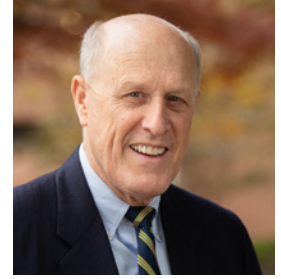


the PRESIDENT'S MESSAGE

OCTOBER 2020



20 THINGS YOU MIGHT NOT KNOW ABOUT DR. JARRELL

In lieu of his regular monthly column, we sat down with Bruce E. Jarrell, MD, FACS, to find out a bit more about him shortly after he was named the seventh president of the University of Maryland, Baltimore (UMB).

- 1** Dr. Jarrell was born and raised in Caroline County on Maryland's Eastern Shore, and his family is rooted in Maryland and Delaware. He comes from a family of farmers and teachers, and he and his brother are the first doctors in his family. His wife and son are physicians, too.
- 2** He credits many teachers who have inspired him. Among them was his high school physics teacher — Mr. Walsh. Dr. Jarrell grew up in a farming community where kids had to work, didn't have time for school, and academics weren't the highest priority. Mr. Walsh stimulated his students to think deeply about physics — and he showed Dr. Jarrell that everyone has the tremendous capacity to think, question, and eventually solve a problem.
- 3** He went to the University of Delaware to study engineering and is a mechanically minded person. He went into medicine because he wanted to marry engineering with medicine. It allowed him to connect the engineering and medicine aspects of the artificial kidney to help patients.
- 4** He doesn't drink coffee — ever. He sticks to tea.
- 5** He holds a number of patents, the first of which he developed with a nephrologist for a peritoneal dialysis apparatus that is still in use today.
- 6** Dr. Jarrell approaches problems as an engineer. He gathers data before making a pragmatic decision. Surgeons and engineers need to come up with solutions that can be actualized — not theoretical solutions. Decisions need to be able to be put into action.
- 7** Without having all the data, he will not declare a winner of the BEST crab cake in Maryland, but if you're on the Eastern Shore, you should find Suicide Bridge Restaurant and try theirs.
- 8** His first step in approaching an issue is to listen. He does not want to prejudice — either the person or their ideas — and does not want to insert his idea until he has really heard what

people have to say. He believes that interesting solutions come up when you allow people to bring their ideas to the table. There are many reasons why things can fail — and there are just as many reasons why they can succeed.

- 9** In his view of the world, there is extraordinary value in being part of a diverse and inclusive community. You can have a diverse community, but you have to involve people, listen to what they are saying, and make them part of the solution — that's inclusion.
- 10** He's read all of the *Harry Potter* and *Lord of the Rings* books, several times. Right now, he's exploring photo books of blacksmithing, and if he had more time, he'd write more articles for the blacksmithing magazine. He's a member of the Blacksmith Guild of Central Maryland.
- 11** He has written a number of books, including multiple editions of the popular textbook *NMS Surgery* and the *NMS Surgery Casebook*.
- 12** If given the choice, Dr. Jarrell would pick talking to ordinary people over celebrities. He really enjoys getting to know people and hearing about their lives, what interests them, and their hobbies.



DR. JARRELL ENJOYS GETTING TO KNOW PEOPLE. IN FEBRUARY, HE SURPRISED JASNEHTA PERMALA BOOTH WITH THE UMB EMPLOYEE OF THE MONTH AWARD, THEN SPENT A HALF-HOUR DISCUSSING HER BACKGROUND AND THE WORK SHE DOES AT THE CENTER FOR VACCINE DEVELOPMENT AND GLOBAL HEALTH.

Continued on p. 2

Continued from previous page

13 His six grandchildren introduced him to his guilty pleasure snack: goldfish crackers.

14 Creating an environment where people feel empowered to speak up is necessary. He shared an analogy of an airplane pilot headed toward a crash, but the second in command doesn't say anything. The pilot has to address the underlying problem of lack of teamwork and communication — how to create the environment to allow others to speak up. Someone who thinks they alone have all the answers is incorrect. You can be a great problem-solver if you have the ability to hear different solutions.

15 He understands that failure is an important part of the learning process. As a surgeon, you know when a procedure has not gone as planned — the patient gets sicker. In the world of engineering, when an engineered solution fails, something breaks or falls down, so you know it failed. The point is, do not think of yourself as right or wrong, but look at failures as a way to learn — and to commit to continually learning and improving.

16 When pushed to pick a superpower he'd like to possess, his would be the ability to have a long and healthy life. He thinks that instead of superpowers, everyone has super qualities and characteristics to admire, especially people who give of themselves.

17 He doesn't like to be the center of attention.

18 He appreciates music and likes to explore the way artists interpret pieces, especially classical, choral, and opera. YouTube has been a savior during the COVID-19 pandemic. He likes to follow new composers and listen to the way different people will perform a piece. For example, he recently listened to 10 different sopranos sing Mozart's "Queen of the Night" aria from *The Magic Flute*, appreciating how each one interpreted and performed the piece.

