

Spartan



MICHIGAN STATE UNIVERSITY

ALUMNI MAGAZINE

WINTER 2021

Thousands of Paths

*How Spartans, like Iwan Syahril, Ph.D.,
find their passion and thrive*

A FORCE FOR
EDUCATION

INVENTING NEW
TOMORROWS

SPARTAN
PROFILES



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WINTER 2021

40 Thousands of Paths

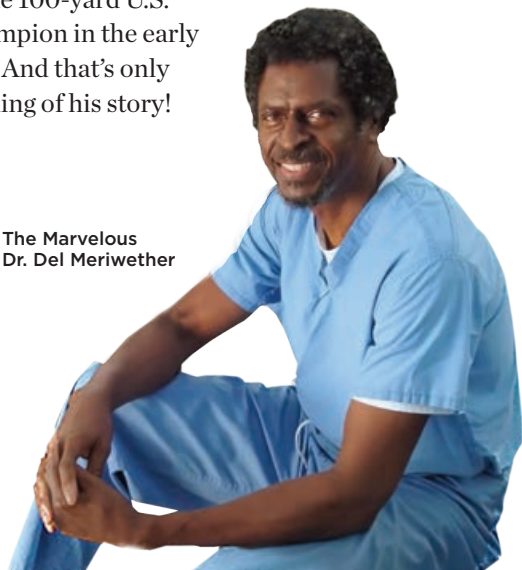


How Spartans leverage their MSU education, find their passion and thrive

22 Spartan Profiles

Read about some wonderful Spartans who exemplify the Spartan Spirit...like the Spartan who came to MSU to become a veterinarian, became the first Black American to enroll in the Duke School of Human Medicine and was the 100-yard U.S. sprint champion in the early seventies. And that's only the beginning of his story!

The Marvelous
Dr. Del Meriwether



30 Inventing New Tomorrows

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ABOUT THE COVER: Iwan Syahril aims to transform one of the largest education systems in the world:
Photo by Muhammad Fadli, Jakarta

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“As we enter the third decade of the 21st century, we are challenged to perform at the accelerated speed of society’s most urgent needs and most hopeful expectations.

Dear Spartans...

The calendar has turned and spring semester is underway, again with classes held mostly online and only a portion of the students who would normally be on campus currently living here.

It was a challenging 2020, and I can’t give enough credit to the students, faculty and staff whose resilience has allowed the university to maintain forward momentum through the year. Likewise, our devoted alumni have continued to show support for MSU with financial gifts, as advisers and mentors and in many other ways as the year unfolded.

Our broad and diverse MSU community has put its collective shoulder behind high-priority initiatives, including our strategic planning process; a thorough diversity, equity and inclusion assessment; our relationship violence and sexual misconduct prevention and response planning; a multicultural center feasibility study; and searches to fill key leadership posts. All these and more have moved steadily ahead and position MSU for continued achievement for years to come in our scholarship, research, instruction, outreach and service.

Something else that has continued without pause is our

focus on innovation, as you’ll read about in the pages ahead. From the beginning, Michigan State was an educational experiment that quickly became a model for the nation’s land-grant colleges, opening access to opportunities to everyday people in a period of rapid growth and change.

Today, we’re proud of the research, development and creative endeavors being pursued across the university and how we’re working to transfer and translate the fruits of that work into outcomes for our many stakeholders. Our entrepreneurship education program is ranked among the top 15 in the nation by the Princeton Review, and our fast-growing minor in entrepreneurship and innovation spans the university with more than 700 students enrolled.

As we enter the third decade of the 21st century, we are challenged to perform at the accelerated speed of society’s most urgent needs and most hopeful expectations. Our awareness and engagement, imagination and innovation, and knowledge and discovery all matter more than ever—and all are part of what makes us Spartans. Go Green!

A handwritten signature in black ink, reading "S. L. Stanley Jr." in a cursive style.

Samuel L. Stanley Jr., M.D.

PRESIDENT, MSU

COZY SPARTAN *gear*



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Fall 2020 Spartan magazine content is available online at: go.msu.edu/fall-2020

reframe and create a new normal. We find that we are not alone; we are in this together. Our founders had this in mind when they established what is now Michigan State University.

After all, stepping up to challenges and positioning education as an asset for great change in the world is built right into the Spartan DNA—our Spartan Will that often drives us to tackle society's unmet needs. The winter 2021 issue looks at our mission as well as the Spartan drive to find solutions and the courage to follow one's passion.

I hope you enjoy reading about the greatest contributions of our faculty innovators and the inspiring Spartan alumni who follow their hearts, and at times an unconventional path, to make a difference in the world.

Stephanie Motschenbacher, '85, '92
EXECUTIVE EDITOR, SPARTAN MAGAZINE

INTERESTING & INSPIRING

I had to write and tell you how much I enjoyed the fall issue. I read every word. I have never felt so proud to be an MSU graduate and academic specialist. The alumni and faculty profiles were so interesting and inspiring. And I loved the side notes on little known facts. And I never realized the extent

GAME CHANGERS

I do a lot of my best thinking just by writing, and I've thought deeply about the pandemic and how it is impacting Spartans—our alumni, students, faculty and staff. A key question being asked by many leaders here at MSU and at other organizations is how the pandemic can serve as a driver of change.

When we decide to come together to solve problems, we find that we are more creative and find new ways to

of MSU's high rankings nationally and in the world.

But my favorite thing was from the article about the vet in Alaska who named her Montessori-styled dog school Muttessori.

Well done!!

Frana Potter, '64, '79
BATH, MI

Spartan

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LETTERS

LOVE THE FALL ISSUE

I wish to commend you, and your staff, on the fall M.S.U. Alumni Magazine. It is the finest issue in the 55 years that I have been receiving it....in my humble opinion.

Keep up the great work. I look forward to meeting up with fellow Spartans when our world gets back to normal.

Go Green!

Donald Payne, '63, '65
FARMINGTON HILLS, MI

RECOGNIZING SPARTAN TEACHERS

I am a proud Alumni of MSU and a Spartan for life.

In August of 2020, I returned to the classroom and ventured into my 17th year in education as a state ranked level five teacher who will be on the frontlines educating in-person and virtually during a global pandemic.

I would like to make a small request of the MSU Alumni (Office); please consider focusing on educators and public servants in your next MSU Alumni magazine issue.

We are the real leaders.

I would like to stand with my MSU peers and honor those who keep serving the community despite our current historical challenges.

We are Spartans. We are Spartan strong.

Thank you!

Kelly Susanne Geer, '91
MEMPHIS, TN

CONFRONTING RACIAL BIASES

As a current medical student, I felt compelled to write an open letter to the Spartan community regarding racial inequality and police brutality.

First, I see MSU as one of the most culturally and racially diverse areas in Michigan—it is one of the reasons why I choose to study at Michigan State.

After months of protests and stories of innocent African Americans being lynched, it's harder to not lie awake at night, afraid that you might lose a friend because of racism. Safe at home we watched the news reports about what happened to George Floyd, Ahmaud Arbery, Breonna Taylor, Tamir Rice, Elijah McClain and Philando Castile. Imagine what you might feel if that happened to your best friend, your favorite teacher, your family.

If the last few months have made anything obvious, it's that people who are Caucasian can no longer be silent. A great place to start is by confronting your own racial biases and finding ways to overcome them.

Taylor Casey, '22
College of Osteopathic Medicine student
EAST LANSING, MI

BENDING TOWARD JUSTICE

On July 9, I was a guest on MSU Facebook Live program, Go Green, Go Live. The subject was a conversation with MSU Today producer, Russ White, about being 'Black in America.' On July 16 this interview ran on WKAR-FM, the MSU 50,000 watt radio station. WKAR is where Tanya, my wife and fellow Spartan, started her broadcast career when we were both students. On July 22 I submitted an essay titled 'An American Reckoning on Race' to be published in the University of Colorado 'Coloradan' magazine. This essay and my audio recording of this essay were published in November 2020. From 'Black in America' to 'An American Reckoning on Race' the long arc of history is bending toward justice.

Philip S. Hart, Ph.D., '70, '74
LOS ANGELES, CA



MSU ALUMNI LIVESTREAM

To watch the Go Green, Go Live! Program featuring Phil Hart, visit us on Facebook at:

GO.MSU.EDU/HART

CONNECTED TO BEAL

Thanks for the article by Dan Smith on William Beal. My grandfather, Huber Shull, graduated M.A.C in 1906, with a B.S. in agriculture. I'm sure he must have had a class or two with Professor Beal. Whenever I return to East Lansing, I visit the botanical gardens, and try to imagine what the campus was like when my grandfather was there.

Roger Shull, '62
VOLENTE, TX

BEAL FAMILY

Many thanks for the articles about William James (WJ) Beal. My husband, Allen Beal, also a MSU alum (1963), is a distant cousin of WJ, whose father was the brother of Allen's 2nd great-grandfather. WJ Beal also loved researching family history and, as a genealogist, I'm indebted to him for some wonderful Beal family stories. Many members of our Beal family are MSU grads and proud to be linked by heritage to WJ Beal and the beautiful Beal Botanical Garden. Thanks again! Go green!

Julie Beal, '63
ARIVACA, ARIZONA



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"I CHOSE TO ATTEND
MSU BECAUSE IT WAS
SOMETHING COMPLETELY
NEW FOR ME."
- VALERIE LERMA, '23



KATRINA MASHACK, '09, STEPPED UP ON GIVE GREEN DAY TO HELP STUDENTS LIKE VALERIE LERMA, '23, ATTEND MSU.

A VERY **GREEN** CARE PACKAGE FROM **HOME**

Katrina Mashack, '09, a marketing professional and officer of the Phoenix, Arizona, Spartan alumni club, was one of the more than 4,000 Spartans who made a #GiveGreenDay gift to support MSU students last year.

Her gift supported the AZ Spartans Scholarship fund, which was established to encourage more local students to explore MSU's educational opportunities.

Sophomore Valerie Lerma can attest that receiving the scholarship did exactly that. The Glendale, Arizona, native says she chose Michigan State to get out of her comfort zone and she was thrilled to find out Arizona Spartans had her back.

"I love the beautiful campus, and I have met so many people from so many different backgrounds, who have taught me more than I could ever imagine."

Mark your calendars and make sure you visit givingday.msu.edu on March 16, 2021.

THREE WAYS TO MAKE A GIFT

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MAIL: University Advancement
Spartan Way
535 Chestnut Road, Room 300
East Lansing, MI 48824



GIVINGDAY.MSU.EDU | TAKING PLACE MARCH 16, 2021.

Beneath^{the} Pines

News & Views from MSU

A man in a red plaid shirt and a grey beard mask is working on wooden components of a pipe organ in a workshop. He is using a tool to work on a piece of wood. In the background, another man in a dark shirt and red mask is visible, and there are various wooden parts and tools scattered around.

Getting Organized

The original pipe organ in the MSU Alumni Chapel is being replaced with a beautiful, world-class and versatile instrument. Warping over time had rendered it silent. Private gifts are funding the new organ built by Letourneau Pipe Organs, the College of Music and Residential and Hospitality Services. With the new organ installed, MSU continues to raise funds to support the restoration project.

Learn more: go.msu.edu/chapel

“The laboratory has proven invaluable to the state of Michigan when we have faced threats to animal health. Now, we can provide support as we face perhaps the greatest human health threat of our lifetimes.”



Vet Lab Processing Up to 1,000 COVID-19 Tests Daily

With the capacity to analyze 1,000 human tests daily, the MSU Veterinary Diagnostic Laboratory is an important component in MSU's COVID-19 Early Detection Program.

Uniquely positioned to step in and support COVID-19 testing requirements, the VDL established new procedures with the help of leaders at Olin Student Health Center and MSU's Biomedical Laboratory Diagnostics program.

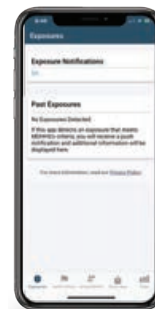
“The laboratory has proven invaluable to the state of Michigan when we have faced threats to animal health. Now, we can provide support as we face perhaps the greatest human health threat of our lifetimes,” said VDL's Interim Director James Averill. “We're here and we're ready.”

VDL is currently processing COVID-19 tests collected at campus buildings with results available to MSU Health Care in 24 hours.

MORE ON
WEB

Learn more:
go.msu.edu/vet-lab

MSU PILOTS NEW APP IN FIGHT AGAINST COVID



MSU has a new tool in the fight against the spread of COVID-19. The MI COVID Alert app can notify users if they have recently been in close contact with

someone who has tested positive for the virus.

The app is the result of a partnership between MSU, the Michigan Department of Health and Human Services and the Ingham County Health Department. The app is free to download on Android and iOS devices.

Thanks to high adoption during the pilot at MSU, MDHHS recently expanded the program to the entire state.

MI COVID Alert uses Bluetooth technology to detect nearby phones that are also running the app. When a person tests positive for COVID-19 in the state of Michigan, they receive a pin number from the health department that allows them to send an anonymous push notification to alert others who they have had contact with and are using the app.

MORE ON
WEB

Learn more:
go.msu.edu/mi-app

97,000

Number of face coverings distributed to the MSU community since March 2020.

Improving Risk Assessment of Infectious Diseases

MSU's Department of Biosystems and Agricultural Engineering (BAE) is leading a project to increase knowledge and availability of quantitative microbial risk assessment (QMRA) models among professionals in biomedical science, microbiology, public health and engineering backgrounds.

In comparison with other approaches like epidemiology, QMRA models show where pathogens are and how to avoid contact with them. They also help us determine what controls, like engineering technology or policy changes, can be implemented so people don't get sick," said project co-director Jade Mitchell.

The new project, funded by the National Institutes of Health, will focus on mentoring, developing online coursework and cyberinfrastructure, and training faculty who have been keenly interested in QMRA.

Since the COVID-19 outbreak, Mitchell has seen a growing and immediate need for people to assess risk in many different environments.

Jade Mitchell,
Associate Professor,
Biosystems and Agricultural Engineering



FACULTY VOICE

"Food insecurities can emerge at different points along the supply chain and we have to be ready to respond at each stage. With COVID-19, the issue wasn't the absence of food in the supply chain; it was a baffling simultaneous combination: the disconnect between supply and demand led to a lot of food waste at certain points, and massive food insecurities in others. Let's set an example for the upcoming generation of supply chain professionals about the expanded value we offer — making social welfare a focal point in their education, work and lives."

- Yemisi Bolumole

Associate Professor

Supply Chain Management,
Broad College of Business

MORE ON
WEB

Learn more:
go.msu.edu/food-supply



71,580

Number of MSU
donors in 2020

Terms Begin for New Members to MSU Board of Trustees

On January 13, the Board of Trustees welcomed two new members to its team. Rema Vassar and Pat O'Keefe joined after winning races in the November 2020 election. Each will serve an eight-year term.



REMA VASSAR

Rema Vassar is a former K-12 public school teacher, counselor, administrator and parent organizer with over two decades of experience. With a focus on developing transformative servant leaders, Vassar has been an assistant professor of Leadership and Counseling at Eastern Michigan University since 2016. She offers a renewed perspective on making the university more accessible and is committed to accountability and affordability. Her husband is an alumnus and her daughter is currently a sophomore at MSU.

- ▶ Parent of Current MSU Student
- ▶ Bachelor's, Western Michigan University
- ▶ Doctorate, University of California, Los Angeles

Pat O'Keefe is an MSU alumnus and founder and CEO of O'Keefe, a strategic and financial consulting firm. For over 30 years, O'Keefe has been active as a financial consultant and turnaround adviser to under-performing businesses in various industries including retail, hospitality, restaurants, construction, automotive, manufacturing and real estate. He is committed to better oversight and making MSU a safer campus. In addition, his priorities include college affordability and freedom of speech on campus. O'Keefe has volunteered for advisory boards in higher education with Oakland University, University of Detroit Mercy and Cleary University.



PAT O'KEEFE

- ▶ Bachelor's, MSU Broad College of Business, '76
- ▶ MBA, Wayne State University

COLLABORATION BRINGS NEW PERRIGO NORTH AMERICAN CORPORATE HEAD-QUARTERS TO GRAND RAPIDS

Global self-care provider, Perrigo Company plc, will establish its new North American Corporate Headquarters in an office that will be constructed within Michigan State University's Grand Rapids Innovation Park.

The 63,550 square-foot office space will primarily house corporate and functional leadership and certain administrative roles, and will feature adaptable workspace to promote collaboration opportunities.

"We are excited that Perrigo will be a major tenant in the MSU Grand Rapids Innovation Park," said Norman J. Beauchamp Jr., MD, MHS, Michigan State University executive vice president for health sciences.

West Michigan's life science and medical device industries are growing at a considerable rate of 18.5%, outpacing the national average by more than double its growth rate of 9%.

"The focus of the innovation park is to bring industry together with academic research and clinical care along the Medical Mile in order to transform health care together," said Beauchamp. "We are looking forward to significant opportunities to collaborate with Perrigo on efforts to improve access to and affordability of health care."

In addition to a capital investment of \$44.7 million over the 15-year period of the lease, the expansion will bring more than 170 new jobs to the area.



VISIT CAMPUS VIRTUALLY

Get your dose of campus trivia with a new virtual campus tour. While the experience is geared toward potential Spartans, alumni will enjoy it just as much, with refreshing videos and facts accompanying highlights like Beaumont Tower, the Spartan Statue and more!

virtualtour.msu.edu



The Next Leader of Diversity, Equity & Inclusion is Named

Jabbar R. Bennett, Ph.D., joined MSU as vice president and chief diversity officer on December 1, 2020.

Following a national search, MSU President Samuel L. Stanley Jr., M.D., named Jabbar R. Bennett, Ph.D., as the university's vice president and chief diversity officer. Bennett most recently served as Northwestern University's inaugural associate provost for diversity and inclusion and chief diversity officer.

As vice president and chief diversity officer, Bennett reports directly to Stanley. He'll collaborate with other university senior executives, deans, faculty, staff, students and alumni to develop and implement a comprehensive diversity, equity and inclusion plan.

