical Gardens. This is a free monthly program for caregivers of adults with memory loss. For more information and to register, call 734-936-8803.

THURSDAY, MAY 12

**Just Imagine!** Ralph G. Williams, U-M, 10-11:30 a.m., Rave Theater, 4100 Carpenter Road, on the role of the liberal arts



JEANNE GANG

**“Boathouse Sketch”** is presented in the U-M Museum of Art exhibit **“In Focus: Jeanne Gang,”** May 10 through Aug. 7. Known for her integrative approach to materials, technology and ecological context, Chicago-based architect Gang was selected as a MacArthur Fellow in 2011. Soon after, Gang proposed a restoration of the Chicago riverfront through a series of small, transformational projects.

in a contemporary American university. For fee information, go to [olli-umich.org](http://olli-umich.org).

**Obara School of Ikebana Workshop:** Ikebana International, Ann Arbor Chapter, 1-3 p.m., Matthaei Botanical Gardens. Participants bring their own container and flower materials are provided. Cost: \$12 for members; \$15 guests. For registration and more information, email [janet.muheleman@regroup.us](mailto:janet.muheleman@regroup.us).

FRIDAY, MAY 13

**Conference on Ethics,** In Honor of Allan Gibbard, 9 a.m.-6:15 p.m., Michigan League, Hussey Room.

**“The Magic Flute”** Dress Rehearsal: Motor Coach Tour, 9:15 a.m.-6 p.m. Departure from Meijer’s on Carpenter Road. Join the Osher Life Long Learning Institute for those 50-plus at the Detroit Opera House for an 11 a.m. dress rehearsal of Mozart’s “The Magic Flute” by the Michigan Opera Theatre. This trip includes transportation from and returning to Ann Arbor, a post-performance boxed lunch, a docent-led talk and a behind-the-scenes tour of the Detroit Opera House. For more information including registration and fees, go to [olli-umich.org](http://olli-umich.org).

**Atomistic View into Microbial Functional Amyloids:** Meytal Landau, Technion Israel Institute of Technology, 4-5 p.m., Chemistry Building, Dow Laboratory, Room 1300.

**“Two Dimensional Spectroscopy: From Metal Carbonyls to Lipid Membranes,”** 4-5:30 p.m., Chemistry Building, Dow Laboratory, Carlos Baiz, University of Texas, Austin.

**Fridays After Five open house,** 5-8 p.m., U-M Museum of Art, free.

**“August Wilson – the Ground on Which I Stand,”** 6-8:30 p.m., Sankofa Film Series, Detroit Center, Ann Arbor Room. The series will showcase four films featuring Misty Copeland, Nina Simone, Gordon Parks and August Wilson. Speakers will lead a discussion. For more information, call 313-593-3584 or [detroitcenter@umich.edu](mailto:detroitcenter@umich.edu).

**Dancing with the Michigan Stars:** Presented by Arthur Murray Dance Centers, 8-11 p.m., Michigan Union, benefiting C.S. Mott Children’s Hospital. Local celebrities and Mott doctors will be partnered with professional ballroom dancers from Arthur Murray Dance Centers and compete head to head to win the championship title.

SATURDAY, MAY 14

**Butterfly Festival,** 10 a.m.-2 p.m., Museum of Natural History. See photo, page 22.

**Herbs with Madolyn:** Herb Study Group, 10 a.m.-4:30 p.m., Herb Study Group president Madolyn Kaminski answers questions about herbs and plants during the annual Kitchen Favorites herb and heirloom vegetable sale. For more information, email [m.kaminski@comcast.net](mailto:m.kaminski@comcast.net).

**Saturday Sampler, Uncovering Oplontis,** 2-3 p.m., Kelsey Museum of Archaeology. Enjoy one last look at “Leisure and Luxury in the Age of Nero: The Villas of Oplontis Near Pompeii.”

SUNDAY, MAY 15

**Engaging with Art,** 2-3 p.m., Museum of Art, UMMA docents will guide visitors through the galleries.

**“Xu Weixin: Monumental Portraits In Conversation: Realism in Portraiture,”** 3-4 p.m., U-M Museum of Art, Alfred Taubman Gallery I, Natsu Oyobe, UMMA’s Curator of Asian Art and the exhibition curator, will lead a discussion of the themes and artistic influences present in Xu Weixin’s

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## EVENTS

portrait paintings. Register to secure a place by emailing [umma-program-registration@umich.edu](mailto:umma-program-registration@umich.edu). Include date and title of program in the subject line.

**Master's Recital: Sherri Brown**, organ, 5 p.m., Hill Auditorium.

## THURSDAY, MAY 19

**Gifts of Art presents Jazz, Swing & Pop:** Standard Time Band, 12:10-1 p.m., University Hospital Main Lobby, Floor 1. Led by Maggie Waltz on bass, the group performs jazz standards, swing & pop with a fresh, eclectic twist.