19 He misses seeing everyone on campus at UMB, especially walking around and having conversations about what's going on.

20 He believes that UMB will find a way to control COVID-19 — medically, legally, and socially. He volunteered for the Center for Vaccine Development and Global Health's clinical trial because he believes in taking part and believes in UMB. UMB is packed full of accomplished students, faculty, and staff who are committed to health and social justice, and he thinks there's no better place to be.

DIVERSITY
ADVISORY
COUNCIL

VIRTUAL
DIVERSITY SPEAKER SERIES



"History Reconsidered" **A Lecture with Clint Smith**

Clint Smith, PhD, is a writer, teacher, and Emerson Fellow at New America, a national think tank. In this talk, he will push the audience to wrestle with complicated truths about the United States.

OCT. 22 | **4 TO 5:15 P.M.**

Register at umaryland.edu/clint-smith

LAURELS

OCTOBER 2020

UNIVERSITYWIDE



TASHARA C. BAILEY

TaShara C. Bailey, PhD, MA, director of STEM curriculum and director of programs, UMB CURE Scholars, and lecturer, Graduate School, earned a certificate

of achievement for “Mentoring in Higher Education Training” from the National Institutes of Health-sponsored ASCEND Center for Biomedical Research at Morgan State University.



LYNELL PENDLETON

Lynell Pendleton, director of disbursements, Financial Services, was named UMB’s April Employee of the Month for her efforts to implement Quantum

Financials, the University’s financial accounting and reporting system, as well as for her response during the COVID-19 pandemic.



M.J. TOOLEY

M.J. Tooley, MLS, AHIP, FMLA, associate vice president, Academic Affairs, and executive director, Health Sciences and Human Services Library,

participated as a coach and delivered the keynote address “Pursuing and Growing Leadership: We Can All Be Leaders” at the American Association of Law Libraries’ Leadership Academy.



LAUREN WHEELER



MARY ANN WILLIAMS

Lauren Wheeler, MLIS, and **Mary Ann Williams, MSLS**, research, education, and outreach librarians, Health Sciences and Human Services Library, presented their poster, “What Did the Doctor Say? A Health Literacy Workshop Helps Health Care Providers Improve Patient Communication,” at the Medical Library Association’s annual meeting.

SCHOOL OF DENTISTRY



PATRIK BAVOIL

Patrik Bavoil, PhD, professor and chair, Department of Microbial Pathogenesis, was unanimously re-elected for a second term as trustee/director,

research and publications, at the European Microbiology Societies’ annual general meeting.



GARY D. HACK

Gary D. Hack, DDS, associate professor, Department of Advanced Oral Sciences and Therapeutics, wrote “A Developmental Marker of

Schizophrenia: A Compelling Case Study of the Value

of International, Interprofessional Collaboration to Enhance Research Efforts,” which was published in the Consortium of Universities for Global Health’s 2020 e-book.



MARY ANNE MELO

Mary Anne Melo, DDS, PhD, MSc, associate professor and director, Division of Operative Dentistry, Department of General Dentistry, was awarded the

2020 Jon B. Suzuki Research Award from the National Dental Honor Society Omicron Kappa Upsilon. The award encourages dental school faculty members to initiate and develop clinical or basic science research.

Eung-Kwon Pae, DDS, MSc, PhD, associate professor, Department of Orthodontics and Pediatric Dentistry, co-authored “A Clinically Friendly Viscoelastic Finite Element Analysis Model of the Mandible with Herbst Appliance,” which was published in the *American Journal of Orthodontics and Dentofacial Orthopedics*.



JEFFERY B. PRICE



VANDANA KUMAR

Jeffery B. Price, DDS, MS, clinical associate professor and director of oral radiology, Department of Oncology and Diagnostic Sciences, is the UMSOD principal investigator collaborating with Dentuit, a local

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LAURELS

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startup, on the new research project “A Machine Learning Framework for Comprehensive Dental Caries Detection.” The National Science Foundation (NSF) has awarded a



VINEET DHAR

Small Business Technology Transfer Award of \$225,000 to Dentuit and UMSOD for the project. Co-investigators are **Vandana Kumar, DDS, MDS, MS**, clinical associate professor, Department of Oncology and Diagnostic Sciences, and **Vineet Dhar, BDS, MDS, PhD**, clinical professor and chair, Department of Orthodontics and Pediatric Dentistry.

Abraham Schneider, DDS, PhD, associate professor, Department of Oncology and Diagnostic Sciences, and **Huakun Xu, MS, PhD**, professor, Department of Advanced Oral Sciences and Therapeutics, and director, Division of Biomaterials and Tissue Engineering, received a two-year, \$424,875 grant from the National Institute of Dental and Craniofacial Research for “A Novel Metformin-Nanomineral Scaffold as Enhancer of Craniofacial Bone Regeneration and Angiogenesis via Dental Pulp Stem Cells.”



JOYCE TEIXEIRA DA SILVA

Joyce Teixeira da Silva, PhD, postdoctoral researcher, was selected to participate in the Society for Neuroscience’s Neuroscience Scholars Program,

a two-year online training open to under-represented graduate students and postdoctoral researchers.