"This is an incredible opportunity to help advance inclusion efforts at MSU during this critical time in the history of the institution and our nation," Bennett said. "There is a rich legacy here founded in the ideal that higher education should be accessible to everyone regardless of race, ethnicity, sex, gender identity or expression, religion and other identities. I look forward to working with this community to address unique challenges, find common understandings and leverage collective efforts to nurture a culture of inclusive excellence at the university."

MORE ON
WEB

Listen to the podcast:
go.msu.edu/bennett

NEW DOORS HONOR HISTORY

Since its opening in 1940, MSU's Auditorium doors have welcomed such dignitaries as Eleanor Roosevelt and Martin Luther King Jr., and some of music's greats—Bob Dylan, James Brown, Bruce Springsteen, Miles Davis, The Beastie Boys, Prince and more recently Panic at the Disco, Drake and John Legend. And along with them, hundreds of thousands of audience members and visitors.

After 80 years of wear, tear and unforgiving weather taking their toll on the grand entryways to the MSU Auditorium and Fairchild Theater, replacement became necessary. Thanks to talented craftspeople like Steven Rondeau, an MSU carpenter, and Pam Hebel, an MSU painter, all 18 doors were recreated with an extreme attention to detail.



Steve Rondeau, IPF carpenter II, was assigned the task of recreating all 18 of the doors that adorn the east and west facades of the facilities.



During construction, the doors traveled between Rondeau in the IPF Carpentry Shop and painter Pam Hebel in the IPF Paint Shop.

192

Number of unique wood pieces in each of the new auditorium doors



Big Win Brings Paul Bunyan Home

Spartan nation celebrated Michigan State's 27-24 upset over No. 13 Michigan in October, bringing home the coveted Paul Bunyan trophy and marking Mel Tucker's first win over our in-state rival. It was also the latest reminder for football fans that the 2020 season was anything but predictable. The four-foot tall wooden statue of Paul Bunyan, or the Governor of Michigan Trophy, has been presented to the winner of the MSU versus U-M football game since 1953.

AS FOR THE OTHER RIVALRY TROPHIES...

OLD BRASS SPITTOON

This trophy was purchased for \$25 in 1950 in hopes of firing up the Spartans before their contest with the Hoosiers. Found in a Lansing antique shop, the Spittoon is believed to date back to the early 1800s. Indiana currently holds the trophy after a Nov. 14 loss to the No. 10 ranked Hoosiers.



LAND GRANT TROPHY

This trophy honors Michigan State's and Penn State's unique places in history as the two pioneer land-grant institutions in the U.S. The trophy came about in 1993, when the schools started a run of playing season finales against each other. Penn State took home the trophy with a win on Dec. 12.



MEGAPHONE TROPHY

The Spartans and the Fighting Irish have competed for the Megaphone trophy since 1949. Introduced by the Alumni Clubs from both schools, one side of the trophy is blue, while the other side is green. The last match up was in 2017. Notre Dame currently holds the trophy.



Researchers Work to Keep Michigan Hopping

“This isn’t going to threaten our supply of hops, but it hurts our ability to supply locally grown Michigan hops.

- Timothy Miles,
Assistant Professor
Plant, Soil and
Microbial Sciences

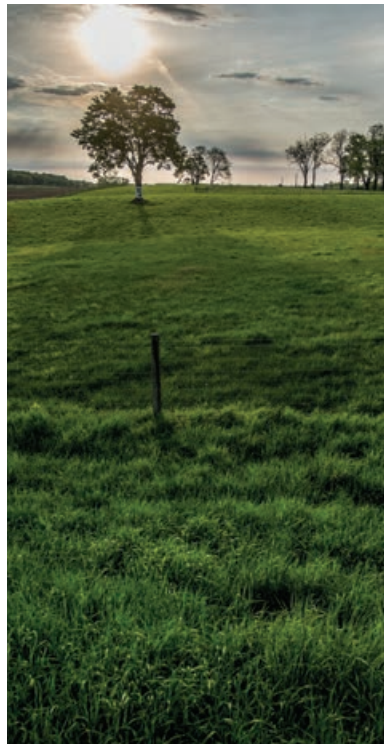
As Michigan’s hop industry grows, many of the state’s craft brewers would prefer to use locally-grown hops for their pilsners, ales and stouts, but a new species of fungus is threatening that prospect.

The good news is that MSU researchers are already working on strategies to manage what they’re calling halo blight, the disease caused by the fungus. There also shouldn’t be a hop shortage while they develop those strategies. Although Michigan is the nation’s fourth largest producer of hops, the Pacific Northwest grows the lion’s share of the crop.



10TH

Michigan ranks 10th in the nation for craft beer production



Greener Pastures

MSU researchers have garnered a nearly \$2.6 million grant to work with farmers across the country to make their fields more eco-friendly while boosting their farms’ bottom lines. Led by MSU Foundation Professor Bruno Basso, the team is developing conservation practices that cut losses on unproductive plots. The grant is part of a nationwide initiative called On-Farm Conservation Innovation Trials, funded by the U.S. Department of Agricul-

ture’s Natural Resources Conservation Service.

Basso and his team bring expertise in what’s known as digital agriculture to the program. Using images of fields captured by drones, planes and satellites, the researchers create maps of different fields of the same farm. These maps help farmers and researchers develop plans for each location, such as which crops to plant and what management strategies to use for maximum savings and profit.

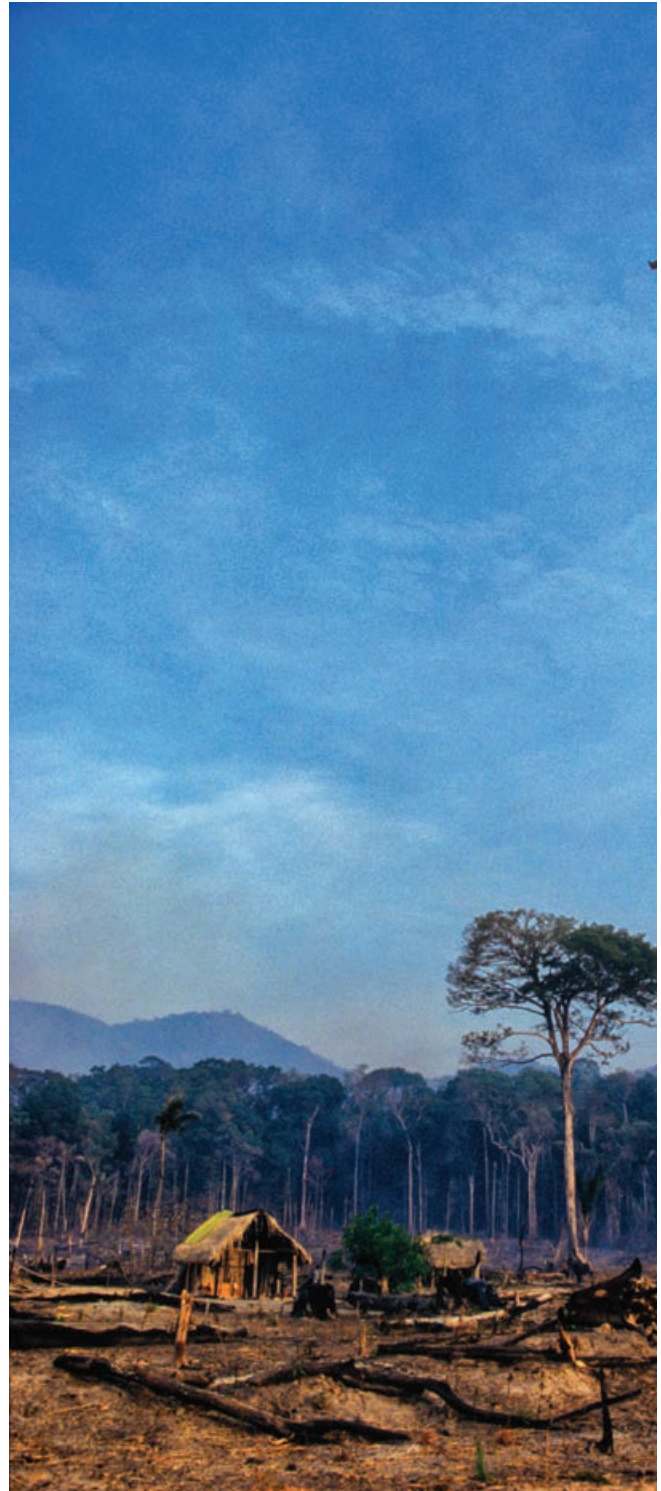
NSF Grant to Power and Empower Those Off Grid

A multi-disciplinary team of Michigan State University scholars has been awarded \$3.2 million from the National Science Foundation (NSF) to deliver renewable energy to off-grid communities.

This five-year project will deliver transformative advances in science and technology to communities where energy is too expensive or unreliable. These energy solutions could transform the lives of over 650 million people across the globe who are currently saddled with expensive and unsustainable off-the-grid energy options.

The project, led by Emilio F. Moran, John A. Hannah Distinguished Professor in Geography, spans across four MSU colleges—social science, engineering, agriculture and natural resources and communication arts and sciences—with participation of faculty from engineering, journalism, community sustainability and sociology.

By engaging stakeholders from the outset, the project will map the informational ecosystem of off-grid communities and empower local residents with choices about what energy sources could best serve them. The work will focus on communities in the Brazilian Amazon, but it will have broad relevance in the U.S. and across the world.



MORE ON
WEB

Learn more:
go.msu.edu/nsf-grant

INTERSTATES OF MIND: REWRITING THE MAP OF THE UNITED STATES IN THE AGE OF THE AUTOMOBILE

A new exhibition on view at the MSU Broad through April 10 unpacks our fascination with the automobile and the different ideals that continue to shape our visions of the United States today. The show pays special attention to the roles played by Detroit, Flint and Lansing in shaping this history. Drawings and sketches by Michael Burton, a Lansing native and the first Black designer to work for the top three—Ford, Chrysler and GM—will also be on display.



MSU ARTISTS EARN TWO LATIN GRAMMY NOMINATIONS

Three MSU faculty members and the MSU Wind Symphony have earned two Latin Grammy nominations for Best Classical album and Best Classical Contemporary composition. MSU faculty and student musicians “from the Michigan State University College of Music wrote, performed and produced the album titled ‘King Mangoberry.’” The 2021 Grammys will be held January 31.

ALBUM ART

The album artwork for King Mangoberry was created by seventh and eighth grade students from Chippewa Middle School, Okemos, Michigan



HELP FOR STUDENTS WITH FINANCIAL CHALLENGES DURING PANDEMIC

Zach Collen doesn't mince words about how hard he and his family have had to work in order to pay for his education.

While a pandemic demonstrated the value of nurses in our society, MSU nursing student and senior Zach Collen told us, "I have watched my mother work one full-time and three part-time jobs so that I could concentrate on my studies and not have to worry about finances."

The COVID-19 pandemic forced many students into difficult financial situations taking away from their ability to focus on completing the school year. That was true for Zach, and that's why a scholarship from the Nursing Student Emergency Fund couldn't have come at a better time.

Zach wasn't alone. Collectively, donors gave more than \$763,500 to college-level emergency funds this past year—which went right to work, helping students overcome financial challenges.

As Zach prepares to make the leap into the workforce, gratitude is top of mind, and someday he hopes to pay it forward financially. Until then, he plans to pay it forward through his actions: treating his patients with respect and dignity, making them feel special and taking extra care with those who are most in need. And during a pandemic, that's an extremely reassuring thing to hear.

**MORE ON
WEB**

Learn more about emergency student support funds:
go.msu.edu/help-students

“*I have watched my mother work one full-time and three part-time jobs so that I could concentrate on my studies and not have to worry about finances.*

41%

The increase in applications to MSU College of Nursing BSN program for Spring 2021.

MSU goes virtual with sexual assault prevention programming

In the midst of a global pandemic, MSU's Prevention, Outreach and Education Department is finding innovative ways to keep students engaged with relationship violence and sexual misconduct prevention programming through virtual events.

Traditionally, POE hosts a series of in-person events and educational trainings on campus aimed at preventing relationship violence and sexual misconduct. When the university shifted almost entirely to online education last year to prevent the spread of the virus that causes COVID-19, POE acted quickly to engage students with interactive training.

By the end of fall semester, more than 20,000 students received POE training using Zoom and other virtual platforms.

"I am really proud of the way POE staff came together to redesign and adapt all of our in-person programs to a virtual format," POE Director Kelly Schweda said. "We are committed to continue to engage and have conversations about gender-based violence, even if that means we all have to learn new ways to do that."

In addition to ongoing prevention training, the team hosted a series of programs, one of which was the It's On Us Week of Action that allowed students to show support to survivors of sexual assault and raise awareness of gender-based violence.

The White House initiated It's On Us in 2014 to encourage campus communities to take a stand against sexual violence. National weeks of action each fall and spring involve student groups and university units, and support multiple MSU RVSM programs.

"Through It's On Us Week of Action, we can continue to empower our campus on different ways to prevent sexual and relationship violence and grow as a community," Schweda said. "It is important to join together in supporting survivors who are healing, especially during this critical and stressful time."

Author Chanel Miller delivered a keynote speech in a fireside chat webinar during last fall's Week of Action. She discussed her critically acclaimed memoir, "Know My Name," in which she tells her story in the aftermath of a high-profile criminal sexual assault case against a classmate and college athlete.

The novel is a New York Times bestseller, a New York Times Book Review Notable Book, and a National Book Critics Circle Award winner, as well as a best book of 2019 in Time, the Washington Post, the Chicago Tribune, NPR and People, among others. Miller is a 2019 Time Next 100 honoree and a 2016 Glamour Woman of the Year honoree under her pseudonym, "Emily Doe."

"We were excited to virtually welcome Chanel Miller to MSU for It's On Us Week of Action," said Damaris Crocker DeRuiter, a peer educator coordinator in POE. "Chanel's writing focuses on how personal narrative and empowerment play a role in survivors finding their voice and reclaiming themselves and their stories, and I believe MSU students, faculty, staff and community members were incredibly inspired by her words."

Throughout the week, POE held a virtual trauma-informed yoga session, and collected letters to survivors in partnership with MSU's Center for Survivors.

POE plans to coordinate another It's On Us week during Sexual Assault Awareness Month in April. The department will also continue to offer workshops for specific audiences through the end of the academic year. A list of these workshops can be found at poe.msu.edu.

"I am really proud of the way POE staff came together to redesign and adapt all of our in-person programs to a virtual format. We are committed to continue to engage and have conversations about gender-based violence, even if that means we all have to learn new ways to do that."

- Kelly Schweda,
POE Director



Good things happen
when **we work together.**

We're proud to partner with the MSU Alumni Office. To learn more about Liberty Mutual auto and home insurance, please call us at 1-800-469-6720, or visit libertymutual.com/msuaa.



Living History

An excerpt from Eric Marshall's journey from Mississippi to Michigan State to Vietnam and beyond. BY TOM SHANAHAN

When I was in sixth grade, we had to give a speech about what we wanted to do in life,” Eric Marshall said. “Mine was about how I was going to Michigan State University to play football and graduate. The other kids laughed at me. It was the impossible dream. No one we knew was able to go to a Big Ten school.”

Marshall's story is a life lesson for today's COVID-19-impacted athletes. He adapted to history's twists and turns, living through the Ole Miss riot of 1962, escaping segregation through Coach Duffy Daugherty's effort to integrate his team, serving as a young lieutenant in Vietnam and retiring from a second career as a high school principal in San Francisco.

Marshall was never more than a backup quarterback for MSU, but all that mattered to him was fulfilling his dream of earning his political science degree. He had the last laugh on his sixth-grade classmates as a high school senior.

“I read them my scholarship letter from Duffy.”

American history found him again, disrupting his plan for graduate school with an Army draft notice.

Marshall arrived in Vietnam 50 years ago, serving 13 months, from July 1970 to August 1971.

Maybe the local draft board thought he was just another Black body to send to the front lines—they went in disproportionate numbers—but Marshall was a college graduate. That qualified him for Officer Candidate School.

“I was going to Vietnam anyway. I might as well go as an officer. I signed up for Ranger training, jump training, jungle training. It was a good thing, too. When you first get there, your men think you're some lieutenant that doesn't know what's going on over there. My training gained their confidence.”

Only in America can history flip circumstances so quickly and dramatically.

In 1962, Marshall was a bystander on racially blood-stained Mississippi soil; he watched the Army protect a descendant of slaves from Confederate progenies. Eight years later, he was an Army officer on blood-stained

“When you're in the infantry, you've got to fight together to stay alive. You understand bullets don't discriminate.

– Eric Marshall

foreign soil; he commanded a melting-pot platoon.

Marshall, 77, eventually retired from two careers. First, as an Army Lt. Col., having served 24 years around the world, including a diplomatic trip to Moscow while stationed in West Berlin. Next, as a high school principal in the San Francisco Unified School District.

After all these years and events, throughout the twists and turns, he is proud of his life's journey. Today's COVID-19-impacted athletes can learn from him—that life can still turn out fulfilled.

**MORE ON
WEB**

Read the full story about Eric Marshall:
go.msu.edu/marshall



Eric Marshall, '68
College of Social Science



CLOCKWISE FROM TOP LEFT:

Eric Marshall wears his Spartan #19 jersey in his official team portrait.

Eric "Ruben" Marshall on the run during his senior year.

Notre Dame and Michigan State quarterbacks at the 2017 joint reunion (L-R): Eric Marshall (1963-67), Steve Juday (1963-65, 1965 All-American; Michigan State Hall of Fame), Jimmy Raye (1965-67, 1966 All-Big Ten; Michigan State Hall of Fame), John Mullen (1964-1966) and Notre Dame's Terry Hanratty.

A 2015 snapshot of Eric and two-time All-American, Bob Apisa.

Eric Marshall graduated in 1968 with a degree in political science and plans for attending graduate school when the Vietnam War intervened.



