Wilson, hired as a student working hat— a unique, brown-colored helmet here.” cross-campus work but for his hard more than 30 years ago. construction projects of all sizes, Mouse as the Sorcerer’s Apprentice. only dreamed of when starting at IPF delivering multi-partner design and hand-painted depiction of Mickey provided opportunities he could have in 2004, a unit of IPF charged with On the front, standing proudly, is a on a Formula 4 car for some friends.” him to give me his hard hat to kind of with the preventative maintenance carry on ... for 12 years, finally landing him Mr. Wizard.”MSU’s own WKAR. The projects have in Planning, Design and Construction tractor in the ‘70s and even wrenched “When my father retired, I leveraged that looks like it has experiences of its / /CAMPUS LIFE NICK SCHRADER WITH PASSED-ON HARD HAT / /DIVERSITY & INCLUSION acrross campus, identify to advance DEI efforts in a accountability for results.sible for Isaacson Miller will be ... The new vice president nounced soon.Near the end of last semes- existing gaps and establish change, promotes MSU’s STAFF inventory existing DEI efforts and work collaboratively efforts and lead a culture of be respon- by executive search firm Hispanic Council, will help will report directly to him share best practices, align vidual will national search supported to fill newly created dent Services, and Cynthia and chief diversity officer. Stanley said. associate deans for DEI and administrative areas of MSU. Nationwide search to fill newly created vice president role INSI DESMU STAFF / /DIVERSITY & INCLUSION Near the end of last semes- President Samuel L. Stanley Jr., M.D., launched a comprehensive planning process around diversity, equity and inclusion. A 28-member steering com- mittee led by Luis Garcia, director of Migrant Stu- dent Services, and Cynthia Jackson-Elmoore, dean of the Honors College, will help inventory existing DEI efforts across campus, identify potential synergies, pinpoint existing gaps and establish a plan for making diversity a national leader in this area. To ensure successful implementation and long-term success, Stanley will be recommending to the Board of Trustees to create the position of vice president and chief diversity officer. The senior-level position will report directly to him and work collaboratively to advance DEI efforts in a sustainable way that fosters change, promotes MSU’s core values and transforms the university’s culture. “MSU is committed to cre- ating a culture of diversity, equity and inclusion, and this position is essential to the critical work ahead,” Stanley said. This indi- vidual will be respon- sible for leading the implemen- tation of the university’s DEI strategic plan. Unit-based DEI offices, programs and staff will maintain current reporting relationships, but the CDO will be charged with convening stake- holders including college associate deans for DEI and other level leaders to share best practices, align efforts and lead a culture of accountability for results. The new vice president will develop, nurture and strengthen an inclusive, equitable, safe and culturally responsive and supportive environment for all. The CDO will be empowered and expected to reach and work across DEI efforts encom- passing both academic and administrative areas of MSU. A committee to conduct a national search supported by executive search firm Isaacson Miller will be an- nounced soon.Paulette Granberry Russell, senior advisor and director of the Office for Inclusion and Intercultural Initiatives, recently announced she is transitioning from her position. CARRYING HIS FATHER’S LEGACY NICK SCHRADER //CAMPUS LIFE “In a lot of ways, he and I were the same guy,” Todd Wilson said affectionately. “My dad is responsible for making me a gearhead. We restored a lot of cars, pulled with a modified tractor in the ‘70s and even wrenched on a Formula 4 car for some friends.” Wilson, an IPF project manager, manages more than 10 active projects, including the addition to the College of Music and renovations in Wells Hall. He even built the broadcast tower for MSU’s own WKAR. The projects have provided opportunities he could have only dreamed of when starting at IPF more than 30 years ago. “I’ve worked at IPF for 31 years,” Wilson said with a grin. “I first hired as in a student in 1989. I feel like I’ve probably seen everything at least once here.” Wilson, hired as a student working with the preventative maintenance crew at the time, gained experience by offering himself up for every job experience he could. In the 1990s he transferred to Central Control, where he worked for 12 years, finally landing in Planning, Design and Construction in 2004, a unit of IPF charged with delivering multi-partner design and construction projects of all sizes, including the ongoing STEM Building project and the recently constructed ISTB Building. Wilson is well known not just for his cross-campus work but for his hard hat — a unique, brown-colored helmet with numerous stickers, cuts and dings that looks like it has experiences of its own to share. Held in the crook of his arm, Wilson described how he came to have the hard hat. Wilson spoke of his father like a super- hero — endearing and honest. “When my father retired, I leveraged him to give me his hard hat to kind of carry on the legacy,” he said as he ran his hands across it. “My father was a Mickey Mouse aficionado. He collected a lot of Mickey stuff and because of his unique skill set, his friends all called him Mr. Wizard.” On the front, standing proudly, is a hand-painted depiction of Mickey Mouse as the Sorcerer’s Apprentice. With a comical tone, Wilson explained how wizard Mickey Mouse was a gift from his father’s friends. “His partner stole his hard hat on a "slavery to Freedom" bringing 3 speakers to campus in Feb. SARINA GLEASON //DIVERSITY AND INCLUSION For 20 years, the William G. Anderson Lecture Se- ries, “Slavery to Freedom: An American Odyssey,” has featured icons of the American civil rights movement and inspiration- al leaders from across the country dedicated to social activism and racial equality. Continuing this legacy, the College of Osteopathic Medicine will again present three nationally recognized speakers in February. Kevin Murrell, senior pastor of Cascade United Meth- odist Church in Atlanta, Georgia, kicks off the series at 5 p.m. on Feb. 6 at the Kellogg Hotel and Confer- ence Center auditorium. He is the author of Breaking the Color Barrier: A Vision for Church Growth through Racial Reconcil- iation, an assistant professor of theology at Emory University and a social activist focused on translating methods from the civil rights movement into mod- ern-day strategies. At 5 p.m. on Feb. 20, White House correspondent and CNN political analyst April Ryan will speak at Whorton Center’s Pasant Theatre. Ryan is the author of INSIDE MSU PUBLISHES FINAL PRINT EDITION After seeking input from across campus and conducting research with our readers, this will be the final edition of the printed version of InsideMSU. Information key to employees will be regularly updated through the weekly InsideMSU e-newsletter and the website that is regularly updated at msu.edu/insidemsu. Our team welcomes feedback and suggested content at insidemsu@msu.edu. Thank you. INSIDE MSU NEWS FOR FACULTY AND STAFF JAN. 27, 2020 / Vol. 2 Issue 10 INVESTIGATIVE SET FOR APRIL 23 | 2 PROF STUDIES AIR QUALITY | 3 CHECK OUT CAMPUS EVENTS | 3 ONLINE GRAD PROGRAMS RANK HIGH | 1 NEWS BRIEFS FEDERAL REVIEWS PROGRESS UPDATE The webpage tracking MSU’s progress on requirements outlined in federal reviews has been updated for the month of January. go.msu.edu/2ZP STUDENT INFORMATION SYSTEM UPDATE Project leaders pause implementation; summer, fall and spring annual enrollment will be completed in legacy SIS. go.msu.edu/6HP >> SERIES see pg. 2 >> LEGACY see pg. 2 >> IN THIS ISSUE
STANLEY’S INVESTITURE PLANNED FOR APRIL 23