CAREY SCHOOL OF LAW



KAREN CZAPANSKIY

Karen Czapanskiy, JD, professor, wrote a letter to the editor “Honor Women’s Suffrage by Voting — Safely,” which was published in the *Frederick News-Post*.



PETER DANCHIN

Peter Danchin, JD, professor and associate dean, research and faculty development, co-authored “Navigating the Backlash Against Global Law and Institutions,” which was published in the *Australian Yearbook of International Law*.



DON GIFFORD

Don Gifford, JD, professor, co-authored *2020-4 Cumulative Supplement to Harper, James and Gray on Torts*, which was published this year by Wolters Kluwer.



LEIGH GOODMARK

Leigh Goodmark, JD, professor and co-director, Clinical Law Program, wrote “Reimagining VAWA: Why Criminalization Is a Failed Policy and

What a Non-Carceral VAWA Could Look Like,” which was published in the *Violence Against Women Journal*.

Paula Monopoli, JD, professor and director, Women, Leadership, and Equality Program, wrote *Constitutional Orphan: Gender Equality and the Nineteenth Amendment*, which was published this year by Oxford University Press.

Robert Percival, JD, professor and director, Environmental Law Program, wrote *Environmental Law: 2020-21 Statutory and Case Supplement*, which was published this year by Wolters Kluwer.



NATALIE RAM

Natalie Ram, JD, professor, was quoted in the article “The Best DNA Testing Kit,” which was published in *The New York Times Wirecutter*.

SCHOOL OF MEDICINE

The following is a select list. For all the SOM laurels, visit www.somnews.umaryland.edu.

Scott Baliban, PhD, research associate, was the first author of “Overview of the Nontyphoidal and Paratyphoidal Salmonella Vaccine Pipeline: Current Status and Future Prospects,” which was published in *Clinical Infectious Diseases*.



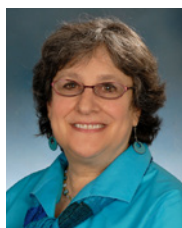
JAMES CAMPBELL

James Campbell, MD, professor of pediatrics, Center for Vaccine Development and Global Health, was awarded \$1.56 million from the National Institute of Allergy and

LAURELS

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Infectious Diseases for a Phase 1 clinical trial of FluGen influenza vaccine in children.



KAREN KOTLOFF

Karen Kotloff, MD, MPH, professor of pediatrics, and **Matthew Laurens, MD, MPH**, associate professor of pediatrics, both from the Center for Vaccine

Development and Global Health (CVD), were awarded a \$5.48 million contract from the National Institute for Allergy and Infectious Diseases to conduct a Phase III trial of the Moderna, Inc., mRNA vaccine. Kotloff also was awarded \$1.5 million from the Bill and Melinda Gates Foundation for “COVID-19 Surveillance Leveraging Existing Platforms” at CVD-Mali.

Miriam Laufer, MD, MPH, professor of pediatrics, Center for Vaccine Development and Global Health, was awarded a \$3.075 million R01 grant from the National Institutes of Health for “Neurocognitive Development of HIV-Exposed and Uninfected Infants in Malawi.”

Timothy Miller, MD, associate professor, Department of Diagnostic Radiology and Nuclear Medicine, was awarded \$90,270 from MicroVention, Inc., for the clinical study “SOFAST: Sofia Aspiration System as the First Line Technique” for the treatment of patients with acute ischemic stroke.

Jessica Mong, PhD, professor, Department of Pharmacology, received a five-year, \$1.3 million

competitive T32 renewal from the National Institutes of Neurological Disorders and Stroke for “Multidisciplinary Training Program in Neuroscience.”



JESSICA MONG



KATHLEEN NEUZIL

Kathleen Neuzil, MD, MPH, the Myron M. Levine, MD, DTPH, Professor in Vaccinology, and director, Center for Vaccine Development and Global Health,

was awarded \$1.4 million from Pfizer for “A Phase 1/2 Placebo Controlled, Randomized, Observer-Blind, Dose-Finding Study to Describe the Safety, Tolerability, Immunogenicity, and Potential Efficacy of SARS-CoV-2 RNA Vaccine Candidates Against COVID-19 in Healthy Adults.”



VINCENT NJAR

Vincent Njar, PhD, professor of medicinal chemistry and pharmacology, Department of Pharmacology, and head, medicinal chemistry section,

Center for Biomolecular Therapeutics, and **Purushottamachar Puranik, PhD**, assistant professor, Department of Pharmacology, were among the co-inventors of “Methods of Treating Pancreatic Cancer,” which was issued a U.S. patent.

Justin Ortiz, MD, associate professor of medicine, Center for Vaccine Development and Global Health, was awarded \$4.99 million from the National Institute of Allergy and Infectious Diseases (NIAID) for a dose-ranging challenge study of H3N2 influenza virus. Ortiz also was awarded a \$1.54 million U01 grant from NIAID for “A Phase I Randomized Clinical Trial of a Novel Mucosal Recombinant H5 Influenza Vaccine w/Nano Emulsion Adjuvant Followed by Parenteral Boost of Licensed Inactivated Influenza A H5N1 Vaccine.”