Jazmin Bailey, '11
College of Communication
Arts and Sciences

Making News Personal

As a news anchor in Orlando, Jazmin Bailey speaks publicly about her personal life while bonding with viewers and keeping them informed. BY TOM KERTSCHER

Spartan tough love, you might call it, steeled Jazmin Bailey to compete for a shrinking number of jobs in television news.

The journalism graduate was stunned shortly after arriving on campus.

"I just remember one of the counselors saying, 'Well, this is a sink-or-swim program. We will teach you; we will equip you with the knowledge to go out and to be a great journalist, but you are going to have to do the work.'"

"That sticks out to me because I took it seriously."

The courses in the MSU School of Journalism taught Bailey tough lessons. She vividly remembers failing one of her first reporting courses because of a factual error on a weighted assignment. That moment taught Bailey that fact-checking was essential to journalism. She took this knowledge into her career and cited it as a lesson she would never forget in the future.

In April 2020, Bailey received the Rising Star award from MSU's College of Communication Arts and Sciences in recognition of her success early in her career. She is currently an anchor at WESH, a Hearst television station in Central Florida, where she won a 2017 Emmy Award for coverage

of breaking news in Orlando.

Bailey discovered as a young TV reporter in Virginia that her work could make a difference beyond the news desk.

“Modeling vulnerability is a very powerful thing that you can do, because most people just kind of walk around with all their challenges and they hold them inside and never tell anyone.”

"You realize this is much bigger than me and I have the opportunity to share stories with people that could end up changing someone's life," she said.

Bailey has also connected with people by bringing her authentic self to the job and opening up about a toxic marriage and the domestic abuse that accompanied it.

"Modeling vulnerability is a very powerful thing that you can do, because most people just kind of

walk around with all their challenges and they hold them inside and never tell anyone because of fear or shame; the thought that someone will judge them.

"And being a news anchor who shows up on TV every day that you recognize and you think probably has this amazing life, and you're like, wait a minute, you were getting abused at home and then showing up at work? Yeah, I was; that was happening."

Bailey said her memoir, "The Woman With The Oil: Baring All and Healing From The Inside Out," and speaking publicly about her abuse experience bonded her with viewers in a different way than broadcasting does.

"I tell stories and I make sure that people are informed every day, and that's great. But now I am more than a pretty woman on TV who reads the news. I'm the woman who's bold enough to speak her truth and be unapologetic about maintaining her peace."

MORE ON
WEB

Learn more:
Twitter: @jazminmbailey

Jazmin's funny Facebook video:
go.msu.edu/jazmin

Passion for Design

Spurred by a desire to be the best, Ralph Gilles designs vehicles that people love to drive. BY TOM KERTSCHER

Many of the best-looking cars of recent times owe some of their appeal to Ralph Gilles, MBA '02, and to what he observed as a boy.

"I joke that I grew up in the ugly '70s and '80s," said Gilles, global president of product design at Fiat Chrysler Automobiles. "In the mid- to late-'70s, a lot of cars got really funky-looking; we thought the muscle car was gone, back then. So, anything fun was quite rare.

"Once in a while, when you saw something like a Porsche 911, or even an older 'Cuda or something like that, it really stood out; it was really special. And so it made me notice the contrast between the mundane cars and these cars with spirit to them.

"I noticed that even at 7-8 years old," Gilles continued. "I was like, 'Why am I feeling such an attraction to this machine?' It made me hyper-tuned-in to that feeling of the contrast between a boring car and an awesome car."

Gilles, who joined Chrysler Corp. in 1992, recalled that the fascination led him to magazines such as Car and Driver and Road & Track. "I would read them back-to-back like a minister reads the Bible," he said.

Then, in high school, his classmates decided that a new student had supplanted Gilles, who was designing and redesigning cars through sketching, as the best in the school at drawing. "It was the best thing that ever happened to me, because then I really took it seriously," he said.

Gilles is proud of his work on a Dodge sports car, the "Gen 5 Viper," at a time when the company was deciding whether to bring the car back.

"Even to this day, it has a hero-icness about it, an outrageousness that's attractive," he said. "It combines many of my loves. I like muscle cars, the idea of power, I love the driving and I love the styling. It had all those things. And the later models are outstanding track cars. I'm an amateur racer. Driving your own brand on the racetrack and having it dominate is so much fun."

Gilles said he is also proud of his work with the Pacifica minivan, the Jeep Grand Cherokee and the Ram truck. "We happen to have these amazing brands that also have great car clubs behind them. Having brands that people create communities around is huge. You don't see that with too many brands."



Ralph Gilles, '02
Eli Broad College of Business

As for African-Americans advancing in the corporate world, Gilles said:

"I think, in general, whether it's at the board level of companies or the (executive level), definitely I think the top of companies need to look like the market. I think America is getting more diverse every day, just naturally. I stop short of promoting affirmative action, because I think it



could be very organic once you give it a second thought.”

His own career will remain on the same track.

“The visceral part is something, I don’t know where it comes from, but to this day, I still have that feeling. It never gets old.”

**MORE ON
WEB**

Twitter: @RalphGilles
Video: How he made his dream a reality: go.msu.edu/gilles

“ Once in a while, when you saw something like a Porsche 911, or even an older ’Cuda or something like that, it really stood out; it was really special. And so [even as a child] it made me notice the contrast between the mundane cars and these cars with spirit to them.

Renaissance doctor

Whether as a public health official or a track star, Delano Meriwether knows how to get the job done. BY LIAM BOYLAN-PETT

Growing up Black in segregated Charleston, South Carolina, there were certain places Delano Meriwether simply could not go. When Meriwether came to MSU in the fall of 1960, however, he felt like he had entered a whole new world.

For the first time, Meriwether could go to the movies and any restaurant he wanted to. He even joined an intramural volleyball team. “It was very clear to me when I went out to Michigan State, I had to make the most of it,” Meriwether said. “But how can you make the most of something when there are so many distractions?”

Those distractions did not end up slowing Meriwether down. Instead, after three years, he left MSU without a degree, but with a glowing resume. His only bad experience, he said, was informing his favorite professor he was leaving MSU’s veterinary program. “I don’t normally quit things,” Meriwether said, “but once I had Michigan State’s blessing, I felt ready to apply to medical school.” His career at Michigan State came to an end, but

he had nothing but good things to say about his time there. “MSU was a joyous place for me,” he said.

Meriwether left MSU and became the first Black American to enroll at Duke University School of Medicine, and by 1976, he was appointed the director of the U.S. Public Health Service’s immunization program. On top of that, Meriwether became a track star, winning the 1971 national championship in the 100-yard dash.

“It was very clear to me when I went out to Michigan State, I had to make the most of it.”

Living a full life has never been a problem for Meriwether.

Ten years prior to becoming an integral part of the immunization program in the 1970s, he enrolled at MSU with the plan of becoming a veterinarian. He had worked in a veterinary hospital in high school and won an award from the

American Veterinary Medical Association for his research on internal parasites found in dogs—MSU recruited him because of the award. After beginning his studies at MSU, however, Meriwether decided he wanted to be a medical doctor.

The veterinary world’s loss was a gain for the world of medicine. Meriwether graduated from Duke in 1967, and then earned a master’s degree in public health from Johns Hopkins University. Soon after, he oversaw the immunization program, where he was tasked with leading the team in charge of immunizing over 100 million people against the swine flu in a span of six months. Because he was also a track star, Meriwether was profiled by *Sports Illustrated*, *Time* and *People*, among others. The more publicity regarding the vaccine, Meriwether thought, the better.

Today, as the world begins the rollout of a vaccine for the coronavirus, Meriwether is hopeful the process goes as well as it did for him back in 1976—even if he has his worries. “We need to approach and address the whole issue of



Wilhelm Delano Meriwether
College of Natural Science

the current pandemic on the basis of sense,” Meriwether said. “Common sense, as well as scientific sense.”

After his work on the vaccine, Meriwether spent much of the 1980s in South Africa, working as a doctor for millions in the region. Now 77, he lives in Maryland with his wife, just outside of Washington, D.C. While he is no longer running a public health program or running sprints

down the track, Meriwether is still trying to live a full life, just like he did at MSU.

Like the young man who came to MSU and faced distractions, Meriwether remains open to anything and everything. “I still have a lot to learn,” he said. It is very likely he will.

**MORE ON
WEB**

Learn more:
go.msu.edu/meriwether

The 2021 ALUMNI GRAND AWARDS

MICHIGAN STATE UNIVERSITY



MERIWETHER NAMED ALUMNI GRAND AWARD WINNER

On Friday, Oct. 22, 2021, Delano Meriwether will be among 12 other Spartans who will be honored during the Grand Awards Gala in East Lansing, Michigan. This signature event, hosted by the MSU Alumni Office, recognizes alumni and friends who positively reflect the values of MSU through their inspiring contributions of service, excellence and generosity.

Nominations are currently being accepted for the 2022 awards. If you know a great Spartan, please consider submitting a nomination by Sept. 1 at: go.msu.edu/grand-awards

INVENTING TOMORROW

MSU faculty's ability to keep coming up with groundbreaking ideas and take them to the marketplace has greatly helped improve the quality of life in communities near and far and has helped Michigan and the United States compete in a global environment.

BY LIAM BOYLAN-PETT





Thanks to MSU Professor G. Malcolm Trout, homogenized milk became feasible, and combined with pasteurization, it became safe and appealing to drink.



William J. Beal invented hybrid corn at MSU in 1872, leading to higher yields and better-quality corn.



Dr. Barnett Rosenberg and his team on campus invented Cisplatin and Carboplatin, two of the world's leading anti-cancer drugs.

In 1929, MSU Professor G. Malcolm Trout did not like the taste of milk. Back in 1864, Louis Pasteur had discovered that heating milk—or wine or beer—killed most of the bacteria in the liquid, thus creating the process of pasteurization. Then, in 1899, Auguste Gaulin patented a “homogenizing machine” that emulsified milk and gave it its rich, creamy, white color.

Until Trout, however, no one thought to link the two processes. His research at MSU led to the discovery that homogenized milk needed to be pasteurized first. Thanks to Trout, milk was safe to drink, and it looked appetizing; plus, it tasted good. He wrote “Homogenized Milk,” which became a respected book in the dairy industry. To this day, Trout is credited with helping to make homogenized milk feasible.

Trout was not the first innovator on campus, and he certainly was not the last. Famed botanist William J. Beal invented hybrid corn in 1872 while at MSU. In the early 1970s, Dr. Barnett Rosenberg and his team on campus invented Cisplatin and Carboplatin, two of the world's leading anti-cancer drugs. Those are only a few examples of discoveries in East Lansing. In fact,

MSU faculty members are credited with over 2,700 inventions.

The university takes its propensity for invention and innovation seriously and proudly, showcasing the vital work its faculty is doing. In fact, beginning in 2011, the MSU Innovation Center began hosting an annual Innovation Celebration. The event, a networking reception that showcases innovative technologies developed in campus labs and beyond, honors the university's greatest innovators and innovations.

“To create something new, it requires an incredible amount of labor, perseverance and creativity. The innovation, invention and research created at MSU are something that needs to be shared with the world,” Charles Hasemann, assistant vice president for Innovation and Economic

Development at MSU and MSU Innovation Center executive director, said at the 2015 Innovation Center Celebration. “The process of bringing technologies to market is a long road, filled with trial and error, but we provide the necessary resources and support to make this possible for both MSU faculty and students.”

The 2020 Innovation Celebration was canceled due to the COVID-19 pandemic. Even if unable to do so in person, the MSU Innovation Center still honored the “Innovation of the Year” virtually. The team looks forward to the next decade of innovation.

Over the following pages, you will find a few of MSU's greatest innovations honored at previous innovation celebrations. They are some of MSU's greatest gifts to the world.



Invisible Solar

Those bulky rooftop solar panels many households hide on the back sides of their homes are not the only option. That is thanks to Richard Lunt, the Johansen Crosby Endowed Professor of Chemical Engineering at MSU, and other engineering researchers. Lunt and colleagues at MSU pioneered the development of transparent luminescent solar concentrators in 2014. The panels, which were plastic-like and looked like thick glass squares, could be placed on windows—thus creating solar energy without disrupting a view.

“Highly transparent solar cells represent the wave of the future for new solar applications,” Lunt told MSUToday in 2017. “We analyzed their potential and showed that, by harvesting only invisible light, these devices can provide a similar electricity-generation potential as rooftop solar, while providing additional functionality to enhance the efficiency of buildings, automobiles and mobile electronics.”

Lunt was awarded with the Best Innovation at the 2015 Innovation Celebration, and is still working on expanding the application of the technology. Now Lunt’s innovations will make it possible to apply the technology anywhere there’s glass. That means his invention could potentially be placed on anything—from small electronic devices such as cellphones or on massive skyscrapers.

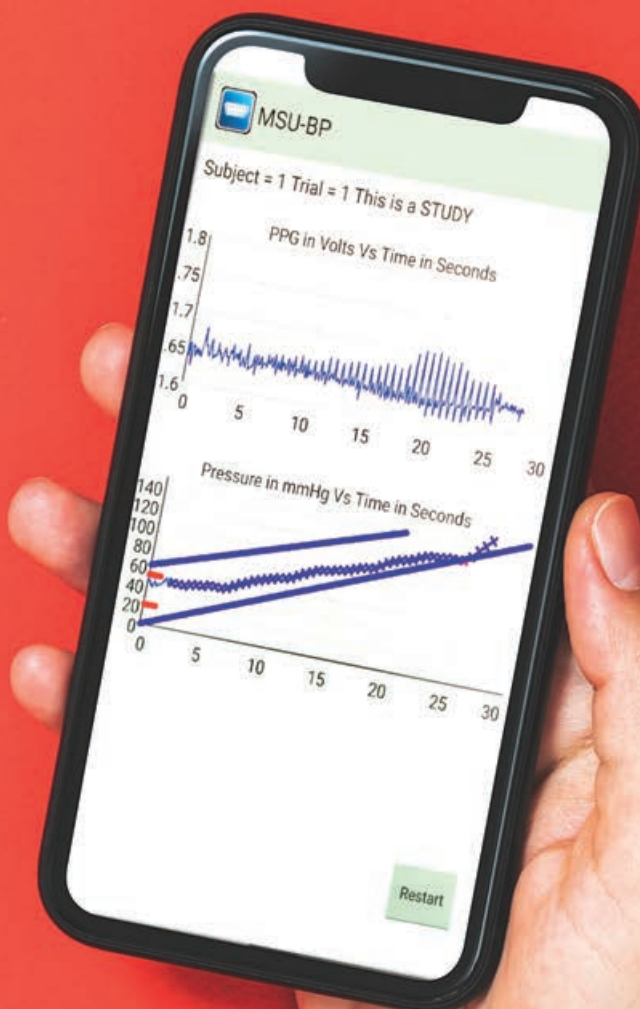
“Traditional solar applications have been actively researched for over five decades,” Lunt said. “Ultimately, this technology offers a promising route to inexpensive, widespread solar adoption on small and large surfaces that were previously inaccessible.”

Professor Richard Lunt
Johansen Crosby Professor of
Chemical Engineering and Materials Science

There's an App for That

How often do you check your blood pressure? Only when you go to a doctor's appointment? That's true for most people, but thanks to Ramakrishna Mukkamala, who was a professor in the Department of Electrical and Computer Engineering honored with the 2019 Innovation of the Year award, you can check your blood pressure on a smartphone. Mukkamala, who is now a professor in the bioengineering department at the University of Pittsburgh, said he could not have pulled off the work without MSU's Innovation Center. Mukkamala and his team not only received aid for research funding, patents, licensing and commercialization, but he also said that the personal investment the Innovation Center had in his work was its most significant contribution.

The investment paid off: according to Mukkamala and his team's data, the smartphone blood pressure measurement devices could significantly reduce the 45% of people in developed countries who have high blood pressure, but are not aware of it. And the same goes for the 55% of hypertensives not aware of it in developing countries, in which smartphone use is growing.





Taking Stock of the Sweet Cherry Tree

Sweet cherry trees can be precocious plants, taking up to four to six years to flower and produce fruit for harvest. Amy Iezzoni, a professor in the Department of Horticulture and the 2019 Innovator of the year winner at the Innovation Celebration, put her research in rootstock development to work to transform sweet cherry trees to mature in two to three years. Not only that, but Iezzoni's trees are also smaller and easier to harvest; thanks to their low height—laborers will not need ladders.

It is a game-changer for the cherry industry. Not only will the dwarf trees be ready to harvest, it will be easier to do so, reducing labor costs. While Northern Michigan is known for its tart cherry production, Iezzoni is hopeful that her rootstock development studies could transfer to that industry, too.

“Beyond my work,” Iezzoni said, “we’re helping elevate what can be done in other crops through breeding.”

Giving Plants a Break

Multitasking is no easy task. Try taking a Zoom call while also writing a pressing email and telling your dog to stop barking. It is not only humans who have trouble multitasking, however. Plants also struggle to do two things at once. Namely, a plant cannot grow quickly if it is also defending itself against insects and pathogens—there is a trade-off.

In 2017, Dr. Gregg Howe, University Distinguished Professor and MSU Foundation Professor in the Department of Biochemistry and Molecular Biology, and his team were honored at the Innovation Celebration for discovering a way to “upset the paradigm” of having to choose between a plant’s ability to grow quickly and its ability to fight off pests by creating a plant no longer bound by this energy trade-off. Howe’s “relief-of-repression” alters a defense hormone repressor and “knocks down” a light receptor of an *Arabidopsis* plant. This allows a plant to both grow quickly while simultaneously defending itself against insects and pathogens.

The work is important. If Howe can translate his approach to crops, the production could increase by drastic amounts—which is important for an industry that some estimates say needs to increase production by 70% to 100% over the next 30 years.



Wasted Electricity

Dr. Donald Morelli, chairperson and professor in the Department of Chemical Engineering and Materials Science, studies thermoelectric technology. The technology is an environmentally friendly method of harvesting and recovering heat, and then converting that heat into electric energy. Simply put, it is taking waste heat sources and turning them into electricity.