## FRIDAY, MAY 20

**Myanmar Forum:** ISEAS-YII in Singapore, 8:30 a.m.-6 p.m., 6 Raffles Boulevard, Marina Square, Singapore 039594, Marina Mandarin Capricorn & Leo Rooms. CSEAS has partnered with ISEAS-Yusof Ishak Institute to organize the forum. U-M faculty will attend. Email [myanmar\\_forum@iseas.edu.sg](mailto:myanmar_forum@iseas.edu.sg) for more information, or go to [bit.ly/MyanmarForum2016](http://bit.ly/MyanmarForum2016).

**"Tarzan,"** presented by Young People's Theater, 7 p.m., Power Center for the Performing Arts. After washing up on the shores of West Africa, an infant boy is taken in and raised by gorillas who name him Tarzan. When a human expedition treks into his tribe's territory and he encounters creatures like himself for the first time, Tarzan finds his animal upbringing clashing with his human instincts.

## SATURDAY, MAY 21

**Vanda coerulea orchids**, presented by Alex Challis, accredited judge, 11 a.m.-noon, Matthaei Botanical Gardens, on this genus also known as blue orchids.

**"American Impressionists in Monet Country,"** 8 p.m., Michigan League, Koessler Room. Rachel Urist's presentation is a theatrical exploration of the artists in Giverny at the turn of the 20th century, a tranquil village nestled between Paris and Rouen. It was home to Claude Monet, his wife, Alice, and their six children. The shimmering air and pastoral landscapes drew painters from near and far. Giverny attracted so many American painters that it became known as "the American colony." A light reception will follow.



COURTESY OF THE MUSEUM OF NATURAL HISTORY

See live butterflies and learn about the life cycle and lifestyles of butterflies at the Butterfly Festival from 10 a.m.-2 p.m. May 14 at the University of Michigan Museum of Natural History. Help with planting in the museum's Butterfly and Pollinator Garden, and make butterfly wings to take home.

## SUNDAY, MAY 22

**Scientist Spotlight**, 1-4 p.m., Ruthven Museums Building, Museum of Natural History. Visit with University of Michigan scientists and participate in activities related to their research, through this Portal to the Public program designed to bring researchers and public audiences together.

**"Manuel Alvarez Bravo: Mexico's Poet of Light"** Guided Tour, 2-3 p.m., U-M Museum of Art. Alvarez Bravo spent nearly his entire career photographing his native Mexico. His style drew upon numerous international influences

including, among others, modernism and surrealism. The photographs in the exhibition, from UMMA's collections, show the artist using motifs drawn from Mexican religious and indigenous works as well as plant forms, in a Modernist approach to image making.

**Ann Arbor Orchid Society Mini-Catts**, 2-5 p.m., Matthaei Botanical Gardens, Peter Lin of Diamond Orchids gives a presentation on the miniature cattleyas past and present. Orchids are for sale as well.

**"Lost in the Woods: Radio Stories about Birth, Death and Nature,"** 3-4:30 p.m., U-M Museum of Art,

Helmut Stern Auditorium. Hear an episode of a sound-rich documentary tale by Stamps School of Art & Design faculty member Stephanie Rowden, among others.

## Exhibits

**"Above Ground: 40 Moments of Transformation"**

is a photography exhibit presented Monday to Friday through July 22 in the Lane Hall Gallery. It highlights the performance art and actions of China's young feminist activists including the Feminist Five who were detained by Chinese police.

**"Alvin Lucier: I am sitting in a room,"** through May 22, Irving Stenn, Jr. Family Gallery. This sound installation by American composer Lucier, first performed in 1969, is re-created as an installation in UMMA's Irving Stenn, Jr. Family Gallery.

**"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.

**"From Christianity to Islam: Egypt between Late Antiquity and the Early Middle Ages,"** 10 a.m.-5 p.m. Monday through Friday through May 4, Harlan Hatcher Graduate Library, Seventh Floor Exhibit Space.

**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. Admission is free.

**Gifts of Art** sponsors art exhibits and music performances at U-M Health System facilities. For more information, go to [med.umich.edu/goa/exhibits.htm](http://med.umich.edu/goa/exhibits.htm).

**"Hidden Worlds: The Universe of Pollen Revealed in Large-scale Ceramic Sculptures,"** 10 a.m.-4 p.m. through May 8, Matthaei Botanical Gardens.

**"In Focus: Henri Cartier-Bresson,"** through May 8, Irving Stenn, Jr. Family Gallery.

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MAY 13 2016

UMMA FRIDAYS AFTER 5

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UNIVERSITY OF MICHIGAN MUSEUM OF ART

Stop in to UMMA to enjoy special exhibitions, music, and engaging activities at Fridays After 5!

