LEARNING THROUGH A LENS

Faculty, students creatively adapt to distance learning
READY TO SERVE

Despite mounting uncertainty, nursing students say they're ready to join the ranks of health care workers fighting COVID-19.

READ MORE ONLINE
Unique Collection
The University Libraries is offering students a glimpse inside the minds of southwest Michigan authors David Small and Sarah Stewart through their working archive, complete with drafts, original art, unpublished works and journals.

Dreamers of Tomorrow
Students at the Richmond Institute for Design and Innovation are developing modes of transportation and exploration for the future.

Something to Chirp About
An associate professor of biological sciences and doctoral student share basic birding tips to novices looking to get back to nature during quarantine.

Taking Flight
A new partnership with United Airlines is putting aviation students on the fast track for life in the sky, offering enhanced training even in spite of COVID-19.

Community Collaborations
In recognition of 1.34 million public service hours served on campus and throughout the world, WMU has received the 2020 Carnegie Community Engagement Classification.

Charging into the Future
The College of Engineering and Applied Sciences is receiving new funds to create more cost-effective, fast-charging and high-energy lithium-ion batteries in the name of environmental sustainability.

Figures of Speech
With his career on the brink, news anchor Andrew Dominianni turns to a longtime WMU master faculty specialist to find his voice again.

Given an inconceivable task and limited time to accomplish it, the WMU community is finding ways to thrive while teaching and learning from a distance.

At the center of the transition is WMUX, which was recently charged with delivering real-level learning opportunities on and off campus with emerging technology.
Dear Friends,

The world is a vastly different place than it was when we issued the previous edition of the magazine. Things have changed in ways that most of us never expected. We’ve witnessed the frightening spread of a global pandemic that has affected nations around the world and touched our campus in the worst way, but at the same time, we’ve also beheld humanity and decency at their best. I’m writing this message at a moment that can only be described in one word: uncertainty. Our state’s residents are currently sheltering in place, businesses are closed, K-12 schools continue online and we hold our collective breath as we monitor the data and watch the viral spread. There’s no denying that this is a troublesome time for all of us.

But at the same time, I’m heartened by the things I see taking place across our University. From the response of our faculty members, who are showing grit, determination and adaptability that are most needed when the world doesn’t make sense. Rocked by calamity, tested by tragedy, through it all, the Western Michigan University family continues to display true humanity and courage. I hope that the stories you’ll read throughout this issue will remind you of what’s best and most enduring about our beloved University—its people. Thank you for continuing to stand strong with us, for being part of our worldwide community and for joining us in proving that no matter the obstacle, Broncos are prepared to go the distance.

Edward Montgomery, Ph.D.
President

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WMU Signature awarded for outstanding innovation

A unique program that highlights student experiences is garnering acclaim. WMU Signature received the Innovative Program award at the NASPA Region IV-East annual conference.

“WMU Signature is a way that we validate what students have been doing outside the classroom,” says Dr. Evan Heiser, the program’s director. “They’re getting engaged, they’re exploring their passions, and the really different thing is students have to do something unique to put their passion into action.”

Students who complete WMU Signature receive a co-curricular designation on their diplomas signifying one of nine pathways they can choose to focus on: civic engagement, diversity and inclusion, entrepreneurship, global engagement, health and wellness, leadership, social justice, sustainability, or teaching and student success. WMU is the only university in the nation offering the high-level student engagement endorsement.

“The idea is to help students stand out when they’re applying for jobs or graduate school,” Heiser says. “Getting engaged on campus helps to make students more successful. Helping students focus on something they’re passionate about will help them be more successful.”

WMU 3D printers producing face shields and masks for health care workers

Western Michigan University’s 3D printers aren’t sitting idle during the pandemic. Instead, staff and professors from multiple campus departments are using them to produce personal protective equipment—specifically face shields—for health care workers who desperately need them. The equipment goes to the Sindecuse Health Center as part of the ongoing WMU effort to provide materials to help protect health workers and share WMU resources.

A team of two sales students competed in the State Farm Marketing and Sales Competition at the University of Central Missouri, during the fall semester, with one student taking top honors in the customer service role-play category. This victory brings WMU’s student winnings to over $40,000 in the past eight years of competition, making it the most successful university in the event’s history.

Ryan Demas and Sarah Obermeyer competed in three different rounds of competition, including: A marketing presentation answering the question, “How might a State Farm agent educate and promote a futuristic vision of mobile telematics technology while ensuring customer data privacy?”

A sales role-play, focused on how a State Farm agent could develop a relationship with a new client from an internet lead. The role-play began with an appointment-setting phone call where the agent’s objective was to get the prospect into their office to review options. A customer service role-play based on the scenario of a current customer coming to their agent’s office to pay their six-month auto insurance premium in full. The goal was for the agent to start a conversation about renters’ insurance, while processing the transaction.

Obermeyer clinched the win in the customer service role-play portion of the competition.

Sarah Obermeyer and Ryan Demas competed in the State Farm Marketing and Sales Competition.

VIDEO

Sales win makes WMU most victorious university in national competition’s history

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WMU professor unites health care heroes, Broadway stars to raise spirits and funds during pandemic

Broadway stars are bringing dramatic flair to honor frontline medical workers risking their lives to care for others during the pandemic. The Resilient Project, spearheaded by Jay Berkow, director of music theatre performance, unites a star-studded company of more than 60 performers with doctors and nurses from across the country. Participating from emergency rooms, critical care units and even their own living rooms, they join together to sing “Resilient,” a song from a rock-opera he’s been working on with composer/lyricist Steve Ogrin called “Mata Hari.”

“Given the unprecedented impact of this crisis, which is still unfolding, our goal was to salute the true heroes who are at the forefront of the battle for human lives. The tireless health care professionals—doctors, nurses, hospital personnel—who are literally risking their lives every day to take care of all of us,” says Berkow, who recruited WMU music theatre alumni Patrick Connaghan, Cassandra Sandberg and Todd Tuchel to participate in the project.

The video will benefit their colleagues through the American College of Physicians, Broadway Cares/Equity Fights AIDS’ COVID-19 Emergency Assistance Fund and the Emergency Nurses Association.

Music students slide to the top in national trombone competition

It’s not often a trombonist needs security clearance to perform. But Alyson Johnson and Alyna O’Connell got to shine in front of the field’s top brass at the American Trombone Workshop’s National Solo Competition, held at Fort Myer, Virginia. The freshmen were two of three tenor trombone finalists selected for the elite competition—one of two major solo contests for students worldwide. To have one student chosen for the finals is high praise for a program, says Steve Wellinbarger, professor of trombone. Two is virtually unheard of.

“This is huge. I think I can recall maybe one other time when there were students from the same university as finalists in another competition,” says Wellinbarger. “I’m incredibly proud. This will be something these students remember for the rest of their lives.”

Will Ford, a 2018 graduate of WMU, was also a finalist in the Division III category of the competition.

Business professor earns second Fulbright award

For an impressive second time, Dr. Kuanchin “KC” Chen, professor of business information systems, co-director of the Center for Business Analytics and John W. Snyder faculty fellow at Western Michigan University, has earned a highly competitive Fulbright Specialist Award from the U.S. Department of State and the J. William Fulbright Foreign Scholarship Board.