JUSTIN ORTIZ



SHANNON TAKALA-HARRISON

Shannon Takala-Harrison, PhD, associate professor of medicine, Center for Vaccine Development and Global Health, was awarded a \$3.7 million R01

grant from the National Institute of Allergy and Infectious Diseases for “Genomic and Geospatial Analyses of Malaria Parasite Migration to Inform Elimination.”

Milagritos Tapia, MD, professor of pediatrics, was among the authors of “Efficacy, Duration of Protection, Birth Outcomes, and Infant Growth Associated with Influenza Vaccination in Pregnancy: A Pooled Analysis of Three Randomized Controlled Trials,” which was published in *The Lancet Respiratory Medicine*.

LAURELS

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SUI-SENG TEE

Sui-Seng Tee, PhD, assistant professor, Department of Diagnostic Radiology and Nuclear Medicine, was awarded a two-year, \$397,258 grant from the

National Institutes of Health for “Fructose Metabolism as a Biomarker for Monitoring Hepatocellular Carcinoma.”

Sharron Tennant, PhD, associate professor of medicine, accepted a position as deputy editor of *PLOS Neglected Tropical Diseases*

SCHOOL OF NURSING



NANCY BOLAN



LYNN MARIE BULLOCK

Nancy Bolan, PhD, MPH, FNP, CNM, assistant professor, was named director of the Office of Global Health (OGH), and **Lynn Marie Bullock, DNP, RN, NEA-BC**, assistant professor, was named director of the Office of Professional Education (OPE).



KIRSTEN CORAZZINI

Kirsten Corazzini, PhD, FGSA, professor and associate dean, PhD program, was elected to serve as vice chair-elect for the Gerontological

Society of America’s Health Sciences Section. Her four-year term will begin Jan. 1, 2021.



SUSAN G. DORSEY



MARY ETTA C. MILLS

Susan G. Dorsey, PhD, RN, FAAN, professor and chair, Department of Pain and Translational Symptom Science, and **Mary Etta C. Mills, ScD, RN, NEA-BC, FAAN**, professor, received University of Maryland Medical Center 2020 Nursing Colleague Awards, presented annually to faculty members who exemplify excellence as mentors and educators.



TONYA SCHNEIDEREITH

Tonya Schneidereith, PhD, CRNP, PPCNP-BC, CPNP-AC, CNE, CHSE-A, associate professor, and eight UMSON alumnae were

selected as fellows of the American Academy of Nursing for their contributions to health care. Schneidereith also was named a fellow of the National League for Nursing’s (NLN) Academy of Nursing Education and was inducted at the 2020 NLN Education Summit.

SCHOOL OF PHARMACY

Sandeep Devabhakthuni, PharmD, associate professor, Department of Pharmacy Practice and Science, was inducted as president of the Maryland Society of Health System Pharmacy.



SUSAN DOSREIS

Susan dosReis, PhD, professor, Department of Pharmaceutical Health Services Research, received a one-year, \$99,991 contract from the Maryland

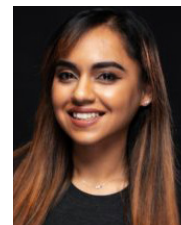
Department of Health for “Maryland State Foster Care Psychotropic Monitoring” and a 16-month, \$109,647 contract from Pharmaceutical Research and Manufacturers of America for “Impact of COVID-19 on Patient Values in Healthcare.”



JOGA GOBBURU

Joga Gobburu, PhD, professor, Department of Pharmacy Practice and Sciences, and director, Center for Translational Medicine, received a two-year, \$35,000

contract from MacroGenics, Inc. for “PK Analysis of MGD014.”



MAHA HAQ

Maha Haq, a student in the MS in Medical Cannabis Science and Therapeutics program, received a Veriheal Innovation in Cannabis Scholarship.

LAURELS

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STEPHEN HOAG

Stephen Hoag, PhD, professor, Department of Pharmaceutical Sciences, and director, Applied Pharmaceutics Lab, received a two-year, \$62,278 contract from the

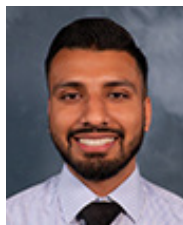
U.S. Food and Drug Administration for “Manufacturing an In Vitro Component for Evaluating Generic and New Animal Formulations That Are Not Systemically Absorbed.”



ASHLEE MATTINGLY

Ashlee Mattingly, PharmD, assistant professor, Department of Pharmacy Practice and Science, was inducted into the University of Kentucky College of Pharmacy’s

Hall of Distinguished Alumni.



FAISAL MINHAJ

Faisal Minhaj, PharmD, clinical toxicology fellow, received a one-year, \$4,000 grant from the American Academy of Clinical

Toxicology for “In Vitro Analysis of the Interference of N-Acetylcysteine on INR Values.”