The Michigan State University Board of Trustees announced that the investiture ceremony for President Samuel L. Stanley Jr., M.D., will take place at 3 p.m. April 23 in the Clifton and Dolores Wharton Center for Performing Arts.

President Stanley became MSU’s 23rd president on Aug. 1, 2019.

“The investiture of President Stanley will reflect the traditions so deeply held by Spartans,” MSU Board Chairperson Dianne Byrum said. “The ceremony also will allow us to celebrate our new traditions, emphasizing our commitment to inclusive- ness, innovation, discovery and accountability.”

A presidential investiture is among the oldest traditions in higher education, typically held during a new president’s first year in office.

The academic ceremony, symbolizing the pursuit of knowledge, is used by universities across the world both to celebrate and to formally acknowledge entrance into a new era.

The investiture ceremony will be open to all students, faculty, staff, alumni, donors, friends and members of the College of Osteopathic Medicine. A reception at the Wharton Center will immediately follow the ceremony.

RARE RHINO BORN WITH ASSIST FROM MSU VETS

Christmas Eve 2019 brought a special gift to the world when a rare baby black rhino was born at Lansing’s Potter Park Zoo. The baby calf — a boy named Jaali, pronounced “Jolly” — stood within the first few hours of being born and has since stayed close beside his mom in a protected pen at the zoo.

“Collaborating with Potter Park Zoo is a wonderful educational experience, not only for our veterinarians, but also for our veterinary medical students,” said Julie Strachota, clinical instructor for MSU’s Department of Large Animal Clinical Sciences. “I never would have expected that I would be doing transrectal and transabdominal ultrasounds on a black rhino.”

The veterinarians and zokeepers monitored Doppsee and her fetus weekly, providing opportunities for MSU’s veterinary medical students to observe physical exams, blood draws and ultrasound skills. Most importantly, they ensured that she and her baby were kept safe, happy and healthy.

Ronan Eustace, adjunct professor at MSU’s School of Animal Science and director of animal health at Potter Park Zoo, monitored veterinary students during summer sessions and oversaw the regular visits.

“During one of our ultra- sound examinations, one of our providers reported that it was the ‘best day of veterinary school’,” Eustace said.

Critical conservation effort

While important to the preg- nancy, the ultrasounds and blood tests on Doppsee provided more than imaging of her baby. Black rhinoceroses are critically endangered, with only 5,000 remaining in the wild and 60 in protected environments.