Since the inception of the Fulbright Specialist Program in 2001, faculty from the Haworth College of Business have received this award three times in the business administration category. Chen received his first Fulbright award as an associate professor at the college in 2012.

With this award, Chen will complete a project at Warsaw University of Life Sciences in Poland that aims to exchange research experiences and establish partnerships benefitting participants, institutions and communities both in the U.S. and overseas through educational and training activities within business administration.

WMU launches online cybersecurity undergraduate degree

Beginning in fall 2020, WMU will offer a fully online Bachelor of Science in Cybersecurity that will benefit graduates and organizations in multiple ways. The four-year degree program is designed to help meet the increasing workforce demand for digital security specialists in areas ranging from government defense to supply chain operations.

The COVID-19 pandemic, which has increased the number of online users and exposed the safety vulnerability of software and videoconferencing platforms, is further fueling the need for specialists who know how to keep digital data and interactions secure.

Students in WMU’s program will have the added advantage of acquiring invaluable skills that extend beyond the screen. Rather than developing curricula solely from a computer science perspective, WMU’s interdisciplinary cybersecurity major also relies on the Haworth College of Business for a business viewpoint on cybersecurity.

“Security lies in this unique area where you have to understand the business side and the technical side” rather than one or the other, says Jason Johnson, lecturer in the College of Engineering and Applied Sciences.

The program is designed to be taken anywhere in the world, and to be expansive enough to train for a wide variety of cybersecurity positions that keep important online information and transactions secure.

Grants awarded for COVID-19 research projects

The University’s Office of Research and Innovation has awarded five grants for research related to the COVID-19 pandemic. The projects cover health, politics, religion, education and language support.

“Our guiding principle was to advance excellence in the pursuit of knowledge and ideas to help tackle COVID-19-related issues,” says Dr. Terri Gosz Kinzy, vice president for research and innovation. “We think it’s going to be a major contribution from Western Michigan University to the nation’s response.”

Totaling $31,620, the grants are funded by the Meader Presidential Endowment—a fund specifically designated for promoting excellence at WMU. A committee selected the winning projects, looking for those that had a broad impact, were collaborative in nature and could begin immediately in a remote capacity.

“They leveraged a unique expertise of WMU and were different than what many other universities are doing in this crisis,” Gosz Kinzy says.

The awards are not designed to be an exhaustive list of pandemic-related research at the University, rather a spark to ignite new ideas.

Professor awarded for book that peels back the curtain on Fetzer’s secret life

The Historical Society of Michigan awarded Brian C. Wilson, professor of comparative religion, with its highest honor—the State History Award—for his book, “John E. Fetzer and the Quest for the New Age,” which follows the businessman’s journey from Seventh- day Adventism to a quest for global spiritual transformation. It’s Wilson’s second such award, also winning in 2015 for his religious study of Dr. John Harvey Kellogg.

Wilson was able to get an intimate look at Fetzer’s life through the Fetzer Memorial Trust, which originally commissioned him to write the introduction to an anthology. That led to a sabbatical and book project.

During the course of that year, he was able to read letters Fetzer wrote as a boy, see pamphlets he’d collected speaking out against Seventh-day Adventism, and read through the research he’d cultivated.
"I am pleasantly surprised by the efforts of the College of Fine Arts and their commitment to giving us the best possible education they can," says Jolin Cramer, who completed her bachelor’s degree in dance in April. "As students who are privileged with great studio spaces, virtual dance classes can be difficult, but we found a new way to normalize the circumstance and 'crank our personal volume' during a time of uncertainty."

Dance is about conveying and evoking emotion through movement. Cramer had plenty of inspiration with the changes in response to the pandemic.

"Personally, my biggest challenge is dealing with the grief of leaving my senior year behind," she says. "It was hard to process being a production major with no more productions, a dancer with no more performances and a student with no more warm-ups, naps in the student lounge or improv jams with my friends." Cramer had to come to terms with the fact the end of her college career would look a little different than she planned.

"My graduation dress came in the mail the day commencement was postponed—that hit hard. I was sad for a while and everything felt like a simulation, but then I got inspired. Inspired by my friends, faculty and people from all over the world who I have never met."

While classes changed through distance learning, Cramer found comfort in sharing space with her classmates—even if that space was on a computer screen. Her classes met three times a day, and students would push their furniture aside or find a spot in the basement to dance in unison. The sessions quickly became her favorite moments of the day.

"One class even had a virtual birthday party for a professor."
Cramer and other students each held a candle and sang happy birthday, blowing out the flames in unison. Those classmates became her family, and WMU, says Cramer, became home. “I have always been of the mindset that this is something much bigger than all of us,” she says. “I am not surprised by the constant support, uplifting messages and desire to help from the community. It’s overwhelming in the best way to know that we are all in this together.”

ENGINEERING SUCCESS

Learning via Webex meeting isn’t rocket science. If it was, though, Grace Dying says her aerospace engineering instructors would have passed with flying colors.

“I think that they have done a great job with getting their classes online, and now when I put on my headphones it’s just like being in the classroom,” she says, adding professors have been able to keep the classes active by using chat functions.

“My project-based classes changed a bit more, and anything that was supposed to be a group presentation has become more challenging. But my professors have lots of ideas on how to make it” Dying, who graduated in April, found software which allowed her and her senior design project partner to control their lab computer remotely. She also learned some new skills to help record lessons for the labs she ran as a teaching assistant.

“Learning how to edit the videos has definitely made me think creatively and in different ways than I’m used to,” she says, joking that she could fall back on a career joking that she could fall back on a career in a Youtube.

Dying admits being nervous when she first heard about the shift to distance education, but she’s discovered the silver lining in new opportunities—like being able to go back and listen to lectures after class because they’re recorded now.

“I think the faculty are working really hard to give us the best education they can, and it shows,” says Dying.

It’s not surprising the WMU community stepped up to adapt to this challenge. That, she says, is what Broncos do.

“They stick together in times of need and put up a strong fight when threatened. I think our professors in particular, but also our maintenance and custodial staff, Dining Services and Residence Life, are doing a great job of getting us through this.”

LEADING FROM BEHIND (THE COMPUTER SCREEN)

For Lucinda Stinson, a part-time instructor in the College of Health and Human Services, moving from in-person classes to distance learning is a matter of days seemed daunting at first.

“There was a wide range of emotions, running from fear to confidence that I can do this,” says Stinson, who spent the weekend learning and preparing. “It really took a mental adjustment for me, because I’m a people person. I’m not overly computer savvy, but I know that I can figure it out.”

WMU—the evolution of Extended University Programs—spearheaded a campuswide effort to make the shift as smooth as possible, working around the clock to ease the transition for virtual classrooms, veterans and rookies alike. The program’s software engineers, design specialists, internet technology experts and the like managed to ramp up support services and structures within just a few days.

Instructors were offered assistance with online teaching fundamentals and delivery options during the transition. Stinson took advantage of the help available to learn about using Webex. She says staff at the faculty technology center walked her through the steps and she was able to pick things up quickly. Plus, she had her daughter on standby if there was something she didn’t understand.

“She’s a millennial,” laughs Stinson, admitting that sometimes learning new technology can be a challenge. But she points out, she does have an advantage. “As a health care professional—I’ve been doing this for over 40 years—you always have to think on your feet. So, I can always go from Plan A to Plan B to Plan C very quickly.”