C. Daniel Mullins, PhD, professor and chair, Department of Pharmaceutical Health Services Research, and executive director, PATIENTS Program, received a one-year, \$300,000 grant from the U.S. Food and Drug Administration for

“Communicating About COVID-19 Testing to Underrepresented Populations,” and a one-year, \$393,492 grant supplement from the National Institutes of Health for “Alzheimer’s Disease and Related Dementias Supplement to ‘Building Trust to Enhance Diversity in Aging Research.’”



C. DANIEL MULLINS



NEHA PANDIT

Neha Pandit, PharmD, associate professor, Department of Pharmacy Practice and Science, received a three-year, \$1.3 million contract from the Maryland

Department of Health for “Antiretroviral Adherence Improvement Through Collaboration Among Prescribers, Payers, Pharmacists, and Health Department Programs — AdhereP4.”

Eleanor Perfetto, PhD, professor, Department of Pharmaceutical Health Services Research, received a three-month, \$43,249 contract from Pharmaceutical Research and Manufacturers of America for “Evidence Quality in Economic Evaluations.”

Fadia Shaya, PhD, professor, Department of Pharmaceutical Health Services Research, received a \$267,057 contract from the Maryland Department of Health for “Technical Assistance/Evaluation for the Maryland Substance Abuse Prevention and Treatment Block Grant Prevention Program.”

Linda Wastila, BSPHarm, MSPH, PhD, the Parke-Davis Chair in Geriatric Pharmacotherapy, Department of Pharmaceutical Health Services Research, received a two-year, \$218,840 contract from Novartis Pharmaceutical Corporation for “Novartis Outcomes Research Fellowship.”



LINDA WASTILA

SCHOOL OF SOCIAL WORK



RICHARD P. BARTH

Richard P. Barth, PhD, MSW, professor and former dean, was named to the Steering Committee of the Universitas21 Social Work Community

of Practice, an international organization of research universities with the intention to share excellence, collaborate across borders, and nurture international knowledge exchange.

Jodi Frey, PhD, MSW, professor, is a co-principal investigator on the project “Workplace PROSPER: Partnering to Reduce Opioid Stigma and Promote Employment in Recovery,” which is funded under two U.S. Centers for Disease Control and Prevention agreements with the Maryland Department of Health.

LAURELS

OCTOBER 2020



SAMANTHA FULD

Samantha Fuld, PhD, clinical assistant professor, wrote “Demarginalizing Intellectual and Developmental Disabilities in Graduate Social Work Education,”

which was published in the *Journal of Social Work Education*.



LAURIE GRAHAM

Laurie Graham, PhD, assistant professor, co-authored “Fatalities Related to Intimate Partner Violence:

Towards a Comprehensive Perspective,” which was published in *Injury Prevention* and examined the contribution of intimate partner violence to violent deaths in North Carolina from 2010-2017.



LAUREN MCCARTHY

Bethany Lee, PhD, professor, and **Lauren McCarthy, PhD** student, co-authored

“Knowing That I Wasn’t Alone: An Evaluation of a Therapeutic Camp

Reunifying Siblings in Foster Care,” which was published in *Children and Youth Services Review*.



JUDITH PARK

Judith Park, MSW/MPH student, wrote “COVID-19 Response in Countries with Single-Payer & Implications for Impoverished Populations,”

which was published by the National Health Care for the Homeless Council.

Corey Shdaimah, PhD, the Daniel Thursz Distinguished Professor of Social Justice, co-authored “The Faintest Stirring of Hope Became Possible: Pandemic Postscript, Ethics and Social Welfare,” which was published in *Ethics and Social Welfare*.

HUMAN RESOURCES

2021 HEALTH BENEFITS OPEN ENROLLMENT

OCT. 19 - NOV. 13

You must take action if you want to change plans, change coverage levels, enroll for the first time, or participate in or continue participation in a flexible spending account.

To enroll, employees must log in to SPS Workday, which has moved to a multifactor authentication process that requires you to create new login credentials using your SPS ID (W#). Visit the Open Enrollment website below to access information regarding SPS Workday and actions required during this enrollment period.

ATTRACT. ENGAGE. DEVELOP.

www.umaryland.edu/open-enrollment

COVID-19

OCTOBER 2020

PHASE 3 CLINICAL TRIAL FOR VACCINE UNDERWAY AT SCHOOL OF MEDICINE

Researchers at the University of Maryland School of Medicine (UMSOM) recently began participation in the Phase 3 clinical trial of an investigational COVID-19 vaccine co-developed by scientists at Moderna Inc., and the National Institutes of Health's National Institute of Allergy and Infectious Diseases (NIAID). This represents a key step toward final approval of a vaccine to protect against the SARS-CoV-2 coronavirus that has impacted millions of people around the world.

The vaccine trial is being conducted by researchers in UMSOM's Center for Vaccine Development and Global Health (CVD). This is the first trial to be implemented under Operation Warp Speed, a multi-agency collaboration led by the U.S. Department of Health and Human Services that aims to accelerate the development, manufacturing, and distribution of medical countermeasures for COVID-19.

"Vaccines can be rapidly given to protect whole populations, while treatments must be given to one person at a time after illness or exposure occurs," Kotloff said. "The Moderna mRNA-1273 vaccine has shown promise in early testing in adults of all ages. This next trial will tell us whether it prevents COVID-19."