Doppsee carries valuable genetics in the captive population of eastern black rhinos. The more genetics spread, the greater the chance there is of preserving the global population.

With the help of Monica Stoops, lead scientist of Omaha’s Henry Doorly Zoo and Aquarium, zokeepers and veterinary staff were able to develop an un- typical protocol of Doppsee’s hormone levels, estrus cycle and behavior. Doppsee, and the valuable data gathered about her cycle and pregnancy, contributed to several research studies. These studies will provide valuable information on black rhino reproduction — information that cannot be obtained in the wild.

“If we can maximize repro- ducive success in these captive populations, then they may become sustain- able — and that’s the goal,” Eustace said.

>> NEWS BRIEFS

TEAMSTUESDAYEMPLOYEEWEBINARNOWCOVERSALLOFSPARTAN365SITE

The MSU IT Teams Tuesday webinar for faculty and staff will become the Spartan 365 Power Hour to more broadly cover the many applications in the Spartan 365 family of products.

Over the coming year, the webinars will cover topics on Find Time, Bookings, OneDrive, SharePoint, Power Automate, Forms and more. Faculty and staff who are already members of Teams Tuesday will automatically be added to the Spartan 365 Power Hour Team. Employees who wish to join the team can visit go.msu.edu/ITP to sign up.

NURSING PROF HONORED BY SEVERAL GROUPS FOR CONTRIBUTIONS TO FIELD

Gwen Wyatt has received the Distinguished Research Award from the Oncology Nursing Society and the 2020 Distinguished Contribution Award from the Midwest Nursing Research Society. In addition, she will be named a fellow in the American Psychosocial Oncology Society in March.

The ONS award recognizes the contributions of a member who conducts or promotes research that enhances the science and practice of nursing, while the MNRS honors a member who has conducted or promoted research that has enhanced the science and practice of nursing in the Midwest.

SCHOOL OF PACKAGING NAMES DIRECTOR

Matthew Daum has been named director of the School of Packaging in the College of Agriculture and Natural Resources, effective Jan. 1. For the past 25 years, Daum has worked at HP Inc. (formerly Hewlett-Packard) in Boise. Since 2016, Daum has been HP’s director of engineering for the LaserJet supplies business. He was responsible for new product research and development, current product engineering, supplies security strategy and product/package serialization strategy and implementation. Since July 2019, he also held the position of product marketing director for the LaserJet supplies business.

MSU LIBRARIAN SELECTED AS EMERGING LEADER BY NATIONAL ASSOCIATION

Librarian Jamie McLaughlin has been selected as a 2019-20 Emerging Leader by the Association for Library Collections and Technical Services. Each year, the association sponsors one emerging leader who has chosen collections and technical services as a career. Dean of Libraries Joseph Salem said the selection and associated sponsorship bring national recognition of McLaughlin’s commitment to library service and will create opportunities for growth that will serve not just McLaughlin and the MSU Libraries but other librarians as well.

CAROLINE BROOKS //COMMUNITY OUTREACH

Christmas Eve 2019 brought a special gift to the world when a rare baby black rhino was born at Lansing’s Potter Park Zoo. The baby calf — a boy named Jaali, pronounced “Jolly” — stood within the first few hours of being born and has since stayed close beside his mom in a protected pen at the zoo.

It reminds me who I am, "Those are my dad's ini- tials," he said. "That's the way he used to sign them. It reminds me who I am, and where I come from." Wilson originally named it for him in 2012, and it helps me feel like he's with me."

Flipping the hard hat over, right side up, Wilson points at two letters hand painted on the brown TW — the initials it now carries are those of Todd Wilson.
MOBILE UNIT HELPS MSU RESEARCHERS STUDY AIR QUALITY

Latest project focused on mines in Navajo Nation

AMY BYLE
//RESEARCH

What you can’t see can kill you — or at least can make you really sick — including extremely small-diam-eter particles in the air we breathe.

Jack Harkema, University Distinguished Professor of Pathology and Toxicology in the College of Veterinary Medicine, has been studying these tiny particles for his entire career. His research focuses on how chronic respiratory, cardiovascular, autoimmune and metabolic diseases affect an individ-ual’s susceptibility to the adverse health effects of particulate air pollutants that are emitted into the air.

“I’m really interested in the concept of ‘one health,’” looking at how we can best maintain and improve the health of humans, animals and the environment,” Har-kema said.

In 1998, Harkema designed and built a semi-trailer converted into a biomedical laboratory. More recently, a second similarly designed mobile lab was built (AirCARE2) because of the increased demand for research on the health effects of particulate air pollution.