Her flexibility and commitment to taking on the new challenge is something Dr. Edwin Martini, associate provost of WMUx, has seen from faculty members across campus.

“At the end of the day, we’re all in this together. Students are learning new tools, as well,” he says. “Our staff worked long hours, into the night and throughout the weekend, to make sure that we could support our instructors and our students during this challenging time.” Martini says while his team braced for hiccups along the way, WMUx met an unprecedented challenge.

Behind the scenes, staff orchestrated a remarkable effort that included things like:

• The instructional design team constantly fielding classes and emails from instructors;

PREPARING FOR THE FUTURE

Formerly Extended University Programs, WMUx’s new name also comes with a heightened focus to pursue on human-centered solutions. Its full visual identity and name will be introduced everywhere next fall. The department, which has existed since the early 20th century as an “ideas incubator,” will continue to operate on the third floor of Elsworth Hall on WMU’s Main Campus. Meanwhile, it will eventually resume conducting a “listening” campaign to solicit wish list concepts for how it can deliver next level learning opportunities on and off campus with emerging technology, such as augmented reality and noteworthy pedagogical approaches.

Eventually, some of the concepts will be put into motion to benefit people such as Osher Lifelong Learning Institute participants, dual-enrollment students who are earning college credit while in high school, regional nonprofit workers, long-time professors and traditional students.

The unit’s new name is in keeping with its tradition of offering extended learning, represents the next stages of education and serves as a creative capacity multiplier for programs and people across campus. Its “human-centered” focus relies on empathy, ideation and experimentation as those pertains to outcomes rather than capabilities.

“This entire transformation from EUP to WMUx represents a significant investment in the core academic mission of the University,” says Dr. Jennifer Bott, provost and vice president for academic affairs. ■

The communications team writing new technical training and posting that content online;

Regional staff from locations like Traverse City and Macomb County staffing the live chat feature to provide quick responses to student and faculty inquiries;

Academic support staff from across campus providing virtual tutoring, coaching and advising.

As for students, in collaboration with the Office of Information Technology, WMU designed, built and launched an Learning student support site in about 36 hours that designed, built and launched an Elearning Office of Information Technology, WMUx

Uncharted Waters
The University Libraries has acquired the complete working archive of author and illustrator, David Small, and author, Sarah Stewart. Residents of Southwest Michigan, Small and Stewart have created a respected body of work, collaborating on six books, including "The Gardener," a Caldecott Honor book. Small's biographical graphic novel, "Stitches," was listed as one of Publisher's Weekly's best books of 2009, a finalist for the 2009 National Book Award for Young People's Literature and a 2010 Alex Awards recipient.

The Small-Stewart collection includes drafts and original art, unpublished works, notebooks, sketchbooks, correspondence and journals. Portions of the collection will debut in fall 2020 with a series of exhibits and lectures. Due to its size and complexity, the collection will become available as materials are cataloged and prepared for public use.

"The Libraries should invest in material that offers unique opportunities and access for our students and faculty. Our undergraduates and graduates will be able to conduct research using original, unstudied material, and this collection may attract additional national and international attention to our Libraries," said Dr. Susan Steuer, WMU professor and rare book librarian.
Johnny Anderson III

Life has a way of coming full circle. For Johnny Anderson III, it happens multiple times a week. The WMU graduate student is an advocate for homeless individuals, helping connect them to health care, housing, and other essential services in the community. “The thing I love doing most is helping people; making that connection with them,” says Anderson, community outreach coordinator for the Family Health Center in Kalamazoo, who splits his time between the office and the field, looking for people in need.

It wasn’t that long ago that he was in their shoes. In 2015, he found himself homeless and hungry for a new start after quitting his job at a factory. So, Anderson enrolled in classes at WMU. His passion for connecting with others led him to social work—a program in which he found supportive mentors who propelled him down the path toward his career goals.

Anderson also gleaned professional experience through internships and other experiential learning opportunities that helped him get a job directly after graduation. “I never would have imagined I would have the opportunities or be in the place that I’m working right now,” says Anderson, who is now pursuing his master’s degree in social work at WMU.

The COVID-19 pandemic has only made his job more important—and more difficult. His clients have expanded beyond the homeless community to anyone who needs help. With resources scarce and many agencies scaling back services, finding immediate assistance for individuals can be challenging. Still, there’s a silver lining. “I have been able to increase connection with community leaders and agencies I did not interact with prior to the pandemic,” he says.

Dr. Dweepobotee Brahma

As child in Kolkata, India, Dr. Dweepobotee Brahma witnessed poverty firsthand. “I was lucky, I grew up in a metropolitan city,” she says. “But even within the city, there were pockets of poverty, poor people who lived in slums. So, I had seen it all around me, and I wanted to work toward something that would improve the quality of life of those people.”

Driven to help end that suffering, Brahma is now working with various ministries in India to assess and address public health schemes and other development issues. As an associate fellow at the Brookings Institution India Center—a world renowned policy think tank—she has the opportunity to make a real impact.

“I love it. I get to work with the ministry, working hand in hand with the policymakers,” says Brahma, who earned her Ph.D. in applied economics from WMU in 2019. “You get to influence policy, you get to see policy making up close and provide your input. It’s very exciting.”

It’s an opportunity made possible, she says, by the support she received from the Department of Economics. “The department focuses on doing applied, real-world applications in terms of your research, as opposed to theoretical research that is the focus in many other departments,” says Brahma, whose dissertation research included topics such as infant health, vaccination and malnutrition. “Being equipped in a skillset that is more policy relevant, or more industry relevant, makes you eligible for jobs in nonacademic settings, as well.”
No bones about it, Raegan Delmonico loves archaeology.

“You can read a lot about different archaeological techniques as much as you want, but you won’t truly understand that until you get out and do your field school and really put your hands in the ground.”

The alumna cut her teeth as an undergraduate student at the Fort St. Joseph Archaeological Project’s field school in Niles, Michigan, unearthing centuries-old artifacts.

“I took introduction to anthropology with Dr. Michael Nassaney,” says Delmonico. “He got me involved with the project, and there was no turning back. I got the bug.”

The rest is history—which, coincidentally, is the major Delmonico originally thought she’d pursue when she first came to Western. She switched her major to anthropology in her fourth year after taking Nassaney’s class.

“Dr. Nassaney really took me under his wing. He kept pushing me to apply to the field school and stay involved with the project.”

It’s an experience that sets many WMU graduates apart from colleagues in the field, and one that has helped Delmonico earn jobs at multiple archaeological sites after graduation.

“Being able to do my field school and stay involved with the project was amazing. Being able to do my field school there and then come back as a lab coordinator is an amazing resume builder,” says Delmonico. “People can’t believe I coordinated the lab as an undergraduate.”

Feeding the growing number of Michiganders in need during the COVID-19 crisis is no small task. 2nd Lt. Hunter Davidson and his team of Michigan National Guard soldiers are up to the challenge. Initially scheduled for annual training in Morocco, the global pandemic shifted their plans.

His team from the 1433rd Engineer Company began work at the Feeding America West Michigan Food Bank in Comstock Park in late March. They packed emergency boxes full of food for smaller food pantries to distribute to families. The team was later deployed to Pontiac to assemble boxes for senior citizens. Davidson estimates they helped distribute more than 400,000 pounds of food for thousands of people in need.