With UMMA's galleries remaining open until 8:00 p.m., this exciting series provides an interactive experience for all audiences. On May 13, join **Risa Gotlib**, owner of **Tiny Buddha Yoga**, at 6:00 p.m. for a free yoga class; **free student docent tours** will be held throughout the evening. Park in the Maynard Structure (between Liberty and William) and receive **free, validated parking**. The Museum is always free.

UPCOMING DATES FOR UMMA FRIDAYS AFTER 5 INCLUDE:

JUNE 10 2016	JULY 22 2016
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UMMA Fridays After 5 are generously supported by Comerica Bank and the Community Foundation for Southeast Michigan. The media sponsor for Fridays After 5 is Michigan Radio.

EVENTS

**“In Focus: Jeanne Gang”** is presented May 10-Aug. 7 in the U-M Museum of Art. Known for her integrative approach to materials, technology and ecological context, Chicago-based architect Gang was selected as a MacArthur Fellow in 2011. Shortly thereafter, Gang proposed an ambitious restoration of the Chicago riverfront through a series of small but transformational projects.

**“Leisure and Luxury in the Age of Nero: The Villas of Oplontis near Pompeii”** through May 15 at the Kelsey Museum of Archaeology is an international loan exhibition exploring the lavish lifestyle and economic interests of ancient Rome’s wealthiest and most powerful citizens who vacationed along the Bay of Naples. Julius Caesar, Cicero, Augustus and Nero all owned villas here.

**“Manuel Alvarez Bravo: Mexico’s Poet of Light”** is presented May 14-Oct. 23 in the U-M Museum of Art Photography Gallery. Alvarez Bravo spent nearly his entire career photographing his native Mexico. His style drew upon numerous international influences, ranging from the modernism of Edward Weston and Tina Modotti to the surrealism of Andre Breton.

The **Museum of Natural History** offers educational programs and exhibits for campus and community. Current exhibits include “Extreme Time,” through Aug. 31, exploring happenings in femtoseconds and over eons.

**“New Technologies and Victorian Society: Early British Photographs from the UMMA Collection”** is presented through May 8 in the Photography Gallery, U-M Museum of Art. The year 1839 marked a defining technological advance of the 19th century: the invention of photography in France and England.

**“Siebren Versteeg: LIKE II (2016)”** is presented through July 24 in the U-M Museum of Art Media Gallery. A computer painting program creates a composition using a continuously changing algorithm, and then runs a periodic Google search to find a matching image online. Every 60 seconds, the painting made by the computer is uploaded to Google’s search by image feature. Images that most closely match the composition are then downloaded and displayed.

The **Stearns Collection at the School of Music, Theatre & Dance** is one of six major collections of musical instruments in North America. The 2,500-piece collection



DAVID CRINER

**“Life Painting 15”** is from the exhibit **“Among The Lost & Found: Collage On Panel”** by David Criner, presented through June 12 in the Gifts of Art Gallery, University Hospital Main Corridor, Floor 2. Criner transforms 20th century collage material in pursuit of an image that celebrates the present moment. He teaches at Northeastern Illinois University.

features permanent and occasional displays in the Vesta Mills Gallery and in various exhibition areas throughout the Moore Building.

**“Tappan’s Vision”** at the Bentley Historical Library explores Henry Tappan’s impact on the intellectual life and accomplishments at the university over 150 years.

**“Tell the Story of Your Life In Detroit,”** an online photography exhibit at [tinyurl.com/mmsvulz](http://tinyurl.com/mmsvulz), is sponsored by the Penny W. Stamps School of Art & Design and others.

**“The Many Faces and Figures of the Four Sons in the Passover Haggadah,”** features 29 volumes from the Irwin M. Alterman Haggadah Collection. Acquired by the U-M

Library last year with help from the University of Michigan Frankel Center for Judaic Studies, it includes Haggadahs of various shapes and sizes, ancient and modern, and in different languages. It is presented through July in the Frankel Center Conference Room at 202 S. Thayer St.

**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 beginning in the Victorian era.

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, noon to 5 p.m. Sunday and closed Mondays.

**“Xu Weixin: Monumental Portraits”** is presented at the U-M Museum of Art Taubman Gallery through May 29. Xu is a professor of painting and the former executive dean of the School of Arts, Renmin University, Beijing.

**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.

**Planetarium shows**

**Tickets for all shows at the Museum of Natural History** are \$5. For information on shows and times go to [lsa.umich.edu/umnh](http://lsa.umich.edu/umnh).

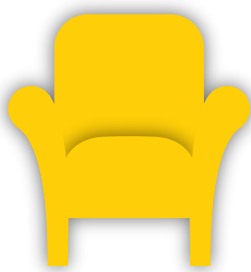
**Workshops/support**

**MHealthy’s Alcohol Management Program** is designed to help people with mild to moderate alcohol problems enjoy life more and drink less or not at all. For more information, call 734-998-2017 or go to [mhealthy.umich.edu/alcohol](http://mhealthy.umich.edu/alcohol).