The virus disproportionately affects older adults, people with unstable medical conditions, and racial and ethnic minorities, making it crucial that the vaccine works well in those who need it most. UMSOM researchers are targeting people who have increased risk of exposure because of location or circumstance, such as occupation, to see whether the vaccine protects them.

As part of that plan, UMSOM researchers will enroll and vaccinate participants in Maryland's hardest-hit communities, including Langley Park in Prince George's County and Baltimore.

Researchers have partnered with CASA, the largest member-based Hispanic and immigrant organization in the Mid-Atlantic region, to recruit participants.

Trial volunteers will receive two intramuscular injections about 28 days apart. Participants will be randomly assigned to receive two injections of the mRNA-1273 vaccine or saltwater placebo. The trial is blinded, so investigators and participants will not know who is assigned to which group until the study is over.

Participants will be asked to provide a nasopharyngeal swab and a blood sample at an initial screening visit as well as at several time points after each vaccination and over the next two years after the second vaccination. Scientists will examine blood samples in the laboratory to better understand the immune responses to SARS-CoV-2 that provide protection.

One volunteer is UMB President Bruce E. Jarrell, MD, FACS, who has participated in a number of previous vaccine trials at CVD.

"For me to assure people that the clinical trial is first-rate, I need to participate in it," he said. "I've also encouraged senior leaders at UMB to participate in these trials. Because the trial is blind, I have no assurance that I'm protected, so I will continue to take measures to protect myself and others — wearing a mask, washing my hands, practicing social distancing, and avoiding groups of people."

— Joanne Morrison

Read more at UMB News.



UMB PRESIDENT BRUCE JARRELL IS PARTICIPATING IN A COVID-19 VACCINE TRIAL AT THE CENTER FOR VACCINE DEVELOPMENT AND GLOBAL HEALTH.

The principal investigators are Karen Kotloff, MD, professor, and Matthew Laurens, MD, MPH, associate professor, both in the Department of Pediatrics. The UMSOM site, which looks to recruit several hundred participants, is part of the nationwide trial being conducted at 89 research sites that is expected to enroll 30,000 adults.

UMB WEBINAR SERIES EXAMINES HUMAN RIGHTS IN UNITED STATES

The University of Maryland, Baltimore (UMB) added its voice to the global conversation about racial justice during a panel that was part of a virtual Graduate School convocation ceremony Sept. 17 organized by the Center for Global Engagement (CGE).

Moderated by Roger J. Ward, EdD, JD, MSL, MPA, interim provost, executive vice president, and dean of the Graduate School, and propelled by panelists from varied backgrounds, “Racial Injustice in the U.S. from a Human Rights Perspective” added a learning component to the convocation program.

The panel discussion kicked off a three-part “Human Rights at Home” webinar series that allows CGE to bring the concepts of international human rights into current discussions about racial justice in the United States, including why the country has taken a divergent route on human rights and how embracing the international human rights system could make a critical impact in addressing systemic racism and differential access to education and health care.

Three UMB panelists — Russell McClain, JD, associate dean for diversity and inclusion, and Peter Danchin, JD, director, International and Comparative Law Program, both from the Francis King Carey School of Law, and Neijma Celestine-Donner MSW, LCSW-C, dean of diversity and inclusion, School of Social Work — were joined by Jackie Smith, PhD, a professor of sociology at the University of Pittsburgh.

A self-described “non-American Black person in America,” Celestine-Donner says the conversation about civil rights — grounded in citizenship — excludes issues that affect Black non-Americans. While Black immigrants face similar challenges in terms of race, they have the additional burden of xenophobia. “For me, when we use the language of human rights, it feels more inclusive,” she noted.

Ward, who came to the United States from Trinidad and Tobago to attend college, said he experienced a similar disconnect when he found himself at odds with African American classmates on the issue of racial justice and civil rights. “Even though we were talking essentially about the same thing, I’m looking at it through a human rights lens, I’m having a different understanding,” he said.

According to McClain, it’s clear to any outsider looking at America’s history of slavery, Jim Crow, and police brutality that the United States is suffering from a serious human rights crisis. He suggested American exceptionalism is the reason the United States views itself outside the notion of human rights.

“I might even go so far as to say the United States is hostile toward any notion of an external foreign standard of conduct,” he said, noting calls in recent years for the impeachment of judges who might rely on international law in their decision-making.



PANELISTS FOR THE WEBINAR WERE (CLOCKWISE FROM TOP LEFT): RUSSELL MCCLAIN, NEIJMA CELESTINE-DONNER, JACKIE SMITH, ROGER WARD, AND PETER DANCHIN.

Danchin, a lawyer who grew up in South Africa during the apartheid years, discussed U.S. attempts to thwart a complaint brought to the United Nations charging South Africa with systematic racial discrimination and human rights violations. American officials feared that if the United Nations could launch an investigation in South Africa, it would start investigating “the condition of Negroes in Alabama,” Danchin said, using the language of the day.

“The kind of disconnect we had, it’s not an accident,” he added. “It was a matter of conscious policy.”