“Part of the reason we joined the guard was to be able to give back to our neighbors. We are also civilians ourselves most of the time, so being able to serve our communities is really important.”

Davidson knew early on he wanted to serve in the military. He chose WMU, the state from his hometown of Croswell, specifically for the ROTC program.

He explored several possible fields of study before he chose political science. After graduating in 2019, he landed a job as a manager at Amazon.

That job, paired with the experience he gained at WMU, set him up for success in the uncharted territory he’s leading his team through now.

“The ability to remain resilient, flexible and handle all of the changes that have been happening throughout this pandemic crisis, Western really helped with that,” says Davidson. “Everybody changed here very quickly. So, if you are resilient or able to adapt, it would be pretty difficult.”
While his wings were clipped graduating with a degree in aviation management and operations amid a global pandemic where airlines are suffering, Joseph Sánchez didn’t find himself down on his luck.

The first-generation college graduate says connections while he was student body president for the Western Student Association helped him understand “although I was in the field of aviation, I could still pursue other career goals that are of interest to me.”

Those goals led him to grocery giant Meijer, where Sánchez had interned his junior year. Now in the middle of a pandemic, he’s secured a full-time team leader position at the Plainfield, Illinois, store, playing off his business skills forged even during his aviation courses at WMU.

“While retail is completely different from aviation, it’s still related to business. I chose the aviation management major because I also really enjoy general business,” he says. “Leading others and working with a team is what I like the most. It isn’t just work to me, but more about helping others develop skills, gaining management experience and learning how great teamwork impacts results.”

Overseeing a team of around 25 workers, Sánchez is now tasked with keeping the store running smoothly amid social-distancing rules and concerns about food shortages.

“It’s kind of overwhelming at first because it’s a big network,” says Sánchez, who was hired in 2019 after a successful internship.

The Detroit native’s success is the result of years of hard work and focus, honing his craft and exploring all aspects of media as a student at WMU—with the support of a number of professors along the way.

“Working at the Western Herald helped me get an internship at Encore magazine,” says Ware, who also completed internships at WMUK radio and Yes! Magazine in Seattle. “When I was at YES!, I was always in contact with Dr. Leigh Ford and professor Sue Ellen Christian. They were always helping me with stories and helping me in general, so that I didn’t just disappear for six months.”

As a Seita Scholar, Ware had the financial stability to pursue his dream in full force. The accelerated master’s degree program also allowed him to get an earlier jump on his career.

“If you’re going into media, there are plenty of opportunities at Western to establish yourself,” he says. “All of my experiences helped me get to where I am now.”

Ellen Christian,Ware was always helping me with stories and helping me in general, so that I didn’t just disappear for six months.”

Coronavirus concerns. Battening down for blizzards. A Hollywood heavyweight headed to trial. J. Gabriel Ware’s workdays are never dull. The two-time WMU alumnus works on the assignment desk at ABC News, covering breaking news stories from across the country.

“Even though it’s different, it’s still business,” he says. “I enjoy working with a team, and retail is just another form of that.”

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Product design students envisioning future of mobility with Eaton partnership

Flying cars. Automated supply systems coordinating robot deliveries. Undersea living and civilian space exploration. The mobility solutions of tomorrow are being dreamed up today at Western Michigan University.

Through a partnership with Eaton Corp., the first cohort of product design students—now in their third year in the Richmond Institute for Design and Innovation—is envisioning what the world might look like in 50 years.

“The students are learning how to use ‘design fiction’ to spur present-day innovation,” says Michael Elwell, director of the Richmond Institute. “The result is transformative, disruptive design solutions instead of the incremental change we typically see in industry.”

In this “special topics” course, students are creating future transportation scenarios for the year 2070, considering what role Eaton might play in that world, and then developing projects for those scenarios.

“I love the early stages of the design process when we get to sketch out as many ideas as possible before settling on one that will do the job in the most efficient and elegant way possible,” says Nick Koch, who is designing a helmet that pilots of on-demand flying cars services might wear.

“This helmet will allow the user to have an unseen full connection to the aircraft they are piloting, displaying aeronautics, trip and aircraft information, pilot health and passenger status information,” he says.

Classmate David Bulley is focusing on transportation related to orders and deliveries, focusing on automated systems.

“I’m working on the idea of magnetic propulsion for land-based vehicles and hover flying for personal transportation,” he says. “Each storage cube will be its own robot that can move itself from different points and even stack itself on other cubes for transportation.”

THE FUTURE OF DESIGN

The course is the first of six that Eaton has committed to being involved in, putting students in the driver’s seat on projects involving such topics as transportation, electricity and sustainability. Eaton engineers and designers will interact with students throughout the courses, offering project critiques and guidance.

“It’s important to Eaton that we help grow a design program like the Richmond Institute for Design and Innovation has, so that this community can grow in its foundation of having good, strong design opportunities,” says Phil Goodwin, a user experience designer at Eaton who joined the student’s work could actually go into production.

“This student’s work could actually go into production.

“The project reflects Eaton’s long-term intent to support WMU and the Richmond Institute as a foundational partner.

“One of our responsibilities as an organization is to make our community stronger,” adds Andrea Russell, human resources director at Eaton. “We’re lucky to have a large university with great programs that we can work with.

“The relationship is mutually beneficial. Students have a tremendous opportunity to work on real-world projects and get mentorship and guidance both during their college career and after graduation. There’s knowledge transfer in both directions.

“The students benefit from feedback from industry professionals and get to list the experience on their résumés,” says Elwell, noting that there’s extra motivation in working with a corporate sponsor because there’s a possibility the student’s work could actually go into production.

The opportunity, Bulley says, is invaluable to his own career aspirations.

“WMU teaches us the skills, but also puts us in front of the people we will be working for. Networking is the best asset of this program.”

"We will build smart, interdisciplinary teams of students based upon the needs of our corporate partners. These students will apply design thinking methodologies to real-world problems, while learning how to collaborate with students from other disciplines—a skill crucial to the workplace.”

An example might be pairing a design student with an engineering student and an occupational therapy student to help create a prototype for a rehabilitation device. The teams will have the opportunity to gain resume-building experience in the field and in the institute’s world-class facilities.

“Combining fine arts, engineering and business, (the Richmond Institute) takes a step into the future where few other universities have had the vision or courage to go,” says Linda Morgan Demmer, who—along with her husband, Bill—donated $900,000 to create the DREAM Lab, which includes state-of-the-art machining and design capabilities for rapid prototyping.

“This program is designed to develop graduates who will enter the job market with a broad educational view and with talents that will be highly sought after by employers.”

“Being part of the first class of this new program has been a life-changing experience,” says Koch. “With every project, we are challenged to do something new and figure it out as we go along. It will make a positive impact on all of our careers as it forces us to develop a strong work ethic and be resilient workers.”
Avian adventures at Asylum Lake Preserve

Oblivious to the COVID-19 pandemic, a white sandhill crane that sailed overhead, while a male mallard meandered downstream. Within WMU’s 274-acre Asylum Lake Preserve on a mild spring morning in April, several bird species were observed building nests, flying, paddling, eating and calling to one another and even battling, in some cases.

Birdwatching at the preserve, which offers a publicly-accessible visual and symphonic feast, remains an easy, free, soothing and educational option amidst social distancing mandates and closures that have altered life as we knew it.