The problem with finding thermoelectric generators, however, is that they are often expensive, rare and inefficient.

In 2018, Morelli was honored at the Innovation Celebration for the use of

tetrahedrites in thermoelectric technology. The mineral “not only combines important physical properties, but it is made from earth-abundant materials,” Morelli said. Tetrahedrites are naturally occurring minerals that can be synthesized in a lab. They also have very low thermal conductivity with good electronic properties.

The discovery of tetrahedrites is an integral step in the process of creating a low-cost, widespread technology for converting heat to electricity, and the less waste in energy creation, the better.



Can Hearing Aids be Smarter?

Dr. Mi Zhang, an associate professor in the Department of Electrical and Computer Engineering and the Department of Computer Science and Engineering, knows that people who use hearing aids rely on more than their earpieces. In fact, when they talk to people, they read lips, and when they are out in the world, they use physical cues. As Zhang described it, “If there is a delay in processing the audio, if those two sources don’t sync,”—which can occur with current hearing aids—“it makes you dizzy. It’s like the captioning being out of sync with the action in a movie.”

To fix the problem, Zhang is creating a smart hearing aid. It will use an algorithm to filter unnecessary noises out and compress the data (sound) in an instant—10 milliseconds or less—to sync the audio with the delivery source. Zhang’s smart hearing aids are almost ready: they have the acoustics and the compression ready for market, but they need the hardware.

Like most innovations, the process builds on itself. Next up for Zhang and his team: the final touches and a hearing aid that could impact, according to the Food and Drug Administration, the more than 35 million children and adults in the United States experiencing some degree of hearing loss.



Some MSU Alumni Inventors

MSU faculty members are responsible for a bevy of inventions and discoveries, but MSU alumni inventors have made their fair share of contributions to the world. Here are a few who have impacted the world.



FIBER OPTIC WIRE

**DONALD KECK, '62, M.S. '64,
Ph.D. '67** College of Natural Science

Keck invented what would become fiber optic wire in the early 1970s, which could carry 65,000 times more information than conventional copper wire. In 1993, Keck was inducted into the National Inventors Hall of Fame. And in 2000 he received the nation's highest honor for innovators: the National Medal of Technology. During his career, Keck acquired 36 U.S. patents and authored over 150 papers concerning optical fibers and components.



LASER PRINTER

GARY STARKWEATHER, '60
College of Natural Science

Starkweather (1938-2019) invented the laser printer in 1971 while working at Xerox. He later worked

with Apple Computers, Lucasfilm, Pixar and Microsoft. Notably, he was a consultant on the digital effects team for the original Star Wars movie in 1977. He also won a technical Academy Award in 1994 for his pioneering work with Lucasfilm (and later, Pixar) in the field of color film scanning.



REPROGRAMMABLE CHIPS (FPGA)

ROSS FREEMAN, '69
College of Natural Science

Freeman (1948-1989) invented the first reprogrammable chip or field-programmable gate array. Since 1985 our systems have become easier to update thanks to his revolutionary chip design. To this day the company he co-founded, XILINX, holds over 50 percent of the market share in the programmable logic device industry. These chips are widely used in automotive, industrial, medical, aerospace, defense, consumer and wireless communications industries. In 2006, 17 years after his death, Freeman was inducted into the National Inventors Hall of Fame.

ARE YOU A SPARTAN INVENTOR?



**We want
to hear
from you!**

Send us an email about your inventions, or those of a Spartan inventor you know, to **Spartan-Magazine@msu.edu**

We will share your invention stories online at **alumni.msu.edu**

BY DANIEL P. SMITH

THOUSANDS OF PATHS

If 2020 taught us anything, it was to seize every opportunity. Often, it is the tailwind of a challenging year that pushes us in a new direction and reveals who we are meant to be. These rare moments can offer clarity, and if we are willing, we can travel a new path.

Through three different centuries, MSU has been part of hundreds of thousands of paths—introducing students to new possibilities of entrepreneurial endeavors, passion projects and intriguing career prospects—while producing a global community of Spartans driven to serve society and one another.

Here today, alumni around the U.S. and the world are pursuing their life's ambitions—torchbearers of our land-grant identity—they found their way as changemakers, visionaries, risk takers and problem solvers. This is a story about how Spartans leverage their MSU education, find their passion and jump into spirited work.





A Force for Education

For Iwan Syahril, Ph.D. '16, the 1998 film “Meet Joe Black” offered more than an entertaining 181-minute escape; the romantic fantasy sparked a life-changing revelation.

“I never considered a career in teaching, but the film encouraged me to consider how I really wanted to live my life.”

– Iwan Syahril

The film’s intense look at living without regrets compelled Syahril to reflect on his own life and its trajectory, an intrinsic examination that propelled him into his current position guiding one of the globe’s largest educational systems.

“It’s funny how inspiration can strike,” said Syahril, who stumbled into teaching while plotting a potential career in foreign affairs or international business. “I never considered a career in teaching, but the film encouraged me to consider how I really wanted to live my life.”

Over the past two decades, Syahril has tossed himself into scholarship and earnestly championed student-centered education, which he sees as a pathway for Indonesia, the globe’s fourth-most-populous nation with nearly

270 million residents, to become a stronger, more robust country.

“Being fully committed to education has allowed me to live my life with purpose,” Syahril said.

Pursuing his passion

Fully invested in becoming a better teacher, Syahril landed a Fulbright scholarship, which he parlayed into master’s degrees in secondary education and curriculum and teaching at Columbia University before turning to MSU’s globally renowned teacher education Ph.D. program in 2011. At MSU, Syahril found peers and professors who embraced him as an equal intellectual partner as well as an academic program that encouraged his quest for understanding curriculum, instruction and the teaching profession.

College of Education Professor Lynn Paine quickly noticed Syahril’s inquisitive nature and deep commitment to education—“When you called on Iwan in class, you better be prepared for a thoughtful, probing conversation,” she noted—but, even more, his unique ability to identify parallels between disparate educational environments from Indonesia and Canada to New York and Michigan.

“It wasn’t enough to understand things from the school’s perspective alone,” he said. “I needed to investigate the complexities of policy as well.”

That dual focus on pedagogy and policy sparked Syahril’s dissertation on policy sensemaking and teacher certification in Indonesia and, upon his return to Indonesia in 2016, the establishment of



Iwan Syahril, Ph.D. '16
College of Education

the Center for Education and Policy Studies, an independent research institute focused on innovation, educational issues and education policy.

“While the design of a policy may initially seem sound, the implementation of it is often messy as sensemaking is overlooked,” he said. “The two need to be more connected.”

Prepared for opportunity

In May 2020, Indonesian President Joko Widodo appointed Syahril the nation’s director general of teachers and education personnel, an immense role in which he is charged to create and implement policy for 3 million public and private school teachers and education personnel across Indonesia.

“In my heart, I believe the key to improving education sits with better teachers,” he said. “I want to support teachers to do their job well and help them to see continuous learning as a core cultural element of a complex profession.”

Syahril also hopes to decentralize Indonesia’s existing educational structure by empowering 514 local governments to take a more active role in local students’ learning.



“Don’t look up to the hierarchy... look directly at your students and their needs. That’s who we serve.”

– Iwan Syahril

“The national government cannot do it alone, especially in a country as large and diverse as Indonesia,” he said.

Committed to the cause

Though Syahril acknowledges some early skepticism to his office’s reform agenda, he remains steadfast in his mission and eager to shift the mindset of education in his country, one that has far too often favored complying with regulatory standards over attending to student needs.

“I want to put the focus on students and their learning, celebrating all talents and giving each individual an opportunity to contribute. I say, ‘Don’t look up to the hierarchy, but rather look directly at your students and their needs. That’s who we serve.’”

Supported by Indonesia’s Minister of Education and Culture, Syahril stands eager to gather early adopters and create a sustainable movement that pushes Indonesia’s educational system forward.



INDONESIAN SCHOOLS

The approximately 3 million public and private school teachers, for whom Dr. Syahril is in charge of creating and implementing policy, are spread over the more than 17,000 islands that constitute Indonesia. The school system has approximately 170,000 primary schools, 40,000 junior-secondary schools and 26,000 high schools.

Science Inspired

Alyssa Space

2016, College of Natural Science

AS A HIGH SCHOOL STUDENT, ALYSSA SPACE TOLD FRIENDS SHE WOULD SOMEDAY CREATE HER OWN COSMETICS LINE.

Today, bolstered by a mix of entrepreneurial energy, a long-held interest in beauty products and an MSU chemistry degree, Space has accomplished just that as the founder and CEO of ForHerCosmetics, a line of vegan, cruelty-free makeup designed for women of color.

Space launched ForHer in May 2018 after a year of experimenting with different natural ingredients that moisturized and preserved the skin. Eight months later, the Detroit-bred entrepreneur who began formulating sunscreens, perfumes and other products as an elementary school student, went all in. She quit her job as a quality control analyst at a specialty chemicals company to focus exclusively on ForHer.

"I was scared, doubtful, motivated, unsure and everything else in between," Space said.

As Space sharpened her business fundamentals in Detroit's TechTown incubator program, ForHer began generating sales momentum. Her five-employee company now inhabits lab space in the Core City neighborhood and recently earned 8(a) certification from the U.S. Small Business Administration, a business-boosting program for minority-owned operations.



"We're ready to take off in 2021," she said.

Space has used her ForHer experience and passion for science to inspire others as well. Under a second entity, MySpace Laboratories, Space visits schools to promote entrepreneurship and science, specifically highlighting different chemical experiments and processes that infiltrate everyday life. It's a life Space could not lead without her MSU experience.

"The platform I stand on today to attract customers and teach chemistry to students is entirely because of the base I built at Michigan State," Space said.

“*The platform I stand on today to attract customers and teach chemistry to students is entirely because of the base I built at Michigan State.*

– Alyssa Space



Doing well *and* doing good ...

Julian Posada

*1991, College of Agriculture
and Natural Resources*

THOUGH JULIAN POSADA LED SEVEN DIFFERENT COMPANIES OVER HIS PROFESSIONAL LIFE AND SERVED ON NUMEROUS NONPROFIT BOARDS, THE EAST LANSING NATIVE HAD NOT YET ACHIEVED HIS MOST DARING OBJECTIVE: TO COMBINE THE TWO IN A SINGLE EFFORT.

“I wanted to do well and do good,” Posada said.

In 2016, Posada departed his post as executive vice president of marketing and strategy at the Chicago Sun-Times to serve as chief operating officer of The Resurrection Project (TRP), a Chicago-based nonprofit that provides affordable housing, financial education and immigration legal services. Yet that move only forecast a much greater plan: incubating LiftUp Enterprises, TRP’s scalable, for-profit social enterprise that has allowed Posada to fulfill his ambitious personal mission.

LiftUp provides cleaning, landscaping and painting services, albeit with a shared focus on accelerating the stability and mobility of individuals in low-income

communities across Chicago, where Posada noted that households making less than \$53,000 annually are “functionally poor”—that is, living paycheck to paycheck. The thoughtfully designed business pays its employees weekly, offers career-building opportunities, provides an employer-sponsored emergency loan fund, and partners with wraparound services such as legal and medical to support the overall well-being of its employees.

“Throughout my career, doing well and doing good were separate parts of my life, but I always believed you could do both simultaneously,” said Posada.

Posada, who honed his project management skills while working at MSU’s Union Activities Board, is now actively working to capitalize LiftUp and optimize its social outputs as well as its business performance to create inspiration and aspiration for Chicago’s next generation.

“My best work is still in front of me,” Posada said.

“Throughout my career, doing well and doing good were separate parts of my life, but I always believed you could do both simultaneously.”

– Julian Posada

Service to People

Bryan O. Buckley

2010, College of
Natural Science
MPH 2012, College of
Human Medicine

AS AN MSU UNDERGRADUATE MAJORING IN MICROBIOLOGY AND MOLECULAR GENETICS, BRYAN O. BUCKLEY ENVISIONED WORKING AS A MEDICAL TECHNICIAN OR IN A MICROBIOLOGY LAB—THAT IS, UNTIL PROFESSOR POORNA VISWANATHAN PULLED HIM ASIDE AFTER CLASS.

“She encouraged me to look into public health because I was so social and that skill set could make a bigger impact outside the lab,” recalled Buckley, who, while appreciative of Viswanathan’s nudge, confesses he “had no idea what public health was.”

After taking an epidemiology course the following semester,

“My passion for public health grew as I discovered the field’s ability to impact change on all different levels.

— Bryan O. Buckley

Buckley “fell in love with public health,” drawn to the diverse disciplines—behavioral science, health education and health policy among them—that comprise the far-reaching field.

Buckley worked on global health initiatives in Antigua and Liberia, served on the tobacco-free MSU Task Force, and helped to produce one of the nation’s first statewide surveillance programs for an antibiotic-resistant bacteria called CRE while with the Michigan Department of Community Health.

“My passion for public health grew as I discovered the field’s ability to impact change on all different levels,” Buckley said.

In 2017, the Maryland native ventured back east to pursue his doctorate in public health at Harvard, but not before visiting Viswanathan on the MSU campus.

“I wanted her to know that she and Michigan State transformed my life and helped cultivate my passion,” said Buckley, now a fellow working on translational research in patient safety and quality at Med-Star Health, a prominent mid-Atlantic health system. “A career in public health has opened the door for me to make systematic changes that improve health where we live, work and play, and that feels incredibly rewarding.”



Cheers to Detroit

Mark Rieth

1989, *Eli Broad College of Business*



WHEN MARK RIETH RETURNED TO HIS DETROIT ROOTS IN 1997 FOLLOWING A NOMADIC NINE-YEAR CAREER IN THE AUTOMOTIVE INDUSTRY, HE DID SO WITH HOPES OF FOUNDING HIS OWN BUSINESS. THOUGH RIETH ACHIEVED HIS ENTERPRISING AIMS BY STARTING AN INSURANCE BROKERAGE COMPANY, HIS MORE DARING ENTREPRENEURIAL LEAP CAME IN 2005 WHEN HE PURCHASED SOLE OWNERSHIP OF ATWATER BREWERY—BEFORE TELLING HIS WIFE.

“Our third child was just born, so it was a major risk,” acknowledged Rieth, a former homebrewer who first invested in Atwater, an early comer to Detroit’s craft beer scene, in 2002. “But that was me being all in and fully committed.”

Rieth held a modest first goal: never miss a payroll. (He didn’t.) His second goal, however, demanded far more vision: to build Atwater, then producing about 250 barrels a year from its Rivertown District taphouse, into a more robust craft beer player.

Leveraging insights on production and distribution culled from his MSU business education and automotive industry years, Rieth steered Atwater’s rise. He ratcheted up annual production to 30,000 barrels, experimented with boutique ales like Vanilla Java Porter and the award-winning Dirty Blonde Ale, and opened additional taphouses in Grosse Pointe Park and Grand Rapids.

“We’re a decadelong overnight success,” Rieth joked.

In early 2020, Tenth and Blake, the U.S. craft division of Molson Coors, acquired Atwater. In the capital-intensive beverage business, Rieth calls Tenth and Blake “a tremendous strategic and financial partner” that positions Atwater to grow beyond its current 12-state footprint and to expand its efforts in spirits, hard cider and hard seltzer.

“My goal is to be an even greater part of Detroit and Michigan and to make this a business that survives well beyond me,” said Rieth, who continues leading Atwater’s daily operations.

“My goal is to be an even greater part of Detroit and Michigan and to make this a business that survives well beyond me.”

— Mark Rieth

New Possibilities

Robin D. Stone
*1986, College of
Communication
Arts and Sciences*

WELL INTO HER THIRD DECADE AS A PROFESSIONAL JOURNALIST, A RUN THAT INCLUDED EDITING AND PENNING ARTICLES ABOUT HEALTH AND LIFESTYLE ISSUES AT PREMIER PUBLICATIONS SUCH AS THE NEW YORK TIMES AND ESSENCE AS WELL AS AUTHORIZING A BOOK ON OVERCOMING CHILDHOOD SEXUAL ABUSE TITLED “NO SECRETS, NO LIES,” ROBIN D. STONE ENCOUNTERED WHAT SHE CALLS A “LIFE HAPPENS” MOMENT.



A widow and single mother at the time, Stone volunteered to facilitate writing circles at a New York City-based drug and alcohol treatment center for women. Seeing how the participants found strength and connection through sharing harrowing stories of survival led Stone to ponder her life's purpose.

“I began reflecting on how I wanted to show up in the world, and a big part of that was helping people to become their best selves,” Stone said.

In 2015, nearly 30 years after departing student life, Stone took her first steps toward a counseling career by enrolling in a master's degree program at New York University.

“Much of my writing was self-help, but to help people more directly, I needed theoretical grounding,” Stone said.

Now a psychotherapist with a focus on trauma treatment, Stone helps individuals and couples navigate life's obstacles and seize new possibilities. She also runs expressive arts workshops using story to fuel personal growth, efforts informed by MSU journalism studies and a professional writing career that highlighted the transformative power of story.

“With story, clients can examine their life's narrative and craft their next chapter,” said Stone, who relishes seeing clients gain self-awareness, set boundaries and choose new paths.

Stone looks to soon open her own practice—centered on story, culture and community—in the city's Harlem neighborhood.

“It was a stretch to go back to school in my 50s, but it's been positive, fulfilling and worthwhile to show up in this way,” she said.

“With story, clients can examine their life's narrative and craft their next chapter.” – Robin D. Stone



YOUR
LEGACY.
THEIR
FUTURE.

LET'S TALK.

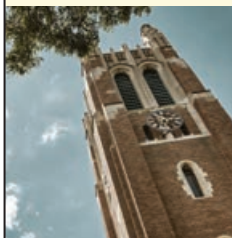


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The MSU Office of Gift Planning is here to help you discover ways to leave a legacy that reflect your values and priorities. Whether it's student scholarships, research or programs, let us show you how you can turn your philanthropic dreams into a plan.