The labs contain air particle concentrators that draw high volumes of outdoor air by using high-powered vacuum pumps and filtering and concentrating the very fine airborne particles, 2.5 microns and smaller. These concentrated atmospheric particles are studied to determine their potential impact on human and ani-mal health.

Over the past couple of decades, the AirCARE labs have assisted research all over the country. In 2016, a fellow toxicologist from the University of New Mexico, Matthew Campen, approached Harkema about the possibility of using the AirCARE lab in Navajo Na-tion communities in Arizona and New Mexico to assess airborne exposure to mining dust from S23 abandoned and exposed uranium mines.

Many Navajo Nation communities are in close proximity to some of these mines, and while important foundational research in the area has looked at contam-ination of water, little research has focused on airborne contamination.

“There is a lot of cardiovascular disease in the Navajo Nation, as well as a lot of metabolic disease, like diabetes. And these chronic diseases can potentially be exacerbated by this unique particle exposure,” said Har-kema. “We just don’t know enough about toxicity of airborne mining dust waste.”

After receiving a National Institutes of Health grant, Harkema’s team shipped AirCARE out to the Navajo Nation’s Blue-Gap-Taches Chapter in northern Arizona.

“It’s really about the collabora-tion — building teams of highly skilled, multifaceted investigators who can work together — so we have the right mix of scientific exper-tise to conduct meaningful research,” said Harkema.

“And I really think we’re doing studies that are very relevant and transferrable for protecting the health of both large and small communities throughout the county, and that, in itself, is very rewarding.”

Professor Tapped for Mobility Challenge

A faculty member from the College of Communica-tions Arts and Sciences is part of a team selected to receive a $1.177 million grant to compete in the NAIA 2020 Michigan Mobility Challenge.

A first-of-its-kind autonomous vehicle demonstra-tion, the Michigan Mobility Challenge will tap the state’s leading mobility experts to develop technolo-gies to shuttle passengers through Detroit during the 2020 North American International Auto Show, or NAIAS.

Sheila Cotten, professor in the Department of Media and Information, will represent MSU and lend her expertise in sociomobility along with a research back-ground, that includes work on autonomous vehicles and the impacts technolo-gy has on society.

The challenge follows Gov. Gretchen Whitmer’s announcment of five highly automated vehicle providers for the downtown Detroit circuit, which will offer unique in-vehicle experiences during NAIAS in June 2020. MSU is part of the team led by Dataspeed — a provider of complete autonomous research and development vehicle integrations and technology — which also includes AM General, Com-et Mobility and Easterseals.

Dataspeed’s team will provide an accessible, automated shuttle service to navigate Detroit metr-ocity streets, as well as roadway-speed traffic.
SMALLER CLASS SIZES NOT ALWAYS BETTER FOR STUDENTS, SAYS STUDY

Researchers have found that smaller class sizes are not always associated with better pupil performance and achievement. “This finding is perhaps due to the fact that class size effects are more likely to be detected in countries with limited school resources where teacher quality is lower on average,” said study researcher Spyros Konstantopolous from Michigan State University.

The precise effect of smaller class sizes can vary between countries, academic subjects, years and other factors likely playing a role, according to the study published in the journal Research Papers in Education.

BABY BOOMERS ARE MORE ‘HYPERSENSITIVE’ THAN MILLENNIALS, NEW RESEARCH ON NARCISSISM SUGGESTS

Contrary to what we’ve been led to believe, baby boomers could actually be more sensitive than millennials, new research on narcissism has suggested. The study, published in the journal Psychology and Aging, analyzed how narcissistic behavior changes over time and by generation. Researchers from Michigan State University surveyed a sample of nearly 750 people and by generation. Researchers from Michigan State University surveyed a sample of nearly 750 people and by generation, or generation. Researchers from Michigan State University surveyed a sample of nearly 750 people and by generation.

The findings revealed that while, generally speaking, older, later-born participants tended to be lower in narcissism, new research on narcissism has suggested. The study, published in the journal Psychology and Aging, analyzed how narcissistic behavior changes over time and by generation. Researchers from Michigan State University surveyed a sample of nearly 750 people and by generation, researchers from Michigan State University surveyed a sample of nearly 750 people and by generation.

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MSCU IN THE NEWS

MSU IN THE NEWS

MSU is worth $31 billion to greater Lansing’s economy. Here’s how it generates that value:

Michigan State University educates some 50,000 students and employs 12,000 faculty and staff. But its economic impact on Greater Lansing? That’s in the billions. Specifically, the university’s annual economic impact on the region is $3.1 billion, according to an Anderson Economic Group study released in 2017. That amount breaks down to approximately $2.9 billion in Ingham County, $185 million in Clinton County, $71 million in Eaton County and $24 million in Shiawassee County.

LANSING STATE JOURNAL

go.msu.edu/2Qp

ONLINE GRADUATE PROGRAMS EARN HIGH NATIONAL RANKING

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