No birding experience? No problem. This inspiring hobby only requires a sense of adventure, a fondness for fresh air and the ability to quietly observe.

Dr. Sharon Gill, associate professor of biological sciences, and Joanna Sblendorio, a doctoral student studying bird behavior, recently provided basic birding lessons at the preserve, located in Oshtemo Township and bordered by Drake Road and Parkview Avenue. Here’s what they shared:

Tip: Tree swallows battling over bluebird box territory at Asylum Lake Preserve, which is always brimming with wildlife activity.

For the birds: Avian adventures at Asylum Lake Preserve

VIDEO
Asylum Lake Preserve and the adjoining property lie in the west fork of the Portage Creek Watershed. The land was ensured when WMU constructed its nearby College of Engineering Parkview Campus. An online portal now offers a self-guided introduction to the preserve and its history. The preserve serves as a research area for academic disciplines such as geology, hydrogeology and environmental studies, but it is a particularly wonderful place for birdwatching, Gill says.

Asylum “does offer a really nice set of features and different natural areas. So, we can go to Big Asylum Lake and Little Asylum Lake,” says Gill. “We can walk through the forest and engage with the organisms here. And then there’s also the prairie. We have three important types of ecosystems in the area, making it a really nice place to walk and experience nature.”

ADVICE FOR NOVICES

About 450 bird species call Michigan home, according to the Michigan Bird Records Committee’s January 2003 list. Right now, many species that departed for the winter are migrating back to the area, which offers birders plenty of interesting activity.

Experienced birdwatchers enjoy grabbing their binoculars, identifying as many species as they can and perhaps conducting counts, “but if you don’t have that bird knowledge, you can still experience the joy of birds just by going out walking and listening,” says Gill. “If you’re listening here, there are blackbirds calling, there’s robins singing, there’s woodpeckers, the red-winged blackbird. All of those things you can listen to. You don’t have to name them to get the joy out of experiencing them. You could become somebody who’s really active and knows their birds, but if you’re not one of those people right now, certainly don’t let that stop you from enjoying birds because you have all you need to enjoy them: your ears and your eyes.”

The best times to birdwatch, according to Sblendorio, are at dawn and dusk.

“The dawn chorus is just spectacular, right when the sun comes up,” Sblendorio says. Wearing colors that blend with the scenery are advisable, but not nearly as important as quiet observation—no sudden movements and full concentration.

“Birdwatching is an activity in mindfulness,” says Sblendorio, a New Jersey native who became captivated with birds while helping a master’s student study them on a military base. “You’ll see flashes of color, the rustle of leaves. It’s an opportunity to appreciate the world.”

Some birds, such as chickadees, are loud. Cranes are graceful. Fox sparrows “have a really cute whistle,” Sblendorio claims. She calls warblers “little forest gems” that range in hues from yellow to rusty red.

WHY GO BIRDING AT ASYLUM?

Giving more consideration to bird activity reveals an expanded world that offers vital reconnection with nature, which may be more important than ever as the pandemic continues to wreak physical and emotional havoc on humans throughout the world.

“The value of coming out in nature is to get away from all of the things that you’re worrying about in your day. What a beautiful experience to be able to hear the water babbling behind us and the birds calling,” says Gill, who is originally from Canada and recently received a National Science Foundation grant to study alarm calls in yellow warblers. “It can give you an amazing sense of peace and also connectedness to something bigger than ourselves.”

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Certain species have been passing through the area this spring, while others will plan to stay for the duration of summer.

During their recent lake preserve visit, Gill and Sblendorio were entertained by a bluebird couple creating a nest in a box built by people for that purpose. Their task wasn’t easy. While the female deposited beakfuls of grass into the box, her mate was busy fending off swallows, which were also diving to gulp the first flying insects of the season.

CONSERVATION

Another good reason to take up birdwatching: Species throughout the world are in rapid decline. Gill points out. According to a September 2019 article in Science Magazine, the Western Hemisphere has lost more than one in four birds during the past 50 years. Cornell University researchers calculated North America is home to nearly 3 billion fewer birds today compared to 1970. Even traditionally common species such as Baltimore orioles and barn swallows are seeing drastic population decreases.

The causes are many. Some of them include climate change, reduction in habitat due to human activity, skyscrapers, pesticide use and outdoor cats. Gill and Sblendorio’s research and field studies partly focus on the effects of human-generated noise, which can negatively affect bird migration and breeding.

Ducks and waterfowl are seeing less of a decline because of concerted conservation efforts, even those meant to support hunting, Gill says.

“When we invest in conservation, we make a difference,” says Gill. “There’s an inherent value in nature, and other organisms have a right to be here just like we do.”

RESOURCES

For those interested in buying birdwatching activities are detailed at 3BillionBirds.org. The site lists ways anyone can help reduce the rate of bird decline, such as modifying windows to be less reflective, growing native plants, keeping cats indoors, drinking coffee that’s cultivation-friendly to birds and reducing plastic use. ■

Sblendorio and Gill suggest visiting “All About Birds” by Cornell University, and the Merlin Bird ID app that’s affiliated with Cornell. The National Audubon Society is the country’s bird authority. Its site includes compelling stories, news and conservation tips.

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WNU’s Asylum Lake Preserve is brimming with birds, says Dr. Sharon Gill and biological sciences doctoral student Joanna Sblendorio birdwatching during a springtime visit to the public preserve.
Since he was 5-years old, Josh Carpenter’s head has been in the clouds. His first ride on an airplane had him hooked. “We were always interested in things with motors and things that went fast,” says his twin brother, Tim, who also caught the bug. The siblings followed their aviation aspirations from their hometown of Commerce, Michigan, to WMU. “It was awesome,” says Josh. “I always had a study partner and a friend, along with some sibling rivalry.”

Graduating in 2013, the brothers followed similar career paths—both eventually landing at United Airlines, where they are first officers. A new partnership between WMU’s College of Aviation and United will put students on a faster track to follow in their footsteps. The Aviate program offers applicants a new altitude of opportunity with the fastest path to a career with a major airline in the country. It’s a path that remains steady despite the emergence of the COVID-19 crisis. Industry experts anticipate the pandemic-related decline in passenger air travel will eventually turn around, and students who apply for Aviate will be uniquely positioned to fill a need for more pilots when they complete the program in four to five years.

“For current and prospective students, there is still no better time than now to be considering a career in aviation,” says Tom Thines, recruitment and outreach manager for the College of Aviation. “While the COVID-19 situation will slow the industry down for a little bit, the industry will come back.”

The passenger travel slowdown has another unexpected benefit: it could bolster training in the prospective pilot ranks. “While the industry has postponed some of the new hire classes over the next few months, we anticipate having an increase in certified flight instructors, which may help us address some of the training backlog,” Thines says.

CREATING OPPORTUNITIES

Students accepted into the Aviate program are required to get experience teaching as a certified flight instructor at WMU. Once they accumulate the minimum flight hours to earn their restricted airline transport pilot’s license, they’ll fly for a United Express Aviate partner. After successfully completing at least 2,000 flight hours and 24 months with that partner carrier, pilots will be able to transition to United as a first officer.

WMU is one of just four collegiate programs chosen by United to participate in Aviate. “We think it’s a top-notch school,” says Capt. Curtis Brunjes, managing director of pilot strategy at United. “We think that the curriculum, the standard and the program at Western Michigan University generates the top talent.”