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MICHIGAN STATE UNIVERSITY

Green & White

Spartans Connect and Inspire

THE HIGHEST-RANKED UNIVERSITY-BASED PROGRAM IN NUCLEAR SCIENCE BEGAN HUMBLY AT MSU IN 1958

The Michigan State University Cyclotron Laboratory was founded in 1958. Its first Cyclotron was built by 1963, and over the years the lab has continued to grow in stature. Since 2010 it has been ranked as the No. 1 Graduate Nuclear Physics program in the U.S. And the next evolution is set to take place in 2022, when MSU's Facility for Rare Isotope Beams (FRIB) will be operational. It will become the world's newest and most advanced nuclear physics user facility and home to the most powerful rare isotope accelerator in the world.



Stay Connected

From Give Green Day to the Global Day of Service, Spartans make an impact.

As I reflect on the events of 2020, I'm warmed by the generosity and dedication of our alumni and donors. Even while facing their own individual challenges, Spartans answered our call for help, demonstrating the ever-present collective power and will of our global MSU community.

Through participation in GivingTuesday, alumni and donors all over the globe generously contributed to causes supporting vital resources for students and notable campus initiatives. In one day, more than \$382,000 was raised from 1,924 donations. We are extremely grateful to those who contributed.

This year, our largest annual giving initiative, Give Green Day, will take place March 16, 2021. The 24-hour period allows for Spartans and friends to come together and give back to make a positive impact for current and future students. In 2019, more than 5,000 donors raised over \$1.6 million on Give Green Day. From support for emergency funds to scholarship programs, Give Green Day is vital to the success of MSU.

Spartans will have another opportunity to make an impact April 17, 2021, during our annual Global Day of Service. This event is committed to demonstrating the amount of good that can be done in a single day, therefore we are

encouraging Spartans across the world to participate in service projects impacting their communities. For this year's day of service, we will also ask Spartans to advance the common good, with social distancing in mind. For more information, visit go.msu.edu/gds-21.

I hope that when I write again, we may be able to meet in person safely. We have missed meeting with our fellow alumni and friends at the many events we host annually. In the meantime, I encourage you to participate in virtual engagement opportunities hosted through the MSU Alumni Office and to please continue to stay in touch. Throughout this past year, we have been continually inspired by the many ways Spartans have found to stay connected. As always, Spartans Will.

Go Green!



Nick McLaren, '99

EXECUTIVE DIRECTOR, MSU ALUMNI OFFICE



“This year, our largest annual giving initiative, Give Green Day, will take place March 16, 2021. The 24-hour period allows for Spartans and friends to come together and give back to make a positive impact for current and future students.”

Class Notes

News from Spartans Around the World



WINTER ON THE MICHIGAN STATE UNIVERSITY CAMPUS

1950s

LEONARD P. CAMPOS, M.A. '59

(Agriculture and Natural Resources), was honored with the 2020 Robert and Mary Goulding Social Justice award by the International Transactional Analysis Association in recognition of his commitment to social justice and application of rededication therapy. Campos was also recognized with the Marquis Lifetime Achievement Award in December 2019 in recognition of his over 60 years of expertise in the field of clinical psychology.

1960s

MARY MEANS, '69 (Arts and Letters)

has received the Louise du Pont Crowninshield Award, the National Trust for Historic Preservation's highest recognition. In the 1970s, Means conceived the Main Street project, with the bold mission of demonstrating economic development within the context of historic preservation. The original, three-town pilot project has evolved into Main Street America, an expansive and powerful program of the nonprofit National Main Street Center, Inc., that has helped revitalize older and historic commercial districts for 40 years. Means chronicles the

project's origins in her recently published book "Main Street's Comeback: And How It Can Come Back Again."

1970s

DAN PHILLIPS, '76 (Music), recently

retired from the University of Memphis after a 41-year college teaching career. Phillips is the developer and administrator of The Jury-System, a web application for scheduling, administering and evaluating college music juries.

JOHN D. RAYIS, '77 (Social Science),

was recently elected to the board of directors of Apartment Investment & Management Company (Aimco). Aimco is a publicly traded real estate investment trust and is one of the country's largest owners and operators of apartments, with 125 communities in 17 states and the District of Columbia.

TED HALM, '78 (Communication Arts and Sciences), has been honored

as the 2019-20 recipient of Ferris State University's Pete Peterson Bulldog Pride Award for his invaluable contributions to FSU Athletics. Halm retired this summer following 40 years of service to the university.

DANIEL B. BERMAN, '79 (Social Science), has been selected

for inclusion in "Upstate New York Super Lawyers" for 2020. Berman is a partner in the litigation department of Hancock Estabrook, LLP and has more than 35 years of experience litigating cases throughout New York.

GARY HERNBROTH, '79 (Business),

was recently honored by Connect Meetings as one of the 15 over 50 Top Professionals in the Event & Meetings Industry for 2020. Hernbroth is the chief motivating officer of Training for Winners in Danville, CA.

1980s

LAURA PROBYN, '86, M.S. '00

(Both in Agriculture and Natural Resources), has been named executive communication specialist at Western Michigan University, Kalamazoo.

ROBERT S. ANDERSON, '88

(Business), has been recognized by The Best Lawyers in America for his work in immigration law for 2021. Anderson is a member in the Immigration Practice at Kerr Russell in Detroit, MI.

JAMES HERING, '88 (Business), has

been hired as chief operating officer and wealth advisor at Bordeaux Wealth Advisors, LLC. Bordeaux, a boutique investment advisory and wealth management firm, has offices in Silicon Valley and Seattle. Hering is based in the firm's Silicon Valley office and comes to Bordeaux with 30 years of experience serving large ultra-high net worth families.

LEONARD C. WOLFE, '89 (James Madison), has been elected

chairman and chief executive

officer of Dykema, a leading national law firm. Wolfe will continue to emphasize innovative solutions for clients struggling with COVID-19's fallout while reaffirming the firm's commitment to diversity, equity and inclusion.

1990s

JEVELYN BONNER-REED, '93

(Engineering), has joined Winston-Salem/Forsyth County Schools (WS/FCS) as the chief human resources officer. WS/FCS is the 4th largest school district in North Carolina and has 55,000 students and more than 7,000 employees.

WILLIAM BOWERMAN, Ph.D. '93

(Veterinary Medicine), professor of Wildlife Ecology and Toxicology at the University of Maryland, College Park, was presented with one of the Boy Scouts of America's rarest and most significant honors—the Distinguished Conservation Service Award. The award is by nomination only and is reserved for an adult Scouter or Venturing leader who has rendered distinguished and unusual service to natural resource conservation and environmental improvement over a sustained period of at least 20 years.

GEANEEN M. ARENDS, '94 (Social Science), has been named practice

department chair for Butzel Long's Corporate and Real Estate Practice Departments. Arends will be responsible for the management and oversight of the firm's corporate and real estate attorneys who will report to her, as well as for the strategic goals, budgeting, forecasting, and direction of the practice groups.

Class Notes cont'd

MATT NOVAK, M.A. '95, Ph.D. '02 (Both in Social Science), and TERESA HUPKA, '04 (Education), were both mobilized with the 807th Medical Command, assigned to U.S. Army North, U.S. Northern Command's Joint Force Land Component Command, at Joint Base San Antonio, TX, to provide mission command of medical teams deployed throughout the nation. They continue to work for U.S. Army North, augmenting the Office of the Command Surgeon, as the Department of Defense responds to the nation's need for medical professionals during the COVID-19 pandemic.

MATTHEW J. MCGIVNEY, '98 (Social Science), J.D. '01 (Law), has been reelected Circuit Court Judge of Livingston County. McGivney was appointed to the Livingston County bench in 2019 by Governor Gretchen Whitmer.

KEITH PHILLIPS, M.A. '98 (Arts and Letters), has launched reallINGUA, a language-learning startup that helps people learn to speak like a native-speaker. Phillips has developed an algorithmic cognitive processor rooted in empathetic benevolence and flow state learning principles. He and his team were recently awarded a startup grant to pursue a patent for a conversational AI designed specifically for language learning.

DANIEL HODGES, '99 (Engineering), reached the finals of a global engineering competition sponsored by Siemens to address the United Nations Sustainability development goals around clean water. Hodges' entry utilized a wind-powered vacuum distillation system to help water-stressed coastal small families around the world.

JEFF LOBBEZOO, '99 (Business), has joined CIBC Bank USA as managing director and group head to lead the bank's newly formed Environmental Services Group.

MICHELLE ST. OURS, '99 (Business), was recently announced as a partner for Plante Moran, a leading accounting, tax and consulting firm. St. Ours is based in the firm's Chicago office. As the leader of the bank tax practice in Chicago, St. Ours works closely with the firm's clients to understand their businesses, help them become tax efficient and assist them with their long-term goals.

ERICA WILLARD, '99, M.A. '07 (Both in Social Science), has earned the Certified Association Executive (CAE) designation from the American Society of Association Executives. The CAE is the highest professional credential in the association industry; applicants must have experience with nonprofit organization management and complete a minimum of 100 hours of specialized professional development. Willard is the executive director of the Michigan Association for the Education of Young Children.

2000s

ELISSA GARTENBERG, D.O. '02 (Osteopathic Medicine), was appointed to the Arizona Valley Leadership COVID-19 task force as a frontline health care adviser. Gartenberg is the CMO and owner of Modern Family Medicine in Scottsdale, AZ.

MATTHEW HORNIK, '04 (Lyman Briggs), D.O. '09 (Osteopathic Medicine), has been named president of the Michigan Chapter of the American Academy of Pediatrics. He will serve his term from 2020–2022.

BRANDON FIELDS, '06 (Education), has received a 20 Under 40 Leadership Recognition Award from the 20 Under 40 Toledo organization. Fields is the owner of Inside the Five Brewing Company and co-founder of the

Brandon and Katie Fields Youth Fitness Fund. Fields was a four-year punter for the MSU Football Team before being drafted in 2007 by the Miami Dolphins.

DREW MILLER, (Social Science), has joined Korotkin Insurance Group, Inc. as an agent. Since retiring from playing professional hockey in 2018, the former Detroit Red Wing has worked as a licensed property and casualty insurance agent offering personal and commercial products to business owners and individuals.

BRIAN FOREST, '07 (Social Science) has launched Arboreal Communications, a communications firm specializing in messaging, writing and executive positioning. Previously, Forest was a longtime congressional leadership aide who served as chief speechwriter to Majority Leader Sen. Mitch McConnell and wrote for Minority Whip Sen. Jon Kyl.

LAUREN TUCKEY, '07 (Business), has joined BatesCarey LLP as an associate attorney. Tuckey is experienced in corporate litigation, with her practice concentrated in the litigation of product liability matters, as well as railroad liability, construction accidents and a variety of contract disputes. BatesCarey LLP is a nationally recognized insurance industry giant headquartered in Chicago, IL.

ANDREA K. STAVOE, '08 (Natural Science, Arts and Letters, Honors College), joined the faculty of the University of Texas Health Sciences Center at Houston, McGovern Medical School as assistant professor in the Department of Neurobiology and Anatomy.

BRIAN STONE, '09 (Business), recently joined the Southfield office of Jaffe Raitt Heuer & Weiss, P.C. as an associate

attorney in the firm's real estate group. Stone will primarily focus on commercial real estate transactions, including acquisitions, sales, financing and leasing of all types of real estate.

2010s

HUDSON PITTS, M.S. '13 (Business), was recently named associate director of communications firm RF Binder in New York, NY.

MEGAN SIDGE, '14, M.A. '16 (Both in Education), was honored as the 2020 Educator of the Year by the Michigan Lottery's Excellence in Education Program. Sidge is the first teacher that specializes in teaching children with autism to receive this award. Sidge works at Hickory Woods Elementary School in Novi, MI.

THEODORE BURYE, Ph.D. '15 (Engineering), recently published a paper titled "Effect of PEM fuel cell exhaust water conductivity on catalyst degradation using thermal degradation resistant polymer membranes" in the peer-reviewed International Journal of Hydrogen Energy.

ANDREW ADENIYI, M.S. '19 (Business), recently published "The Circle of Leadership: A Framework for Creating & Leveraging Culture," a hands-on approach towards understanding the power of culture and how leaders are responsible for harnessing it.