— Laura Lee

Read more at UMB News and register to attend the two remaining series webinars on Oct. 13 and Nov. 17.

ON THE FRONT LINES:

UMB CHAMPIONS OF EXCELLENCE

Congratulations to UMB's newest Champions for their contributions as essential workers during the COVID-19 pandemic.

Alana Kyriakakis, JD, University Counsel
UMB-University Counsel

Bill Crockett, MS, RCRSP, Executive
Director, Campus Life Services and SMC
Campus Center
Campus Life Services
UMB-Academic Affairs

Stacy Holmes, Operations Manager
Parking and Transportation Services
UMB-Administration and Finance

Angela Hall, MBA, Director
Parking and Transportation Services
UMB-Administration and Finance

Kristen McCartin, CMP, Events Specialist
Office of Student Affairs
School of Medicine

Mike Humphrys, MSc, Core Services
Manager
Microbiome Service Laboratory
School of Medicine-Institute for
Genome Sciences

Pamela Crowe, MS, Facilities and
Laboratory Services Manager
Facilities and Lab Services
School of Pharmacy

Kyla Liggett-Creel, PhD, LCSW-C, Clinical
Assistant Professor and Lead Strategist,
Baltimore City Department of Health,
Office of Youth and Trauma Services
School of Social Work

Office of Community Engagement
UMB-President's Office

**School of Nursing Facilities
Department Team**
Administrative Services
School of Nursing

**Human Resources/Public Safety
Hiring Initiative**
Human Resources/Public Safety
UMB-Administration and Finance

Disbursements Leadership Team
Financial Services
UMB-Administration and Finance

Energy Reduction Team
Facilities and Operations
UMB-Administration and Finance

Office of Emergency Management
UMB-Administration and Finance

**Center for Health and Homeland
Security Team**
Center for Health and Homeland Security
UMB

**Parking and Transportation
Maintenance Team**
Parking and Transportation Services
UMB-Administration and Finance

**University of Maryland
School of Dentistry Team**
Oral and Maxillofacial Surgery
School of Dentistry

**Managing Now for a BETTER Tomorrow
Team**
Institute for Innovation and Implementation
School of Social Work

Promise Heights Team
Promise Heights
School of Social Work

CITS/IT Team
Information Services/Technology
UMB-Center for Information Technology
Services (CITS)

Environmental Services Team
Facilities and Operations
UMB-Administration and Finance



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COMMUNITY ENGAGEMENT

OCTOBER 2020

NEWLY RENOVATED CENTER READY, WAITING TO SERVE WEST BALTIMORE

After months of anticipation, the renovation of the University of Maryland, Baltimore's (UMB) new Community Engagement Center (CEC) has been completed on time and under budget.

This historic building at 16 S. Poppleton St. has been reimagined into an architecturally stunning, 20,000-square-foot space with a large event area, a dance and movement studio, private clinical rooms, and a robust computer lab. While preserving some elements of the original architecture, the building presents a bright, open, and welcoming atmosphere that is ready to be enjoyed by members of the community when health and safety protocols allow.

"I am excited that our neighbors' Community Engagement Center is now complete," says CEC director Tyrone Roper, MSW. "I had hoped we'd be able to share in celebrating the opening of the center with our neighbors and partners. I truly look forward to opening the center to everyone once it's safe to do so."

The new CEC is the cornerstone of UMB's Community Campus, a location and concept that demonstrate the University's deep commitment to strengthening West Baltimore in collaboration with its residents. At the CEC, UMB works hand in hand with neighbors to support them in achieving their career goals and give children a safe place to learn and play. This newly renovated center is even better equipped to partner with the community to reach the common goals of health and well-being.

"This center is a place that our community deserves," says Ashley Valis, MSW, UMB's executive director of strategic initiatives and community engagement and a resident of West Baltimore. "Together, we have imagined, planned, brainstormed, and convened many residents to deliver a new center that will be a fun, educational, relaxing, respectful, and transformational space for our neighbors."

This new space is roughly seven times larger than the original CEC, which was located a block away on West Baltimore Street. This major expansion came in response to more than 40,000 recorded visits from men, women, teens, and children who have engaged with the CEC's services and programming since it opened in 2015.

With the additional space, the CEC will provide even more neighbors with resources and programming including weekly food markets, monthly community meals, fitness classes, health services, computer lab access, a free legal clinic, and workforce support and training. It also will provide a home for youth programs including the UMB Police Athletic/Activities

League, CURE Scholars, Emerging Leaders Academy, and the YouthWorks summer jobs initiative.

The additional space also will allow UMB to provide on-site spaces for its community partners, including United Way of Central Maryland (UWCM). Through this partnership, UWCM will expand its widely recognized Ben Center model to UMB's Community Campus, providing neighbors with numerous family-focused programs and services.

While the COVID-19 pandemic is preventing the center from opening to the public, members of UMB's Office of Community Engagement have been working tirelessly to provide some of its programming and resources to West Baltimore neighbors using virtual platforms.



UMB'S NEW COMMUNITY ENGAGEMENT CENTER IS LOCATED AT 16 S. POPPLETON ST.