Student aviators at Western are able to train on some of the most advanced aircraft in collegiate aviation, something Josh Carpenter says led to a “very seamless” transition to his career as an airline pilot. His brother, Tim, adds that the crew environment training in WMU’s curriculum “replicates exactly what we do at the airlines.”

“So, when you get to the airlines, you know how to study the material, you know how the basic flow of a flight deck and how to set it up, and those things combined will put you well ahead of others who don’t attend a program such as this,” he says.

The preparation is one of the many reasons WMU lands among the top three aviation schools in the nation. “Students know that if they really want a job, if they really want to be feet first into this industry, this is the place to come,” says U.S. Rep. Fred Upton. “The proof’s in the pudding. United recognized it—we all have.”

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Building homes, visiting with terminally ill children, and testing for ground contaminants are just some of the ways that the Western Michigan University community, in partnership with outside entities, makes a distinctly positive difference, as its recent Carnegie Community Engagement Classification proves. In recognition of 1.34 million hours served on campus and throughout the world, and for the second consecutive time, WMU received the 2020 classification, which recognizes higher education institutions across the country for their outstanding institutional commitment to transformative collaboration locally and beyond.

Only 359 colleges and universities maintain the classification, an elective endeavor that requires institutions to voluntarily submit information describing the impact of their community engagement initiatives, ranging from class projects that address local needs to engaged research that maintains national or international reach.

WMU was one of 119 institutions in the country to be awarded the designation in the 2020 cycle, one of only 13 doctoral-granting universities with a “high research activity” classification to receive this recognition, and one of 11 in Michigan to be named.

The University’s application documented that, in one year’s time, its faculty, students and staff partnered with over 1,500 unique community organizations and offered 333 credit-bearing, community-based learning courses representing more than 75% of its academic units and programs.

WMU’s selection means the institution’s dedication to dynamic and noteworthy community engagement runs through its mission, culture, leadership, allocations and practices, says Kara Wood, associate vice president for community partnerships and co-chair of the University’s Civic Action Planning Team. It also illustrates the University’s commitment to working with others on critical societal issues such as poverty, racial equity, access to affordable health care and the environment.

“WMU has a long history of public service and community partnership, including experiential learning opportunities that allow faculty and students to apply their work and produce useful solutions for business, government and nonprofit agencies,” Wood says.

The University’s reciprocal community engagement practices with public and private entities are longstanding, widespread and diverse, as its Community Engagement Geo-Map shows.

For the next classification process, “Our goal is to increase the strength, impact, and sustainability of our partnerships, all the while contributing to our students’ educational experience and effecting positive societal change,” says Wood.

**ARRAY OF OPPORTUNITIES**

- Hydrogeology field courses focused on hazardous man-made chemicals known by the acronym PFAS.
- WIRE Youth Development Programs. These free offerings have benefited more than 3,000 youth between the ages of 7 and 13.
- Southwest Michigan Children’s Trauma Assessment Center.
- The Kalamazoo Literacy Council hosts an annual Adult Literacy Research and Training Symposium at WMU, which has impacted nearly 375 adult learners and has improved instructional capabilities of almost 300 volunteers.
A nearly $9.6 million grant recently received from the U.S. Department of Energy’s Office of Energy Efficiency and Renewable Energy is supercharging ongoing lithium-ion battery research led by the College of Engineering and Applied Sciences and corporate partners. The scientific breakthroughs supported by this funding are expected to enhance crucial environmental sustainability efforts pertaining to energy efficiency and resources consumption.

Titled Enabling Advanced Electrode Architecture through Printing Technique, the three-year project is being spearheaded by Dr. Qingliu Wu, an assistant professor in WMU’s Department of Chemical and Paper Engineering. As principal investigator, Wu is leading the project team of scientists and engineers in seeking ways to create more cost-effective, fast-charging and high-energy lithium-ion batteries for use in electric vehicles and other consumer products such as drones and portable devices. The low-cost printing method used for electrode fabrication will potentially increase energy density without sacrificing battery life. Lithium-ion batteries, such as those in cell phones, that now take up to three hours to charge would take only 10 minutes or less with such next-generation technology.

Wu has assembled a multidisciplinary team within WMU to work with: Argonne National Laboratory; WMU’s partners Northeastern University, Brown University and University of North Carolina Charlotte; SafeSense Technologies LLC, a technology start-up launched by WMU and spun off as an independent company; and Boston, Massachusetts-based Nanoramic Laboratories to provide solutions to global energy concerns and address national priorities of the Department of Energy. “This research is designed to also engage Western Michigan University students and allow them to contribute now and become the next generation of leaders in this field,” says Dr. Terri Goss Kinzy, vice president for research and innovation at WMU.

Contributing to the research at WMU will be Ph.D. students Guanyi Wang, Jie Ziong and Jian Yang, undergraduate students Lindsay Gubow, Bharat Goel and JustOne H. Crosby, and professors Dr. Kecheng Li, Dr. Paul D. Fleming, Dr. Alexandra Pekarovicova and Dr. Massood Atashbar. Wu says he is grateful to have received the grant and for the support of various partners and colleagues who also helped earn the award.

“I am excited that we can have more students at WMU involved in our research on lithium-ion batteries,” says Wu. “As you know, lithium-ion batteries could store significant amount of energy from solar and wind power, making possible a fossil fuel free-society.”

The state-of-the-art printing technology being developed for this project could potentially reduce environmental pollution and result in cheaper batteries for customers, Wu says. WMU’s longstanding reputation for discovery and forward-thinking scientific development is exemplified within its College of Engineering and Applied Sciences, where its numerous programs produce practical improvements and problem-solving leaders who are committed to improving lives.

Dr. Qingliu Li, right, assistant professor and project lead for the Enabling Advanced Electrode Architecture through Printing Technique project, with student research assistants.

Ever wish your cellphone battery lasted longer, or your laptop took less time to recharge? There’s an excellent chance that such improvements are eminent thanks to federally funded research being spearheaded at WMU.
In summer 2019, Andy Dominianni spent eight solitary weeks at his family’s cottage in upstate Michigan, but not for a relaxing hiatus. Instead, the evening anchor for WWMT-TV Newchannel 3 in Kalamazoo was determined to find his voice again. The singular, distinctive audial source that his livelihood depends on had rebelled against him out of the blue the previous year, thereby jeopardizing his career.

“‘It was horrifying,’” Dominianni says. “‘It was easily the worst thing that’s ever happened to me.’”

The problem began in August 2017 while shooting footage for a piece on the 50th anniversary of the Detroit race riots. His stand-up, which typically took only one or two takes for this seasoned news professional to nail, instead took 11 takes. His voice kept breaking. Every third word came out as air without sound.

Amid a series of false starts with specialists who weren’t a good fit for him, Dominianni met Heidi Douglas-Vogley, a master faculty specialist in WMU’s Department of Speech, Language and Hearing Sciences. Her vocal assistance and emotional support, he says, made possible his recovery.

DREAD AND DIAGNOSIS

Dominianni says he pursued a TV news anchor career because of the varied learning opportunities and chances to meet fascinating people. An internship at ABC News during his college years inspired him, and one of the smallest TV markets at the time in the United States – Alpena, Michigan – gave him his start.