Submit a Class Note

SEND E-MAIL TO ALEX GILLESPIE:
gille115@msu.edu

ON THE WEB:
myalumni.msu.edu/classnotes

In Memoriam

When Twilight Silence Falls

1930s

ERNA L. (MCKENZIE) HASSELL, '38, of Houston, TX, Jul. 6, age 103

1940s

 **JEANE E. (HORNUNG) DRURY, '41**, of Lansing, May 10, age 102

CHARLES A. SAYRE, '41, of Haddonfield, NJ, Aug. 10, age 100

THEDA LICHTENFELT, '42, of Lapeer, Sep. 26, age 99

E. QUINN (SELMA) SCHOLES, '42, of Lakeland, FL, Jun. 13, age 99

HAROLD S. SOPER, '42, of Grand Rapids, Oct. 4, age 100

THEODORE ROSS, '43, of Myrtle Beach, SC, Aug. 25, age 102

JEAN (BULLARD) BURNETT, '44, of Okemos, Aug. 6, age 96

 **L. JEANNE (MACOMBER) CARGILL, '44**, of East Lansing, Sep. 11, age 98

LOLA J. (WELSH) GUGLIETTA, '44, of Mesa, AZ, Jul. 10, age 96

MARILYNN E. (GOODRICH) MACKSON, '44, of East Lansing, Aug. 30, age 98

HELENE G. (MCDAVID) HOOPER, '45, of Dallas, TX, Jul. 15, age 98

PRISCILLA O. COOK, '47, of Bellevue, WA, Jul. 7, age 94

JOAN L. (STUART) FRAKER, '47, of Alma, Sep. 3, age 95

DORIS J. (PICK) HUTTING, '47, of Circleville, KS, Jul. 5, age 95

JACK W. WILTZ, '47, of Ann Arbor, Jul. 6, age 98

ISABEL A. (STRIETER) FRANKLIN, '48, of Vancouver, WA, Jul. 3, age 98

GATHA J. (LEVERENCE) HARRIS, '48, of Burr Oak, Sep. 30, age 94

DUANE V. KNIEBES, '48, of Boulder, CO, Oct. 1, age 94

JOYCE J. (WAGONER) KUTSCHE, '48, of Louisa, VA, Jul. 31, age 93

DUNCAN G. LEITCH, '48, of Indianola, IA, Aug. 3, age 97

JOHN L. LOCKWOOD, '48, of Grand Rapids, Aug. 21, age 96

DONALD W. SICKLESTEEL, '48, of Southern Pines, NC, Jul. 5, age 95

MARGARET J. (DRAPER) TUTT, '48, of Austin, TX, Jul. 21, age 93

LEOTA D. (KOHSMAN) WIDMAYER, '48, of Marshall, Jul. 30, age 93

JOHN C. BULLOCK JR., '49, of Fairport, NY, Oct. 5, age 94

DEVERN A. CHUBB, '49, of Lansing, Aug. 20, age 92

MARY M. (KING) CLARK, '49, of Battle Creek, Sep. 28, age 92

 **MARY JANE P. DOCKERAY, '49**, of Grand Rapids, Aug. 18, age 93

 **GARL L. HALE, '49**, of Libby, MT, Apr. 5, age 93

JOAN L. (TYNDALL) HAMANN, '49, of Grand Rapids, Aug. 21, age 93

ROBERT J. HAMILL, '49, of Grand Ledge, Aug. 23, age 98

NANCY E. (RUDY) KIEFER, '49, of Charlotte, NC, Jun. 9, age 93

PHILIP J. KREGOR JR., '49, of Louisville, KY, Sep. 26, age 97

JEAN (DOHERTY) MAIVILLE, '49, of Chelsea, Jul. 16, age 92

JAMES A. MARKLEY JR., '49, of Cincinnati, OH, Sep. 24, age 99

RICHARD C. MEISSNER, '49, of Ludington, Jul. 26, age 96

DORIS M. (MINKS) PRENZLER, '49, of Bloomington, IL, Sep. 12, age 93

PHYLLIS R. (CAREY) RULE, '49, of Haslett, Aug. 5, age 91

FRED K. WELLING, '49, of Grand Rapids, Jul. 1, age 96

1950s

JAMES E. ANDERSON, '50, of Niles, Sep. 10, age 93

ROBERT W. BLOHM, '50, of Clinton Township, Feb. 7, age 94

RICHARD J. CROSBY, '50, of Rockford, IL, Sep. 14, age 92

 **JOSEPH E. DICKINSON, '50**, of Bradenton, FL, Aug. 5, age 93

MILTON B. DOBKIN, '50, of Concord, CA, Sep. 5, age 95

JOSEPH FONTANA JR., '50, of Grand Haven, Jul. 1, age 97

ROGER H. KRUM, '50, of Newaygo, Jul. 28, age 93

WANDA V. LAWRENCE, '50, of Salinas, CA, Jun. 20, age 92

FRANCIS M. MACMILLAN, '50, of Bay City, Jul. 3, age 91

FRED W. NOLLER, '50, of Muscatine, IA, Jul. 30, age 94

ANN (KORBAKIS) PAPPAS, '50, of Portland, OR, Sep. 14, age 91

ELAINE H. (SOMMERS) RICH, '50, of Bluffton, OH, Sep. 27, age 94

ELDONA M. (CRONKRIGHT) SEEGER, '50, of DeWitt, Aug. 29, age 91

WILLIAM S. SPIEGEL JR., '50, of Milton, FL, Jun. 27, age 95

MARVIN R. SWANSON, '50, of Jackson, Sep. 6, age 93

KAREL G. TOLL, '50, of Glen Mills, PA, Sep. 27, age 96

ROBERT A. BENSON, '51, of Belmont, Sep. 15, age 91

CHARLES A. CASSELL, '51, of Mount Vernon, OH, Aug. 14


RALF A. CROOKSTON JR., '51, of Troy, Sep. 6, age 94

MARVIN M. DRAKE, '51, of Jackson, Aug. 5, age 96

JOHN P. FOGLIO, '51, of East Lansing, Oct. 5, age 91

KAY A. (COGSWELL) GALLUP, '51, of East Lansing, Sep. 29, age 90

LELAND E. JOLGREN, '51, of Plymouth, Aug. 13, age 91

 **RICHARD H. KRAFT, '51**, of Chelsea, Sep. 25, age 91

JEAN E. (SPRINGBORG) LOCKWOOD, '51, of Grand Rapids, Aug. 19, age 90

EDWARD G. MCKINLEY, '51, of Livonia, Sep. 28, age 92

DOROTHY M. (GETTEL) PARKS, '51, of Port Austin, Sep. 1, age 90

THOMAS K. PEMBLETON, '51, of Encinitas, CA, Aug. 9, age 92

ROBERT B. PIERSON, '51, of Lake Elmo, MN, Aug. 6, age 90

BONNIE M. RUCKER, '51, of Pinonhills, CA, Aug. 25, age 90

PAULINE L. (STEINMETZ) ARTHURS, '52, of Trenton, Jul. 7, age 90

JOHN J. BONDARENKO, '52, of Holt, Jul. 2, age 95

ARTHUR D. CRONIN, '52, of Fraser, Aug. 19, age 89

JAMES E. GRIFFIN, '52, of Grand Rapids, Sep. 14, age 92

MARCIA J. (MOORE) HESKETT, '52, of Fort Wayne, IN, Jun. 30, age 89

CARL V. JOHNSON JR., '52, of Springdale, AR, Aug. 15, age 89

JANET R. (BUTTERFIELD) JOHNSTON, '52, of Mount Pleasant, Jul. 2, age 90

REUBEN KAARRE, '52, of Grand Rapids, Aug. 4, age 94

ROGER C. MARKELL, '52, of Midland, Jul. 11, age 94

IN MEMORIAM

DONALD W. METIVIER, '52, of Bishop, CA, Aug. 9, age 92

MARY E. (PEARSE) RAY, '52, of Beverly Hills

GEORGE B. SHERMAN, '52, of Grand Rapids, Jul. 5, age 90

JOAN (PATTEN) STADLER, '52, of Urbana, OH, Oct. 1, age 89

VIRGINIA L. (BRISTOL) VAHLBUSCH, '52, of Chippewa Falls, WI, Sep. 1, age 91

ELBERT E. ANDERSON, '53, of Grosse Ile

 **NORMAN A. BARKELEY, '53**, of Rancho Mirage, CA, Sep. 23, age 90

NORMAN BERKOWITZ, '53, of East Lansing, Aug. 3, age 99

NANCY L. (CROSSMAN) COATES, '53, of East Lansing, Sep. 11, age 89

DONALD J. GERRIE, '53, of Sault Sainte Marie, Jul. 18, age 92

ROBERTA J. (HENDERSON) GIBBONEY, '53, of Carmel, IN, Sep. 2, age 90

NANCY L. (TEETERS) GREENING, '53, of Alma, Jul. 3, age 89

ALLEN A. HAMARI, '53, of Saint Paul, MN, Jun. 30, age 91

BENJAMIN E. HAMILTON, '53, of Lansing, Jul. 28, age 99

PATRICIA L. HASLAM, '53, of Stowe, VT, Jul. 7, age 89

EDWIN R. LABUZ, '53, of Central Lake, Jun. 23, age 90

THEODORE C. LARSON, '53, of Lindale, TX

DALE M. LEWIS, '53, of South Haven, Sep. 5, age 89

ANN (MORGAN) LOCKWOOD, '53, of West Bloomfield, Aug. 23, age 89

 **J. MARILYN MARSHALL ADDY, '53**, of Austin, TX, Sep. 7, age 90

RICHARD H. NORTHEY, '53, of Duluth, MN, Jul. 9, age 91

RICHARD L. PALMER, '53, of Eleva, WI, Jul. 13, age 90

MARVIN F. RUSH, '53, of Waxahachie, TX, Jul. 26, age 89

LAWRENCE W. STEBBINS, '53, of Spring Lake, Sep. 12, age 89


ELVIN E. TUTTLE, '53, of Lansing, Aug. 2, age 91

DONALD M. WALLIS, '53, of Rudyard, Jul. 15, age 89

CORADO P. AGRESTI, '54, of East Brunswick, NJ, Jul. 9, age 89

DAVID A. BALLENTINE, '54, of Marco Island, FL, Sep. 9, age 91

HERMAN BERG, '54, of Holmdel, NJ, Jul. 11, age 88

 **BARBARA J. (STROBEL) BLOCK, '54**, of Orange, CA, Aug. 11, age 88

CAROL L. (GOLDSWORD) CARRAN, '54, of Willoughby, OH, Jun. 28, age 88

NADINE A. (LOCKRIDGE) CRANE, '54, of Flushing, Jul. 22, age 88

CURTIS J. EATON, '54, of Mason, Mar. 31, age 87

RUSSELL G. GEEN, '54, of Columbia, MO, Jun. 5, age 88

EDWARD A. GERMAN, '54, of Raymore, MO, Jul. 1, age 94

FORD E. LONGENDYKE, '54, of Williamston, Sep. 27, age 93

ROBERT E. PRYOR, '54, of Manistique, Jul. 29, age 87

PAUL S. RICHARDS, '54, of Bridgman, Aug. 4, age 90

KENNETH A. ROBAR, '54, of Grand Junction, CO, Mar. 4, age 88

JOHN E. SCOTT, '54, of Vero Beach, FL, Oct. 2, age 88

DELBERT G. SEPPANEN, '54, of Phoenix, AZ, Jul. 30, age 93

NANCY L. (MIDDLETON) SIMANEK, '54, of Novi, Jul. 4, age 87

JOHN D. WITHROW JR., '54, of West Bloomfield, Aug. 28, age 88

JOSEPH A. BEERBOWER, '55, of Millsboro, DE, Sep. 27, age 88

SAMUEL BORNSTEIN, '55, of Novi, Jul. 30, age 91

JANE P. CHILD, '55, of Clearwater, FL, Apr. 18, age 87

CAROL J. (REAMS) GAMELIN, '55, of Kewadin, Aug. 15, age 87

JAMES W. KENNEDY, '55, of Okemos, Jul. 11, age 87

DEAN E. LIDGARD, '55, of Grass Lake, Aug. 11, age 87

THOMAS B. MCNALLY SR., '55, of Flushing, Jul. 3, age 86

LOWELL D. OWENS, '55, of Greenbelt, MD, Jun. 29, age 89

MARY H. POTCHEN, '55, of Saint Charles, MO, Aug. 22, age 87

JACQUELINE A. (MCKINNEY) RUITER, '55, of Spring Lake, Oct. 5, age 87

JANET M. SMITH, '55, of Eagle, Mar. 17, age 87

ROBERT M. STEDER, '55, of Denver, CO, May 10, age 87

J. RAYMOND STEINBACH, '55, of Chelsea, Sep. 25, age 86

WALTER W. TURNER, '55, of Kalamazoo, Jul. 4, age 87

DONALD H. VOLZ, '55, of Thousand Oaks, CA, Sep. 30, age 87

CAROL J. (HOWARTH) WATSON, '55, of Traverse City, Jun. 18, age 86

NANCY J. (NOBLE) ALLEN, '56, of North Kingstown, RI, Sep. 8, age 86

GEORGE E. ANDERSON, '56, of Lansing, Sep. 19, age 93

JOHN C. BAILEY, '56, of Tallahassee, FL, Sep. 24, age 85

ERNEST L. BERGMAN, '56, of State College, PA, Aug. 15, age 98

JEANNE B. (BRUMBAUGH) BEURKET, '56, of Milford, OH, Jul. 18, age 86

NANCY E. (NEELANDS) CALKINS, '56, of Jackson, Jun. 15, age 86

PAUL K. ECHLIN, '56, of Fort Wayne, IN, Jul. 25, age 91

NANCY A. (ROLLIN) FOSS, '56, of Oscoda, Aug. 16, age 86

GEORGE A. FOX, '56, of Lansing, Aug. 30, age 87

WALTER R. HARTHUN, '56, of Bear Lake, Jul. 19, age 85

GEORGE F. HEINE JR., '56, of Madison, WI, Sep. 17, age 86

 **H. HUGH HICKOK, '56**, of Okemos, Aug. 16, age 94

FREDERICK N. HODGE, '56, of Oak Brook, IL, Aug. 28, age 86

JAMES A. KENNELLEY, '56, of Jupiter, FL, Jun. 21, age 91

GLORIA A. (LEAVENS) KRIEWEALL, '56, of Saginaw, Apr. 9, age 85

HELEN Y. MCGLONE, '56, of Saginaw, Jul. 17, age 87

DOMENICK J. PARADISE, '56, of Seneca Falls, NY, Sep. 24, age 89

EDWARD D. STEPHENSON, '56, of Midland, Aug. 30, age 90

CAROL E. (WAHLBERG) WARD, '56, of Brimley, Jul. 6, age 89

STEPHEN A. WASSER, '56, of Lauderhill, FL, Sep. 7, age 86

HARLEY J. ADAIR, '57, Sep. 17, age 88

FE C. (GADDI) ANSELMO, '57, of Lansing, Jul. 20, age 91

KENNETH L. BASKIN, '57, of North Olmsted, OH, Aug. 26, age 90

DONALD M. BLACKBURN SR., '57, of San Antonio, TX, Jul. 27, age 85

RAYMOND S. CORWIN, '57, of West Linn, OR, Jul. 19, age 87

WILLARD J. HAAK, '57, of Kalamazoo, Sep. 29, age 91

KENNETH L. JOSEY, '57, of Hopkins, Sep. 28, age 92

JOHN S. KLASNER, '57, of Marquette, Jul. 15, age 85

FRANK J. KROPSCHOT, '57, of Hilton Head Island, SC, Aug. 7, age 87

HILDING L. LINDEROTH JR., '57, Aug. 3, age 85

GERALD F. LORIG, '57, of Sedona, AZ, Aug. 13, age 84

RODNEY J. MARZOLF, '57, of New Berlin, WI, Jul. 11, age 87

BRIAN W. MATTSON, '57, of Novato, CA, Jul. 18, age 84

PATRICIA A. (SPENCER) MURRAY, '57, of Bay City, Jun. 29, age 84

MARILYN M. (SPOHN) RANDOLPH, '57, of Fort Wayne, IN, Sep. 1, age 86

BARBARA B. (BEHRENS) ROSEN, '57, of New York, NY, Jul. 12, age 85

WILLIAM G. SCHAAR JR., '57, of DeWitt, Sep. 24, age 88

CURTIS M. WALKER, '57, of Minneapolis, MN, Jun. 18, age 85

THOMAS C. BERNHARDT, '58, of Kalamazoo, Sep. 10, age 87

DOLORES M. (FRAZIER) BRACKENBURY, '58, of Escanaba, Jun. 30, age 87

JAMES W. BUCHANAN, '58, of Philadelphia, PA, Jul. 20, age 85

BILL E. CITRON, '58, of Farmington Hills, May 9

CONSTANCE E. (MAPES) COLLINS, '58, of Yakima, WA, Aug. 31, age 83

WARREN L. COOK, '58, of Evans, GA, Sep. 26, age 87

HOWARD H. DRIGGS JR., '58, of Ottawa Hills, OH, Oct. 3, age 83

ROBERT D. FARLEY, '58, of Arvada, CO, Jul. 12, age 84

 **GAYLE G. GARDNER, '58**, of Longwood, FL, Aug. 7, age 84

JAMES E. GARSIDE, '58, of Melbourne, FL

JAMES E. GEISTERT, '58, of Livonia, Jul. 22, age 87

DARWYN S. HEPLER, '58, of Birmingham, Jul. 8, age 84

NORALEE A. (COBB) HOWE, '58, of Shelby Township, Sep. 8, age 84

GLENN H. KARDEL, '58, of Salinas, CA, Aug. 19, age 89

RAYMOND E. LATOWSKI, '58, of Battle Creek, Jul. 28, age 89

LOWELL N. LEWIS, '58, of El Sobrante, CA

HARLAN D. LINDEROTH, '58, of Stephenson, Jun. 30, age 83

NELSON E. LYKE, '58, of Marquette, Jul. 31, age 84

LOUIS W. MEARES, '58, of Sterling Heights, Jun. 28, age 84

FRANK L. NEMECHEK, '58, of Batavia, IL, Oct. 7, age 84

MARTIN B. POTTER, '58, of Grosse Pointe, Aug. 2, age 84

ALAN R. RAMSEY, '58, of Fort Collins, CO, Aug. 1, age 87

THOMAS F. RITTER, '58, of Alpena, Sep. 25, age 90

MARILYN H. (TYGE) SUTTON, '58, of Richfield, OH

DONALD D. WATHEN, '58, of Athens, Jun. 26, age 89

FRANK R. WILLIS, '58, of New Lenox, IL, Jul. 7, age 87

RONALD E. WOOD, '58, of Grayling, Aug. 6, age 88

WARREN W. WORTHLEY, '58, of Punta Gorda, FL, Sep. 1, age 85

DARLENE N. (MENDHAM) BULLERDICK, '59, of Bath, Aug. 26, age 83

DALE D. FRANCE, '59, of Cheboygan, Sep. 22, age 88

RAYMOND M. GUZIAK, '59, of Fruita, CO, Jul. 11, age 88

DONALD E. HELGERSON, '59, of Chili, WI, Oct. 7, age 92

CARL R. JANTZEN, '59, Aug. 29, age 89

BONNIE H. (HUNT) KEMPER, '59, of Wayland, May 28, age 83

ANN E. (PRIESTLEY) LARNER, '59, of Greenwood, IN, Oct. 11, age 82

FREDERICK A. LEAFGREN, '59, of Stevens Point, WI, Aug. 22, age 89

ROBERT T. MCDONALD, '59, of Fort Wayne, IN, Sep. 3, age 82

RAYMOND D. MODLIN, '59, of Tyler, TX, Jul. 22, age 87

ARVIN L. OLSON, '59, of Urbandale, IA, Aug. 1, age 83

MITCHEL B. PAUL, '59, of Kalamazoo, Jul. 2, age 82

LAFAYETTE W. RICHMOND, '59, of Fenton, Aug. 23, age 88

RONALD W. WALSH, '59, of Grand Ledge, Sep. 6, age 85

ROSALEE D. (PELTON) WING, '59, of Saginaw, Sep. 12, age 83

1960s

WILEY E. BEAN, '60, of Lansing, Jun. 29, age 84