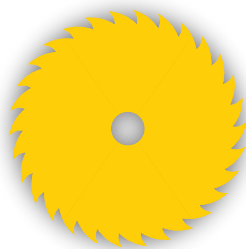
The **Faculty and Staff Assistance Program** presents a Stress Relief for Caregivers Support Group through May at the Administrative Services Building, 1009 Greene St. Call 734-936-8660.

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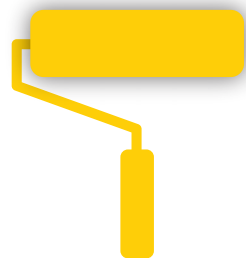
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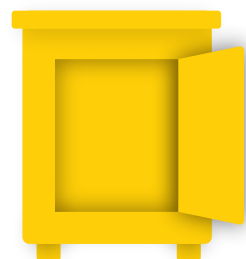
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## STAFF SPOTLIGHT

## LSI contract and grant specialist leads mindful lifestyle

By Iris Jeffries  
The University Record

From his “gentleman’s farm” to his electric car, Todd Brown strives to live a mindful existence.

Eight miles outside of Ann Arbor, Brown resides in a quaint house, seated on 10 acres of farmland. With a heart-shaped pond and fruit trees scattered across the property, Brown spends endless summer hours mowing and maintaining the land, and always taking time to enjoy his hummingbirds.

Over the years, he’s watched his hard work manifest in sunflower and vegetable gardens.

“The only animals on the farm are free roaming deer and bunnies and other wild animals,” says Brown, contract and grant specialist at the Life Sciences Institute. “It’s so incredible to live in the country and yet be so close to downtown Ann Arbor.”

In addition to his peaceful homestead on the edge of Ann Arbor’s constant hustle, Brown drives an environmentally friendly, 100 percent electric car that he charges straight from a wall outlet.

“It definitely needs to fit your lifestyle,” Brown says. “You can’t travel for more than 100 miles at a time. Especially in the winter — that kind of weather really drains your battery.”

Brown’s Nissan Leaf has a monitor that indicates how many miles of driving are left. However, the charging process can take up to a full day. Because of its rapidly exhausted battery, road trips require Brown to rent a car for more long distance travels.

“You’re either renting a car, or you’ve got another regular car on reserve,” Brown says. “I’ve noticed though that the electric car has a lot of zip — you can speed up pretty quickly.”

Brown’s use of the electric car is just another way that he lessens his carbon footprint on campus.



SCOTT C. SODERBERG, MICHIGAN PHOTOGRAPHY

Todd Brown drives an electric car and brings positive energy to his work as contract and grant specialist in the Life Sciences Institute.

### Meet Todd Brown

■ **Title:** Contract and grant specialist, Life Sciences Institute.

■ **At U-M:** 12 years.

■ **On his work:** “Research is such an integral part of our institute and university, and I’m proud to be a significant player.”

“Only five times have I barely made it to my driveway,” Brown jokes.

Throughout his time at U-M, Brown has moved steadily

through the ranks. Since his early days as a temporary worker, Brown has worked as an administrative assistant and financial specialist before moving into contract and grant specialization.

“It was a matter of being driven, ambitious and perhaps lucky — I had a great supervisor who saw my potential and inspired me,” Brown says of his current career in research administration.

Today, Brown dedicates his time to pre- and post-award duties — assisting faculty and students in the development and submission of accurate proposal budgets and compliant proposal materials by interpreting sponsor guidelines,

university policies and federal regulations. Post-award duties include monitoring grant activities to ensure compliance with sponsor guidelines as well as university policy.

“I’m a people person,” Brown says, referring to his work with both students and faculty members to keep them on the right track. “I build strong relationships to foster a positive, happy and friendly environment and provide compliant solutions for faculty and student requests.”

Whether it’s advising applicants and helping them meet deadlines or scoping potential grant sponsors, Brown brings his positive energy to the table and organizes the vast array of administrative duties.

“Grant administration can be a really complex world,” Brown says. “I really appreciate what my faculty are doing and I’m trying to relieve them of the administrative burden that comes from grant management.”

Brown’s contributions to the Ann Arbor community don’t stop on the job. At the non-profit, Conduct Becoming: The Foundation, Brown serves on the board as secretary and also plays a key role in financial management and planning for the organization, as it works to benefit veterans locally and nationally.

He also recently started preparing for the Certified Research Administrator (CRA) exam. As part of a pilot CRA study group, Brown sees much interest throughout campus and knows that the need and want for such a group is greatly received by research administrator peers.

“I’m grateful to be an asset to not only to the LSI, but the university as a whole,” Brown says. “Research is such an integral part of our institute and university, and I’m proud to be a significant player.”

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