“It’s a very fun job,” says Dominianni. “It’s a public platform, so it’s a front-row seat. I get to see everything as it’s happening, and I get to interview the people who are making it happen. So, I get to really make a difference.”

Following his fateful Detroit assignment, Dominianni says he feared the worst. Was it lung cancer? Extensive imaging concluded it wasn’t. Was it a vocal cord nodule? An upper endoscopy, which necessitated Dominianni’s being

Figures of speech:

Instructor helps Kalamazoo TV anchor recover his voice.
She teaches speech-language pathology and privately practices, and she has worked at WMU for 27 years. Previously, she served as a senior speech-language pathologist for Bronson Methodist Hospital in Kalamazoo.

Meanwhile, Rehm suggested there may be something more at play than muscle tension dysphonia, which was Dominianni’s original, inaccurate diagnosis. As he continued to seek medical help, Dominianni ultimately returned close to where his problems suddenly began. A Channel 3 viewer, as well as another local otolaryngologist, recommended he see Dr. Adam Rubin, in St. Clair Shores, north of Detroit. The laryngologist, whose office walls are adorned with autographed photos of world famous singers and other vocal performers he has successfully treated, finally provided an accurate diagnosis for the Kalamazoo news anchor abductor spasmodic dysphonia. ROAD TO RECOVERY Dominianni has one of the rarest of rare vocal afflictions. Spasmodic dysphonia is a neurological disorder that affects about one out of every 100,000 people; far fewer have VSBD, the affliction as it pertains to the abductor variety. The voice muscles in the larynx, or voice box, are targeted, according to the National Institute on Deafness and Other Communication Disorders. Instead of producing a continuous air stream that vibrates the cords for sound production, the cords involuntarily spasm, which causes voice breaks and a strained tone.

Ironically, Dominianni also then developed a compensatory muscle tension dysphonia because of the unnatural physical methods he was using to keep his voice from breaking and straining. MTD causes vocal quality changes, discomfort in the neck or throat, voice fatigue and tensions, they can zap us laryngally and people can lose their voice. Some people get migraine headaches, some people get upset stomachs, and some people develop varying levels of laryngeal dysfunction.”

Douglas-Vogley and a graduate student initially visited Dominianni on set to watch him work and provided him with vocal training on WMU’s campus to help ease the self-imposed strain on his vocal cords. But because the news never stops, his phrenetic schedule didn’t make it easy to squeeze in sessions.

“Throughout this process, whenever he was on air, I did my best to watch him when I could and sent him real-time text messages about what he needed to do to fix his voice on the spot,” Douglas-Vogley says. In person, traditional vocal training continued, and “we also addressed the whole notion of stress management and relaxation as it impacts laryngeal function,” she notes. The pair concentrated on specific sounds that gave
Domianni's the most difficulty; two of those were words that begin with the letters 'h' and 'a' which meant that his signature evening newscast greeting and his own name were nearly impossible to utter. Proper coordination of breathing with voice production was essential. Also used was "straw phonation," a strategy that keeps the throat, voice and larynx more open.

Unlike most people, who take their ability to speak for granted, Dominianni must now consciously think about how he breathes and uses muscles in order to use and protect his voice. He has adopted the professional singer's technique of breathing daphagnistically and intentionally avoids quick catch breaths and chest and shoulder raising while he's speaking (on air and otherwise) to maintain a normal, continuous tonal flow.

From a medical standpoint, Dominianni was prescribed oral medication to help ease the MTD, and Botox to address the ABSD component. The medical interventions were essential, but after more than a year of straining his body to try to force his voice to work, Dominianni says he had to relearn how to talk and safely project his voice for work purposes. This last piece of the puzzle, he says, involved perseverance, some unorthodox vocal methods and isolation at the remote family cottage. The time alone, he says, enabled him to set aside everyday responsibilities and distractions that would've encroached on his vocal retreating.

Armed with an extensive homework list of daily vocal exercises and a stack of books that he'd always wanted to read, he voluntarily sequestered himself from everyone, including his wife and children, for nearly two months to recover. For eight hours each day, he concentrated on this goal.

The books, he says, were less for enjoyment and more for vocal therapy. Rather than reading them, he hummed through the tomes to retrain his voice to properly use air flow. Two nonfiction works—one about the U.S. S. Indianapolis and another about the mafia—served Dominianni's vocal purposes. He may be the only person who has spent a summer humming through gripping narratives about the ship that transported parts of the world's first nuclear bomb for detonation in Hiroshima and about organized crime.

Dominianni also used this time to improve his diet, and adopt other healthier lifestyle changes. "I kind of just decided I was going to hit reset on everything," he says.

Dominianni also knew this was his last chance to keep his job. If his recovery wasn't markedly noticeable, if his voice continued to falter, he was certain he would be reassigned to a different position or dismissed. Therefore, for the last two weeks of his 10-week work leave, he returned to Douglas-Vogley, who went with him to the set to practice in his natural work environment.

Douglas-Vogley also recruited a handful of graduate students to help with a specific advocacy project for Dominianni, which compiled vocal improvement proof.

I asked his employer to forward several clips of his voice to a specific advocacy project for Dominianni, which compiled vocal improvement proof. I asked his employer to forward several clips of his voice to a specific advocacy project for Dominianni, which compiled vocal improvement proof.

Douglas-Vogley says. "He's an appreciative, kind person.

The time off, the exercises and the intensive speech therapy that Douglas-Vogley provided worked.

"I still have to do some vocal function drills every day, neck stretches and things that just kind of relax these muscles because they tend to tense up, but I would say that my voice is almost perfect," says Dominianni.

resorted to texting and emailing friends and family during his long stay at the cabin. A bout of influenza physically set him back and was emotionally more taxing on him than it otherwise would've been.

At one point, Dominianni, at Douglas-Vogley's suggestion, decided to publicly detail some of his vocal challenges for viewers. The explanation helped both them and him close the divide, and it provided a platform for people to offer support and encouragement.

"I'll never stop being grateful to her," Dominianni says of Douglas-Vogley. "There was no magic pill, but because she was nice and understanding, I wanted to get better for her." "I think that's why any of us get into this field. We hope that we can make a measurable difference in somebody's life," says Douglas-Vogley. "I feel like Western Michigan University allows me the opportunity to be able to make those impacts in people's lives."

With the support network he's cultivated and with the concession he's willing to make, Dominianni is hopeful that he can remain as a news anchor for several years.

"Where do I go from here? I'm not going anywhere," he says. "I'm staying right here and doing what I want to do."

Douglas-Vogley works with news anchor for WMUP TV Channel 3 Andy Dominianni in the Unified Clinics at WMU. Andy's diagnosis of Spastic Dysphonia is one of many disorders that receive treatment through the Voice, Swallowing, Respiration and Resonance Clinical Laboratory.
Taboo Topics course uses dialogue to break through barriers

**Dr. Mark Orbe**

Such nontraditional learning, which requires non-judgmental expression, strong curiosity and a willingness to be vulnerable, can be tinged with discomfort, confusion, heartache and significant personal connection, sometimes all within the same class session. People laugh, cry, blush and get angry. Disruption is the norm. Confessions are common.

Orbe refers to the classroom for this course as “the brave space rather than the safe space.” The timid or stubborn need not apply, yet anyone can use and benefit from these practical lessons.