ROBERT A. HARGER, '60, of Shrewsbury, MA, Sep. 9

PATRICIA L. (HAMM) HOOS, '60, of Bluffton, SC, Sep. 2, age 82

TAKASHI ITO, '60, of Hudson, OH, Sep. 9

ALTON E. KNOLL, '60, of Hillsdale, Aug. 19, age 89

JOHN A. LINDEN, '60, of Portage, Aug. 22, age 83

WAYNE A. MAGNAN, '60, of Hale, Jun. 27, age 84

KAREN F. (OLSON) MITCHELL, '60, of Traverse City, Aug. 12, age 83

WILLIAM E. MONTGOMERY, '60, of Naples, FL, Aug. 10, age 88

JOANN C. (PATRICK) ROSS, '60, of Owosso, Jul. 4, age 82

JOANNE M. (CASEY) SMITH, '60, of Kalamazoo, Aug. 26, age 82

ALDRED L. STEVENS, '60, of Albuquerque, NM

ROBERT C. WEIR, '60, of Lansing, Jul. 19, age 86

JACK E. WILLSEY, '60, of Arcadia, Sep. 9, age 84

ALVIN E. WITT, '60, of West Chester, PA, Sep. 14, age 82

JAMES C. WOODBREY, '60, of Green Valley, AZ, Sep. 29, age 85

JOSEPH A. ZAMBRANO, '60, of The Villages, FL, Jul. 16, age 85

ROBERT E. BACON, '61, of Beulah, Jul. 4, age 83

EDWARD C. BARTZ JR., '61, of Troy, Oct. 8, age 83

SUSAN J. (LAYTON) BROWN, '61, of Punta Gorda, FL, Jul. 2, age 82


CHARLENE P. CARR, '61, of Forsyth, GA

WILLIAM T. FIELD, '61, of Grand Haven, Aug. 31, age 80

GERALD T. GEOUQUE, '61, of Sebring, FL, May 20, age 82

BARBARA R. HAYES, '61, of Buffalo, NY, May 2, age 80

ROSS M. HINES, '61, of Gloucester, VA, Aug. 4, age 86

 **DANIEL D. MAHANEY, '61**, of Leland, Jul. 2, age 89

JACK K. MCKINDLEY, '61, of Grand Rapids, Aug. 22, age 95

BARBARA J. (GARRETT) NICHOLS, '61, of Wilsonville, OR, Sep. 2, age 81

DANIEL E. PEARSON, '61, of Byron Center, Aug. 11, age 80

MONROE C. PRUETZ, '61, of Liberty Township, OH, Sep. 27, age 82

JON H. RIEGER, '61, of Louisville, KY

DOUGLAS A. WAGNER, '61, of Brownsburg, IN, Sep. 28, age 82

THOMAS J. WILSON, '61, of Ypsilanti, Jul. 16, age 84

RICHARD M. ZAHN, '61, of Livingston, TX, Apr. 9, age 83

ROBERT F. BERGEON, '62, of Two Rivers, WI, Sep. 26, age 85

ELAINE H. (WRONSKI) BRZEZINSKI, '62, of Sylvania, OH, Jul. 20, age 81

WILLIAM J. CAPRATHE, '62, of Bay City, Aug. 15, age 81

WILLIAM L. COLE, '62, of Traverse City, Sep. 16, age 79

IN MEMORIAM

DONALD G. CORTER, '62, of Fredonia, NY, Jun. 23, age 79

NORMAN R. DANZIK, '62, of Sarasota, FL, Apr. 2, age 79

ROBERT L. DOLSEN JR., '62, of Saint Joseph, Aug. 26, age 85

 **CHARLES M. FORSTER, '62**, of Williamsburg, Aug. 28, age 86

MARVIN L. GOAD, '62, of DeWitt, Jul. 19, age 82

ARTHUR GOEMBEL, '62, of Austin, MN, Sep. 22, age 82

ANDREA D. (SANDRETTO) LANE, '62, of Ogden, UT, Sep. 21, age 80

PATRICIA L. LUKOMSKI, '62, of Henderson, NV, Jun. 27, age 80

BURR E. MCGRATH, '62, of Grand Rapids, Sep. 16, age 93

DAVID C. REYNOLDS, '62, of Whitehall, Aug. 20, age 80

ELEANOR L. (GARVIN) SKINNER, '62, of Punta Gorda, FL, Jun. 18, age 97

DONALD H. SLIDER, '62, of Noblesville, IN, Jul. 22, age 81

RAYMOND O. ANDERSON, '63, of Willow Street, PA, Jul. 16, age 97

JOHN F. BLONDIN, '63, of Grosse Pointe, Aug. 17, age 83

THOMAS J. BRADY, '63, of Pikeville, TN, Jul. 20

DIANE L. (WINKLER) BUEHLER, '63, of Holt, Mar. 17, age 78

JOHN J. BURNETT JR., '63, of Cave Creek, AZ, Jul. 15, age 81

GLORIA (MICHAELSON) DENNEN, '63, of Grand Rapids, Aug. 23, age 91

MALCOLM E. DUNHAM, '63, of Bonita Springs, FL, Sep. 3, age 91

CAROL L. (WOLVERTON) FRIDSMAN, '63, of Grand Rapids, Jul. 23, age 84

JOAN E. (PFEFFERLE) GEARY, '63, of Livonia, Aug. 18, age 79

DARYL W. GERWIN, '63, of Santa Cruz, CA, Aug. 10, age 88

JAKE GINGRICH, '63, of Gladwin, Sep. 6, age 82

KAREN M. (AHMANSBERGER) GRAVES, '63, of Norwich, CT, Aug. 4, age 78

JAMES W. HELD, '63, of Troy, Aug. 20, age 79

GERALD W. HOLLAND, '63, of Syracuse, IN, Jul. 22, age 80

WILLIAM E. KOENIG, '63, of Walla Walla, WA, Aug. 17, age 101

WILLIAM D. KOOISTRA, '63, of Grand Rapids, Sep. 3, age 88

GILBERT O. LINDERMAN, '63, of Carmel, CA, Jul. 18, age 83

CHARLES A. LORENSEN, '63, of Ironwood, Jun. 28, age 88

RICHARD C. MOLL, '63, of Longmont, CO, Jun. 14, age 80

RONALD R. MORRELL, '63, of Rhinelander, WI, Jun. 13, age 87

STANLEY R. ROSEN, '63, of Spring, TX, Jun. 24, age 80

MARGO A. (WELLS) STORK, '63, of East Lansing, Sep. 9, age 78

STEWART D. SWIHART II, '63, of Howe, IN, Aug. 19, age 79

THOMAS N. TUCKER, '63, of Kalispell, MT, Jul. 22, age 79

RICHARD H. WEAVER, '63, of Linden, Sep. 19, age 84

HAROLD C. BOLTON, '64, of Lake Forest, IL, Jun. 26, age 80

ALAN K. BORKENHAGEN, '64, of Hartsville, SC, Sep. 16, age 80

TERRY L. BURKE, '64, of Huron, OH, Jun. 20, age 77

GORDON R. CURREY, '64, of Potomac, MD, Sep. 24, age 79

JANE E. (PRIESTLEY) DURKEE, '64, of Vassar, Aug. 16, age 78

ANN I. (DARWE) ERIKSSON, '64, of Sumner, ME, Jul. 23, age 77

FORREST A. GEARY, '64, of Livonia, Sep. 18, age 78

DAVID A. HULLIBERGER, '64, of Irmo, SC, Sep. 7, age 81

EUGENE H. KILLAM, '64, of Mesquite, NM, Jul. 12, age 78

SANDRA L. LANGELAND, '64, of Fort Myers, FL, Jul. 6, age 79

MARTHA D. LOOMIS, '64, of Clovis, CA, Jun. 26, age 77

JAMES K. MCNIFF, '64, of Southern Pines, NC, Aug. 18, age 81

JOANN K. (MIZUTA) MISRA, '64, of Troy, Aug. 5, age 79

WILLIAM R. MORLEY, '64, of Laingsburg, Sep. 21, age 81

DEENA Y. (KRYMIS) ROOD, '64, of Auburn, KS, Jul. 31, age 78

DURELL W. SCOTT, '64, of Dundee, Jul. 22, age 79

JERRY C. SHERMAN, '64, of Saline, Jul. 30, age 84

MARGARET E. (MCKINLEY) SNELLING, '64, of Rockford, Aug. 12, age 86

BILL SWARTZ, '64, of Sarasota, FL, Aug. 8, age 80


 **MILLARD S. THOMSON, '64**, of Rumney, NH, Jun. 11, age 101

ELIZABETH C. (MOSIER) VANLIERE, '64, of Bainbridge Island, WA, May 27, age 79

ANTONIO S. VILLANUEVA, '64, of Jackson, Aug. 12, age 89

KAREN L. (GOOD) BERQUIST, '65, of Palm Beach Gardens, FL, Aug. 20, age 77

ROBERT H. BISSOT, '65, of Ossineke, Sep. 18, age 88

 **SHARON M. (ENSFIELD) BUURSMA, '65**, of Grand Rapids, Aug. 9, age 77

LAWRENCE A. CARNCROSS, '65, of Clare, Jul. 10, age 77

PAUL N. COOK, '65, of Jackson, Jun. 30, age 89

NEVILLE J. DOHERTY, '65, of Harwinton, CT, Aug. 24, age 85

CAROL A. (NEMODE) DOYLE, '65, of Bay City, Jun. 20, age 77

JOSEPH ERVIN, '65, of Washington Island, WI, May 31, age 77

BARBARA J. (SCHELL) GIBSON, '65, of Waterford, Oct. 11, age 89

LEE W. GLUCKMAN JR., '65, of Redondo Beach, CA, Aug. 17

SUSAN M. (RUBIN) HARWOOD, '65, Jul. 20, age 76

KAREN (KATZ) HOLMES, '65, of Tampa, FL, Aug. 10, age 76

JOHN V. KOCZMAN, '65, of Sarasota, FL, Aug. 3, age 91

ROBERT A. KOEGLER, '65, of Mound, MN, Jun. 21, age 76

NANCY A. MUCK, '65, Aug. 22, age 77


JOHN S. MURRAY, '65, of Champaign, IL, Jul. 17, age 86

WILLIAM D. NECKER, '65, of Kirkland, AZ

PAMELA D. (WOODS) OSBORNE, '65, of Haslett, Aug. 20, age 76

GEORGE H. PETRIDES SR., '65, of Glen Echo, MD, Mar. 6, age 77

DONALD L. ROSS, '65, of Duluth, GA, Sep. 24, age 77

 **MARY L. WOOD, '65**, of Ludington, Jul. 16, age 79

LAWRENCE W. ARCHAMBEAU, '66, of Sterling Heights, Sep. 13, age 76

ARTHUR S. AVERBOOK, '66, of Hollywood, FL, Jul. 2, age 76

JAMES R. BANDY, '66, of Troy, Jul. 13, age 76

DAVID W. BEAMER, '66, of Columbus, OH, Jul. 12, age 78

DAVID L. BOS, '66, of Hudsonville, Jun. 29, age 81

DOUGLAS A. GREINER, '66, of Findlay, OH, Aug. 2, age 78

MICHAEL W. GRIFFIN, '66, of Rockford, Jul. 4, age 75

 **KENNETH L. HARDING, '66**, of Lynnwood, WA, Jul. 24, age 92

RICHARD R. HARWOOD, '66, of Port Orchard, WA, Sep. 2, age 82

HAROLD W. HUBER, '66, of Tucson, AZ, Jul. 17, age 88

JAMES S. JACKSON, '66, of Ann Arbor, Sep. 1, age 76

FRANK R. LANGTON, '66, of Troy, May 28, age 86

DAYLENE M. LUMIS, '66, Sep. 26, age 76

MARY G. MATISE, '66, of Arlington, TX, Jul. 13, age 78

CLARE E. MORITZ, '66, of Grand Ledge, Sep. 30, age 75

EDWARD J. NAGORSKI, '66, of Southgate, Jun. 26, age 77

THOMAS G. PARACHINI, '66, of San Diego, CA, Aug. 24, age 76

 **SUSAN T. (LUZADER) POLK, '66**, of Merritt, NC, Aug. 21, age 76

RICHARD P. REID, '66, of Gregory, Oct. 5, age 75

RICHARD C. SIMKINS JR., '66, of Lowell, Jul. 29, age 77

SAMUEL L. SIMPSON, '66, of Royal Oak, May 5

CARL R. SWONK, '66, of Estero, FL, Jul. 13

EILEEN G. THOMPSON, '66, of Union Pier, Jun. 30, age 74

LARRESTINE A. (MCKANDERS) TRIMM, '66, of Chandler, AZ, Jun. 18, age 77

NEIL E. VANREGENMORTER, '66, of Holland, Sep. 12, age 76

LOIS E. (BREGGER) VERDONK, '66, of Bangor, Oct. 1, age 76

WILLIAM C. BOLTHOUSE, '67, of Fruitport, Aug. 19, age 75

RICHARD C. BRIEGEL, '67, of Spring Lake, Sep. 22, age 75

BETTY A. BURT, '67, Sep. 29, age 90

ANNE CENCI, '67, of Adrian, Sep. 10, age 86

WILLIAM G. HEGARTY, '67, of Norton Shores, Jul. 4, age 81

LAWRENCE O. JENICKE, '67, of Mount Pleasant, Sep. 20, age 76

DAVID H. KRAUSE, '67, of East Lansing, Aug. 18, age 75

JOHN W. LACINA, '67, of Saint Clair Shores, Jul. 25, age 89

BRUCE C. MONTGOMERY, '67, of Westminster, SC, Aug. 3, age 75

SUZANNE (SCHRAM) OSMER, '67, of Beverly Hills, Jun. 29, age 75

CHARLES S. RUFFING, '67, of Indianapolis, IN, May 10, age 99

ROBERT L. SCHAFER, '67, of Holt, Aug. 15, age 75

ROBERT R. SHAHAN, '67, of Lenexa, KS, Aug. 14, age 80

MICHAEL R. SHIER SR., '67, of Port Huron, Jun. 14, age 74

JEFFREY L. SPOON, '67, of Virginia Beach, VA, Jun. 30, age 74

CAROL L. (SOANISSE) WATSON, '67, of Northport, Sep. 29, age 75

JOYCE X. BOALER, '68, of South Bend, IN, Aug. 25, age 88

LAURA M. HENDERSON, '68, of Sierra Vista, AZ, Jul. 7, age 93

ROBERT M. HOUGHTON, '68, of Clio, Jul. 7, age 75

ROBERT L. HURWITZ, '68, of East Lansing, Sep. 15, age 77

ROBERT C. KAATZ, '68, of Wilmington, DE, Sep. 30, age 80

RICHARD F. MCCOY, '68, of Alexandria, KY, Sep. 2, age 80

JOHN D. NORTON, '68, of Port Orange, FL, Aug. 23, age 75

JAMES T. POWERS, '68, of Falls Church, VA, Aug. 6, age 76

MARGARET E. RINK, '68, of Chelsea, Jul. 28, age 98

 **STANLEY I. SOFFIN, '68**, of Grosse Pointe Farms, Jul. 9, age 78

CARL W. WEAVER, '68, of Hendersonville, NC, Sep. 24, age 74

MARGE L. (PHELPS) WIGODSKI, '68, of Southfield, Jul. 6, age 78

RICHARD D. WORTHING, '68, of Kent, OH, Jul. 1, age 77

BERKLEY B. BETTIS, '69, of Austin, TX, Jul. 30, age 74

VIRGINIA D. (DABNEY) BROWN, '69, of Houston, TX, Aug. 12, age 72

MICHAEL W. BUSEN, '69, of Carleton, Jul. 16, age 73

WILLIAM T. COULTER, '69, of Metamora, Aug. 6, age 73

KENT G. DAILEY, '69, of Reston, VA

JANE A. DIANICH, '69, of Wheat Ridge, CO, Jul. 25, age 72

LYMAN L. GAUL JR., '69, of Amherst, OH, Aug. 4, age 81

ROGER L. GLUMM, '69, of Lansing, Sep. 20, age 77

KRISTINE A. (VOTTA) HANEY, '69, of Jamaica Plain, MA, Jul. 28, age 73

JOHN S. KOUSIN, '69, of Ashburn, VA, Aug. 25, age 73

BRUCE A. MACK, '69, of Louisville, KY, Sep. 14, age 74

MARVIN M. MCCLAUGHLIN, '69, of Flushing, Sep. 5, age 87

STANLEY K. MORGAN, '69, of Dover, OH, Jul. 3, age 73

PETER A. MUMFORD, '69, of Batavia, NY, Jul. 5, age 73

GARVIN W. PATTERSON, '69, of Taos, NM, Jul. 11, age 72

ROBERT C. RABER, '69, of McKinney, TX, Sep. 6, age 74

RICHARD A. SMITH, '69, of Cherry Hill, NJ, Jul. 31, age 76

JAMES R. SNODY JR., '69, of Grand Rapids, Aug. 17, age 73

ELSA M. (RIIPI) STRAYER, '69, of Houghton, Jul. 18, age 73

LANE A. WILSON, '69, of Ortonville, Sep. 5

1970s

DAVID C. BERGMANN, '70, of Columbus, OH, Sep. 8, age 71

WELLINGTON R. BURT II, '70, of Ann Arbor, Aug. 20, age 72

NOEL G. CHRISTOFF, '70, of North Port, FL, Aug. 27, age 73

 **EVA L. (ALLMON) EVANS, '70**, of Lansing, Jul. 21, age 85

MARIE A. HANSEN, '70, of Lansing

GARY M. KLINGLER, '70, of Colorado Springs, CO, Aug. 14, age 72

PAUL F. KRAUSE, '70, of Spotsylvania, VA, Sep. 14, age 72

PETER L. LETAVEC, '70, of Philadelphia, PA

BRENDA J. (SHUCK) LUDWIG, '70, of Lansing, Jul. 30, age 71

RICHARD M. MIECZKOWSKI, '70, of White Lake, Jul. 10, age 72

MICHAEL L. MILLER, '70, of Williamsburg, VA, Jul. 31, age 72

VINCENT P. MILLER JR., '70, of New York, NY, Aug. 31, age 88

JANET L. PASHBY, '70, of Lansing, Sep. 22, age 72

DUANE D. PETTERSEN, '70, of Missoula, MT, May 14, age 81

MARY M. (MARTIN) SMITH, '70, of Garden, Jun. 23, age 79

THOMAS G. TARVIS, '70, of Saint Charles, IL, Jul. 10, age 72

ROBERT D. TEMMLER, '70, of Bloomfield, NJ, Sep. 14, age 79

EDWARD C. VARSA, '70, of Carbondale, IL, Jul. 8, age 81

JACQUELINE (EDWARDS) WOODS, '70, of Scottsdale, AZ, Jul. 27, age 72

BARBARA A. (TANNER) ATKINS, '71, of Bellaire, Jul. 22, age 71

 **RICHARD W. COBB, '71**, of Traverse City, Jul. 13, age 73

JAMES P. COLANDO, '71, of East Lansing, Aug. 11, age 77

STEVEN C. COMISKEY, '71, of Omaha, NE, Sep. 4, age 73

ROBERT J. DALEY, '71, of Saint Louis, Jul. 31, age 74

DIANNE F. GENTZ, '71, of Blissfield, Aug. 28, age 73

MICHAEL P. HANLEY, '71, of Galveston, TX, Sep. 10, age 71

CLAUDE M. HOLCOMB, '71, of Wyoming, Jun. 18, age 72

MARYKAY (LENTON) KIDLE, '71, of Dexter, Aug. 22, age 70

IN MEMORIAM

ROBERTA F. (FENWICK) LEAHEY, '71, of Oakton, VA, Jul. 5, age 79

GARY M. MCDOWALL, '71, of Ann Arbor, Aug. 3, age 74

LAURA (PARKS) METZGER, '71, of Union Grove, AL

 **SANDRA L. PECKENS, '71**, of Harbor Springs, Sep. 5, age 71

ELLEN C. PERRY, '71, of Bellefontaine, OH, Jul. 14, age 83

CHARLES N. ROTH, '71, of Mauston, WI, Jul. 20, age 84

JACK E. SCHMIDT, '71, of Petersburg, Sep. 23, age 70