The current pandemic and its accompanying socioeconomic, health and political rifts, Orbe says, are now lending even more powerfully affirmative way and not in a Machiavellian way where you’re trying to dominate others?” he asks.

This embrace of respectful and productive dialogue also meshes with WMU’s spring semester series called “We Talk: Embracing Free Speech and Civil Discourse,” an inclusive effort targeted toward helping us realize our similarities while appreciating our differences.

Years ago, Orbe noticed a glaring gap in communication course content—the toughest subjects pertaining to subjects such as race, sex and spirituality profoundly impact people, but they’re not addressed in classrooms. So, he designed Taboo Topics from scratch, and has taught it every fall for the past 11 years.

Orbe’s work has since inspired similar courses offered at Indiana University and the University of Alabama, and it has captured national recognition. In summer 2018, the National Communication Association selected him to lead a weeklong teaching workshop on Communication About Taboo Topics to faculty members from across the country.

“[Our world is increasingly diverse on so many different levels, and unless we’re teaching the skills on how to understand, we’re never going to have communication, which requires sustained shared meaning. We’re never going to have intercultural communication],” says Orbe, whose intersectional interests in communication, culture, race and qualitative research and pedagogy have resulted in hundreds of articles, chapters, books and presentations.

Many Taboo Topics veterans say their course experiences changed them for the better and provided them with some of their most valuable college takeaways. “This was the top course that transformed my thinking, that I can easily draw from in everyday life,” says alumnus Jonathan Pulley, who serves as a W.K. Kellogg Foundation Racial Equity Program officer. “One thing I drew from this class is, I can be who I am, but I honor and respect people with different experiences who believe differently.”

“Family secrets, race, faith and religion, death, intercultural relationships, kinks/sex/masturbation and fear were just a few of the topics we discussed,” says alumnus Hailey Mangrum, who is now the assistant director of leadership development for fraternity and sorority life at Virginia Tech. She now knows how to “set up a space for dialogue... engage people from opposite ends of the spectrum and help folks understand the negotiations we make every day based on the intersections of our identity,” she says.

Claire Hernandez, a senior who took the course in fall 2019, focused her final project on an impromptu conversation she had with a friend who admitted she was contemplating suicide. Hernandez used her listening, empathetic and critical thinking skills she’d gleaned from Taboo Topics to ensure her friend felt safe, supported and heard.

As for Orbe, he says he hopes to teach Taboo Topics as long as he can remain a student teacher who is learning along with his pupils. “Dare I say, if we give students the opportunity to teach us, they will teach us. I’m not the only teacher,” says Orbe. “There’s a certain cultural humility that has to come in here from everyone. All of us has something to learn.”
**Classnotes**

Send submissions to: deanne.puca@wmich.edu. Include your name (first, middle, last, maiden), degree(s), years at WMU, and contact information. We will publish photos as space permits.

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**Thomas Hitchenson, BS ‘77,** was named executive director of the Genesee County Habitat for Humanity in Flint, Michigan.

**L. Graham Ward, ’10,** director of the Center for Economic Development and the Rural-urban Transition at WMU, was named a 2020 Outstanding Women Award recipient.

**Denis M. Rally, MBA ‘17,** is the director of AmeriSource Bergen Corporation in Valley Forge, Pennsylvania.

**Frank Calveruso, BS ‘89,** is a national sales manager for StrategyShares (TIPS) in Porter Verdrea Beach, Florida.

**David A. Miller, ’73,** is the National Director of Citizenship for Guardian Life Insurance in Overland Park, Kansas.

**Mary Brestel, ’90,** has been appointed by Indiana Governor Eric Holcomb to the Portage County Circuit Court.

**Brian Allen, ’90,** is vice president of sales and marketing for MCT Robotics in Chicago, Illinois.

Moorehead Project radio show on WBGU-FM is sponsored by Owner-Builder Network.

**Fred Smith, ’70,** of Shreveport, Louisiana, was recognized by the National Federation of State High School Associations during the 50th National Associations Directors Conference in December 2019. Retiring as executive director of the NFHS, Mr. Smith was named 2019 outstanding women award recipient.

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**Ron Bailey, BS ’10,** is a global product manager for board-level marketing of low voltage solutions at GE Power in Kalamazoo, Michigan, as a GE Technical Leader. The company is a division of General Electric.

**Philippa Zielinska (Kurtz), BS 92,** is the director of the Institute for Advanced Computer Studies (IACS) at the University of Maryland, where she is an investigator and the director of the Maryland Women Business Owners Hall of Fame. IACS is a research lab that focuses on technology and entrepreneurship.

**Ann Stewart, MA ’10,** is one of the founders of Michigan’s first and only Women’s Business Resource Center based out of Indiana.

**Andrew Brown, BS ’91,** is the founder and CEO of StringWorks, a company that designs, manufactures, and distributes musical instruments.

**Dana Stachowiak, BS ’16,** is the founder and CEO of Genesee County Habitat for Humanity in Flint, Michigan, a global nonprofit organization that builds affordable homes for low-income families.

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**Pawlowski**

**Steven M. Prawicki, BS ‘04,** is an account executive for First American Title Insurance Company.

**Carolyn Prawicki, BS ’95,** is the marketing manager for Kalamazoo Community Foundation.

**Lynn L. Chen-Zhang, MBA ’91,** is the chair of the WMU Board of Trustees.

**Birtloski, MBA ’83,** is president and chief executive officer of The Right Place, Inc., the regional economic development organization for western Michigan. She is also a past chair of the WMU Board of Trustees.

**Michelle LaJoye-Young, MPA ’78,** Kent County sheriff since November 2018.

**Wendy Sellers, BS ’92, MA ’13,** consultant, author, speaker and owner of The HR Lady consultant firm.

**Dana R. Sieger, BS ’73, MSW ’78,** president of the Grand Rapids Community Foundation who has held numerous other leadership positions in the Grand Rapids area.

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**50 Most Influential Women in West Michigan for 2020**

Regional business publication Grand Rapids Business Journal named six WMU alumni as “50 Most Influential Women in West Michigan” for 2020. These honorees were profiled in the 50 Most Influential Women in West Michigan magazine supplement, published in the Grand Rapids Business Journal on the 19th March. The biannual event drew 850 people in 2018.

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**Lynn L. Chen-Zhang, MBA ’91,** member of the WMU Board of Trustees, certified financial planner and certified public accountant, chair, chief operating officer and chief compliance officer with Zhang Financial. She also is vice president of the WMU Foundation Board.

**Amanda Fielder, BS ‘02,** partner with Grand Rapids, Michigan-based law firm Warner Norcross and Judd.

**Birtloski, MBA ’83,** president and chief executive officer of The Right Place, Inc., the regional economic development organization for western Michigan. She is also a past chair of the WMU Board of Trustees.

**Michelle LaJoye-Young, MPA ’78,** Kent County sheriff since November 2018.

**Wendy Sellers, BS ’92, MA ’13,** consultant, author, speaker and owner of The HR Lady consultant firm.

**Dana R. Sieger, BS ’73, MSW ’78,** president of the Grand Rapids Community Foundation who has held numerous other leadership positions in the Grand Rapids area.
BRONCOS' BEST

Music theatre performance graduate Kobe Brown shined on stage at WMU. Now, he’s ready for the next act in his career—taking his talents to Tokyo Disneyland.