NORMAN R. STERCHELE, '71, of Saginaw, Jun. 17, age 83

THOMAS E. WETLI, '71, of Defiance, OH, Aug. 23, age 77

MICHAEL J. YOCKEY, '71, of Canton, Aug. 1, age 71

CLIFFORD C. ANDERSON, '72, of Sparta, Sep. 29, age 70

ROSALIE (KACHUDAS) BARYAMES, '72, of Lansing, Jun. 1, age 95

YVONNE L. (PALMER) BROWN, '72, of Kalamazoo, Jul. 26, age 69

DENNIS BRYAN, '72, of New Franken, WI, Aug. 21, age 83

ROSEMARY A. (RUSSO) DZIKOWICZ, '72, of Jackson, Jul. 30, age 70

HOWARD V. HALE, '72, of Lakeland, FL, Aug. 6, age 97

LOUISE M. (GRIMM) HALL, '72, of Huron, OH, Jul. 26, age 77

ALLAN W. HOLODY, '72, of South Bend, IN, Jul. 25, age 70

BARBARA O. (HOFFMAN) HOSKIN, '72, of Macomb, Sep. 20, age 83

MARY L. JACKSON, '72, of Saginaw, Sep. 23, age 78

BRIAN M. JORDON, '72, of Littleton, CO, Jul. 2, age 69

MILAN J. REBAN, '72, of Richardson, TX, Sep. 13, age 86

SUSAN B. (DWYER) SAVAGE, '72, of Waterford, Sep. 30, age 70

DANIEL C. STRONG, '72, of Hoffman Estates, IL, Jul. 10, age 70

WENDY J. (ZABEL) WAKEMAN, '72, of Isanti, MN, Jun. 12, age 71

GERALD A. ANTVELINK, '73, of Pierson, Sep. 10, age 71

JOHN C. ARMSTRONG, '73, of Crystal Lake, IL, Aug. 25, age 69

DANNY R. BARBER, '73, of Lansing, Jul. 20, age 72

PATRICIA M. (SMITH) BAUER, '73, of Mattawan, Aug. 27, age 69

MICHAEL W. BRIEGER SR., '73, of Jackson, Sep. 13, age 77

JOHN F. HAGEN, '73, of Traverse City, Jul. 25, age 70

SAMUEL L. HAYDEN, '73, of Ligonier, PA, Jan. 22, age 77

KYLE D. HOAGLAND, '73, of Lincoln, NE, Aug. 12, age 69

BRIAN C. HOWARD, '73, of Medina, OH, Jul. 10, age 68

KAREN J. (LINDELL) MCCARDEL, '73, of Haslett, Sep. 14, age 79

JOHN L. SULLIVAN, '73, of Saint Louis, MO, Jul. 8, age 69

WILLIAM A. TOWNSEND, '73, of Lansing, Jun. 23, age 84

WAYNE L. BAKER, '74, of Manchester, Jul. 15, age 73

LEONARD G. BERKEY, '74, of Tacoma, WA, Aug. 3, age 73

JAMES J. BRENNAN, '74, of Emmett, Jul. 19, age 68

DAVID K. BUXTON, '74, of Haslett, Sep. 14, age 69

EDWIN P. DALLY, '74, of Chicago, IL, Aug. 1, age 70

ISAAC S. DOMBO, '74, of Royal Oak, Jul. 21, age 76

STEPHEN L. GAUTHIER, '74, of Oviedo, FL, Aug. 12, age 68

JAMES E. JAY, '74, of Lansing, Jul. 19, age 85

ROBERT J. KLEPPER, '74, of Traverse City

LORRAINE B. MILLER, '74, of Gladwin, Aug. 15, age 87

GRANT N. ROBINSON, '74, of Tucson, AZ, Jul. 27, age 73

RICHARD S. SUURMEYER, '74, of East Lansing, Aug. 13, age 68

PATRICK J. SWEET, '74, of Clarks Grove, MN, Sep. 29, age 78

JOHN T. TARRANT, '74, of Dalton, MA, Aug. 24, age 68

TENG-CHIN YANG, '74, of Okemos, Sep. 22, age 83

THOMAS H. ANDERSON, '75, of Sarasota, FL, Jun. 30, age 73

FRANCIS E. CAFFERTY, '75, of Allen Park, Jun. 19, age 85

CATHERINE E. COALE FRENCH, '75, of West Bloomfield, Jul. 24, age 67

BRUCE COURIM, '75, of Muskegon, Aug. 28, age 76

DENNIS L. EDWARDS, '75, of Burke, VA, Jun. 30, age 80

JAMES L. GERBACK, '75, of Troy, Jul. 3, age 66

GENE L. HALL, '75, of Eaton Rapids, Sep. 5, age 74

VIRGINIA M. LESINSKI, '75, of West Olive, Jul. 29, age 90

SI (MARDIGIAN) NAHRA, '75, of Plymouth, Aug. 21, age 70

GWYN A. NETHAWAY, '75, of Green Cove Springs, FL, Jun. 18, age 66

PENELOPE M. (ATKIN) THORNTON, '75, of Holt, Sep. 12, age 68

STANLEY VANAGUNAS, '75, of Tucson, AZ, Jun. 25, age 82

FRANCISCO A. ANTONELLI, '76, of Lapeer, Jul. 13, age 67

BRENT L. CONN, '76, of Evanston, IL, Jul. 4, age 67

 **GARY A. DAUGHERTY, '76**, of Palm Beach Gardens, FL, Sep. 20, age 66

MICHELE L. DEANGELIS, '76, of Erie, PA, Jul. 8, age 66

 **BETTY Z. DEL DIN, '76**, of East Lansing, Aug. 13, age 93

SCOTT B. DUBS, '76, of Rockwall, TX, Aug. 20, age 66

JOHN T. EANES, '76, of Brandon, FL, Sep. 8, age 78

THOMAS W. LYNCH, '76, of Clearwater, FL, Aug. 2, age 65

ALAN L. NALDRETT, '76, of Chesterfield, Sep. 2, age 67

ROGER J. PETERSON, '76, of Phoenix, AZ, Jul. 2, age 65

 **CYNTHIA L. POND, '76**, of Annapolis, MD, Mar. 10, age 64

WARREN D. SLOCUM, '76, of Ashland City, TN, Sep. 27, age 81

EDWARD D. SMENDZUIK, '76, of Birmingham, Jul. 19, age 67

MARY B. SPAYDE, '76, of Grand Rapids, Oct. 8, age 87

ERIC D. THOMPSON, '76, of Port Austin, Jul. 20, age 66

JOAN F. TROUTMAN, '76, of Bradenton, FL, Jul. 20, age 83

JEROME T. WEBER, '76, of Merritt Island, FL, Sep. 14, age 68

DONALD WOOLSON, '76, of FPO, AE, Jul. 2, age 75

PHILIP BARRIE, '77, of Lansing, Aug. 12, age 66

FRED DEWILDE JR., '77, of Holland, Jul. 3, age 66

MICHAEL J. HAMM, '77, of White Cloud, Sep. 13, age 66

JAMES W. HARTFORD, '77, of Lansing, Jul. 31, age 70

CHRIS N. JOHNSON, '77, of Cape Coral, FL, Mar. 29, age 64

SAIID MAHJOORY, '77, of Okemos, Sep. 23, age 81

VALENTINE R. MOSCARELLO, '77, of Baltimore, MD, Aug. 1, age 68

FRED G. PINKERMAN, '77, of Hollidaysburg, PA, Jul. 26, age 83

MARK A. SOKOLOFF, '77, of Port Huron, May 24, age 75

LINDA K. STEWART, '77, of Escanaba, Jul. 18, age 65

MARJORIE A. (JAMES) STRAHLE, '77, of Fenton, Jul. 25, age 65

RANDALL J. TELMAN, '77, of Grand Rapids, Jan. 8, age 73

JOHN R. WALLACE, '77, of Dayton, OH, Aug. 3, age 64

BARRY M. WRIGHT, '77, of Grand Ledge, Sep. 9, age 71

HOWARD G. GIESE, '78, of Williamston, Aug. 18, age 63

LEE M. HAMILTON, '78, of Van Nuys, CA

STEPHEN C. LADA, '78, of Shepherd, May 30, age 75

PATRICIA L. LAMARCHE PREWIT, '78, of Silver City, NM, Jun. 30, age 66

SALLY M. LAWSON, '78, Aug. 1, age 63

NICHOLAS E. MANIKAS, '78, of Grosse Pointe Park, Sep. 22, age 64

CECELIA M. NUOFFER, '78, of Gladwin, Jun. 22, age 70

RAYMOND J. ROUGHT, '78, of Forest Lake, MN, Jul. 6, age 72

JEFFREY R. SIMS, '78, of Franklin, TN, Aug. 23, age 69

MARK D. BLAYLOCK, '79, of Waterford, Aug. 1, age 68

LIZABETH A. (FOX) BROTT, '79, of Lansing, Jul. 20, age 62

KEVIN T. DOWD, '79, of Troy, NY, Aug. 10, age 66

SUSAN H. HARDING, '79, of Lynnwood, WA

WILLIAM C. HEIL, '79, of Angola, IN, Sep. 16, age 65

PATRICIA LAUDERDALE BELL, '79, of Ann Arbor, Apr. 19, age 89

DEWAIN H. MOLTER, '79, of Flint, Mar. 20, age 85

WILLIAM P. ROBINSON, '79, of Columbus, OH, Sep. 8, age 63

1980s

JOY E. CANON, '80, of Calumet, OK, Aug. 25, age 88

KIPLING P. COGGINS, '80, of Albuquerque, NM, Sep. 1, age 63

DAVID L. DUBUC, '80, of Lansing,)Sep. 30, age 78

THOMAS H. HACKBARDT, '80, of Sand Lake, Jul. 25, age 61

GRACE M. HAGGART, '80, of Lakeview, AR, Aug. 14, age 66

THOMAS A. HENDRICKSON, '80, of Auburn, WA, Feb. 11, age 75

STEPHEN G. POLITOWICZ, '80, of Woodland Hills, CA, May 27, age 64

STEPHEN RUSSO, '80, of Franklin, VA, Jul. 29, age 63

SUSAN L. (URWILLER) VAFIEROPOLUS, '80, of Bloomfield Hills, Aug. 8, age 62

THOMAS A. ZIELINSKI, '80, of Columbus, OH, Aug. 17, age 62

ROGER J. BOETTCHER, '81, of Virginia Beach, VA, Sep. 17, age 65

MATTHEW CZERNIAK, '81, of Spring, TX, Jun. 28, age 65

JOEL P. GILCREST, '81, of Holland, Aug. 17, age 64

RICHARD C. HORAN, '81, of Saint Clair Shores, Mar. 24, age 85

KERRY A. QUAST, '81, of Mogadore, OH, Aug. 14, age 60

RICHARD V. ROUSH, '81, of New Carlisle, IN, Sep. 13, age 66

DENNIS M. AINHORN, '82, of Rochester, Aug. 29, age 65

LAURIE A. DAHLSTROM, '82, of Grand Rapids, Sep. 21, age 61

WILLIAM J. GRIBB, '82, of Laramie, WY, Jul. 12, age 72

NANCY E. LEE, '82, of Holt, Jul. 16, age 62

DENNIS J. LOUWERS, '82, of Wiscasset, ME, Oct. 9, age 60

JAYNE E. MACKOWIAK, '82, of Gladstone, Jul. 22, age 61

DANIEL L. PATERNOSTER, '82, of Fowlerville, Jul. 1, age 63

VERITIAN T. RIDDLE, '82, of Derwood, MD, Jul. 18, age 60

JOANN B. SPENCER, '82, of Rodney, Jul. 21, age 71

CARRIE L. CLICKARD, '83, of Gainesville, FL, Jun. 10, age 58

GERALD L. GOLDBERG, '83, of Farmington, Apr. 4, age 92

JOHN T. HRUBY, '83, of Fremont, Jul. 8, age 59

GAIL V. RILEY, '83, of Charlotte, Jul. 17, age 81

VALENTINE J. TEMROWSKI JR., '83, of Grosse Pointe Park, Jun. 16

PATRICIA A. BANDONI, '84, of Sunrise, FL, Sep. 13, age 59

CYNTHIA E. (PRIMES) HEARD, '84, of Lansing, Aug. 23, age 73

STEPHEN M. STORM, '84, of Richboro, PA

JEFFREY R. COVAL, '85, of Troy, Apr. 2, age 65

PATRICK J. VOISINE, '85, of Huntington Woods, Aug. 7, age 58

GLENN GRAHAM, '86, of Lansing, Jul. 9, age 82

STEVEN J. KIEL, '86, of Colorado Springs, CO, Jul. 29, age 63

JOSEPH P. MURRAY, '86, of Parker, CO, Aug. 27, age 58

RICKEY L. WEDEKING, '86, of Kalamazoo, Sep. 30, age 58

MARJORIE J. (FRISCH) LIPPE, '87, of Harrison, Aug. 28, age 75

RICHARD L. SUTTERFIELD, '87, of Otsego, Aug. 11, age 55

GINA L. (GUGLIOTTA) WALLS, '87, of La Porte, IN, Sep. 25, age 55

TIMOTHY P. BAY, '88, of East Lansing, Sep. 24, age 64

DEBORAH E. GREEN, '88, of Ann Arbor, Aug. 17

DAVID P. KNECHTGES, '88, of Northville, Jun. 22, age 55

GREGORY H. MONTGOMERY JR., '88, of East Lansing, Aug. 23, age 55

BRANDON E. BORN, '89, of Wyoming, Jul. 5, age 54

REBECCA L. (BRANDT) CUBR, '89, of Fenton, Jul. 12, age 54

JOHN E. MCCARTHY, '89, of Canton, Jul. 1

MARK A. MOFFET, '89, of Chapel Hill, NC, Jun. 30, age 56

1990s

PAUL D. MATZAT, '90, of Westerville, OH, Aug. 18, age 65

BARRY M. WILLIAMS, '90, of Rock Hill, SC, Sep. 3, age 65

KERRY D. BOYD, '91, of Traverse City, Jul. 4, age 73

FRED M. ROSENFELD, '91, of State College, PA, Jul. 15, age 52

MICHAEL J. SCHMITZ, '91, of DeWitt, Jul. 27, age 51

TERESA J. WEAVER, '91, of Eaton Rapids, Jun. 27, age 70

KIMBERLY J. BANKHEAD, '92, of Ypsilanti, Oct. 3, age 50

GEMETTE R. REID, '92, of Milton, MA, Jun. 9, age 76

KIMBERLY A. GIBBS, '93, of Royal Oak, Aug. 20, age 48

KEITH S. GRANT, '93, of Middletown, CT, Aug. 21, age 50

BRADLEY A. SACHS, '93, of Toledo, OH, Aug. 24, age 49

LYNNE C. BEEBE, '95, Sep. 26, age 81

JAY D. MEETZE, '95, of New York, NY

SHARI K. MURGITTROYD, '95, of East Lansing, Aug. 23, age 52

JAMES F. QUINN, '95, of Berkley, Jul. 25, age 47

BRAD P. GRIFFITH, '96, of Rochester, Jun. 17, age 46

ALYSSA T. STROUP, '96, of Spartanburg, SC, Aug. 25, age 46

IN MEMORIAM

SCOTT A. NEDOFF, '98, of Frankenmuth, Aug. 1, age 48

DENNIS W. SMITH, '98, Aug. 7, age 75

2000s

BRIAN K. KOPENSKI, '00, of Wyoming, Jul. 8, age 48

ERIN M. (WARE) FALLUCCA, '01, of Birmingham, Aug. 11, age 41

MICHAEL J. HURLEY, '02, of Norton Shores, Jul. 8, age 41

CHARLES R. STCYR, '02, of Fort Wayne, IN, Aug. 20, age 75

SANDRA L. AMOS, '05, of Williamsburg, Jul. 14, age 61

ELIZABETH F. BRODERICK, '05, of Holland, Jul. 17, age 61

ANGELA V. LAWLESS, '09, of Bradenton, FL, Aug. 27, age 54

2010s

HAROLD BRANDSDORFER, '14, of Lansing, Jul. 18, age 66

ROBERT N. COFFEY JR., '14, of Ann Arbor, Jul. 12, age 48

SARA M. GALBREATH, '14, of Sturgis, Jul. 10, age 36

MATTHEW J. HANSEN, '15, of Haslett, Sep. 11, age 33

EVERETT W. HEATH, '16, of Durand, Mar. 26, age 62

2020s

JOSHUA R. JARVIS, '20, of Stockbridge, Jun. 29, age 21

Faculty/ Staff

NORMA J. AVELLEYRA, of Saint Petersburg, FL, Jun. 26, age 87

GLORIA J. BAIRD, of Grand Ledge, Aug. 2, age 79

 **J. ROY BLACK**, of Okemos, Jun. 27, age 78

HENRY E. BREDECK, of Wilmington, NC, Sep. 5, age 92

BRADLEY A. BULL, of Holt, Aug. 21, age 49

AGNES M. CHATTERJEE, of East Lansing, May 29, age 82

JACQUELYN J. CHURCH, of Roscommon, Sep. 24, age 83

WILMA J. COOK, of Bath, Aug. 1, age 89

GLADYS A. COURTNEY, of Jonesborough, TN, Jul. 25, age 90

KAREN M. DEFORD, of Lansing, Jun. 28, age 64

 **LEROY DUGAN JR.**, of East Lansing, Sep. 7, age 105

BETTY M. FAULKNER, of Lansing, May 31, age 62

BINNA M. GANT, of East Lansing, Aug. 19, age 87

DAVID E. GHANNAM, of Lansing, Jul. 6, age 59

PEGGY J. GONSER, of Lansing, Sep. 21, age 79

ROBERT N. HAMMER, of East Lansing, Sep. 14, age 95

JAY H. JONES, of Traverse City, Sep. 6, age 59

FRANCES N. KANEENE, of East Lansing, Aug. 6, age 66

KENNETH D. KING, of Mason, Jun. 30, age 73

JOHN KLOSWICK, of East Lansing, Oct. 5, age 76

 **PHILIP C. MCGUIRE**, of East Lansing, Sep. 2, age 80

GEORGE A. MCLACHLAN, of Evart, Oct. 3, age 91

DOROTHY MCMEEKIN, of East Lansing, Jun. 26, age 88

MARK M. MEERSCHAERT, of Seattle, WA, Aug. 29, age 65

DEREK L. NAHABEDIAN, of Linden, Jul. 2, age 57

LAURA SANCHEZ, of Norton Shores, Jul. 18, age 33

ROBERT R. STEWART, of Holt, May 16, age 76

DIANE KAY VENZKE, of Lansing

ROBERT K. WEN, of Sunnyvale, CA, Aug. 3, age 92

Submit an Obituary

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COMMUNICATION WITHIN THE
SCIENTIFIC COMMUNITY"
- GRACE BELTOWSKI



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Through the College of Arts & Letters Citizen Scholars program, Grace Beltowski, '20, used her scholarship for a study abroad program in environmental communications.

She spent a month in Peru learning about different environmental issues such as illegal mining, deforestation and global warming. She also learned about the various communication measures that support positive discussion on these issues. The experience prepared her for the next step in her academic career—an internship as a writer with MSU's W.K. Kellogg Biological Station.

The Collier family supports the initiative by saying: "We are proud of the institution that educated us and we're willing to give back so that future generations can have a wonderful experience as well."

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