The CEC's newest virtual program is Rec2Tech, which will launch in October. The program, created through a partnership among UMB, James McHenry Elementary/Middle School, and Baltimore City Parks and Recreation, teaches students ages 11 to 15 about science, technology, engineering, arts, and math. Through virtual classes, participants learn to use technologies such as 3D printers, laser cutters, and digital design software to make their own creative designs.

— Jena Frick

Read more at UMB News.

SECOND EDITION OF '1807' IS ANOTHER ARTISTIC GEM

The University of Maryland, Baltimore's (UMB) Council for the Arts & Culture has released the second edition of its art and literary journal, *1807*, and it's a worthy sequel to the inaugural edition that was published in 2019.

Publishing the journal was a meaningful accomplishment in challenging times given the trials of COVID-19, teleworking, and trying to achieve balance in a topsy-turvy world.

As Jennifer Litchman, MA, senior vice president for external relations, special assistant to the president, founder and chair of the Council for the Arts & Culture, and *1807* editor-in-chief, said in her introduction, "We need art now more than ever. The first half of 2020 has been an unprecedented time for all of us."

And *1807* doesn't disappoint. An appreciation for art and the University's artists allowed UMB to transcend these obstacles and resulted in a beautiful anthology of artwork that speaks to the council's goal of creating a collection of previously unpublished works that broadly and creatively relate to its themes of social justice, health, healing, the mind, and the body.

The cover features a colorful and elegant painting by Fahimeh Razian, a student in the Dental Hygiene Program at the University of Maryland School of Dentistry. She graduated from the Institute of Visual Arts in Iran and was an art teacher for 10 years. Razian describes her painting as "tulip flowers with a watercolor technique."

Dana Rampolla, creative director and managing editor of the journal, describes the awareness you have as you open the cover, saying, "It has a sensual, soft-touch finish with an embossed title that features a clear foil overlay. The smell is reminiscent of a

childhood art room. And the interior pages have a silky smooth feel as you gently turn them.

"My goal is to make the journal itself part of the art," Rampolla added. "From the layout to the printed product, I want the reader to relish each turn of the page as a tactile and visual experience while finding tranquility enjoying the creativity of our UMB community."



THE SECOND EDITION OF UMB'S ART AND LITERARY JOURNAL FEATURES COVER ART BY FAHIMEH RAZIAN, A SCHOOL OF DENTISTRY STUDENT.

A photograph of the Acadia coastline. An illustration of the pituitary gland. An oil painting on canvas of a tree trunk. A clay pot with an embedded zipper. The journal features beautiful paintings, photography, images of varied and visual art, and writings.

The art takes us to the beach; rock formations in Mexico; gardens in Oregon; a cliff over Svinafellsjokull, an outlet glacier of Vatnajokull (the largest icecap in Europe); Manitoba, Canada; Barcelona, Spain; and beyond.

Likewise, the artists used a variety of tools and materials to create their art — color-coated copper wire, clay, beads, a camera, paint, pastels, glass, pen and paper ... even lab objects and kitchen utensils.

"As the late civil rights activist and U.S. Rep. John Lewis said, 'Art can take you to another place ... and the pieces said we could dream dreams and be a better people,'" Litchman said. "Let's enjoy the extraordinary art on these pages that the faculty, staff, students, alumni, Medical Center employees, and West Baltimore neighbors have created for us to enjoy and to help us dream our dreams and become better people," Litchman said.

— UMB Staff

Learn more about the journal at the [1807 webpage](#).

CURECORNER

OCTOBER 2020

SCHOLARS SHOW OFF RESEARCH AT VIRTUAL STEM EXPO

The University of Maryland, Baltimore's (UMB) CURE Scholars Program hosted its highly anticipated STEM Expo in late August. The annual event brought together middle school and high school scholars to present their STEM (science, technology, engineering, and math) research posters to peers, medical professionals, and UMB leadership.

Like much of the programming and events since March 2020, the STEM Expo was held virtually because of restrictions and safety procedures put in place by the COVID-19 pandemic. The expo, which is normally held in April on UMB's campus, was prerecorded and streamed on the UMB CURE Scholars Program website so scholars and their families could watch the research presentations together. The dozens of research posters covered a number of topics, ranging from "How Robotics Can Help Brain Cancer" to "Food Insecurity in Baltimore."

"This year's expo is the culmination of a summer of hard work and perseverance for our scholars," UMB CURE executive director Gia Grier McGinnis, DrPH, MS, said in her opening remarks. "We had a great virtual summer program, with over 60 scholars online in July and August. I want to congratulate the scholars and their families for their dedication to learning despite this difficult time. Many of our scholars faced hardship and personal losses this summer but continued to come online with us week after week."

During the STEM Expo, each scholar had the opportunity to present their research posters, which were reviewed by a panel of volunteer judges. The judging was done in a feedback-only format with no numerical scoring, and the comments to scholars were sent privately.

The scholars learned how to develop a research question and find credible sources so they could put together a poster and presentation. Jaliyah Smith, a Cohort 5 scholar who delivered one of the expo's keynote speeches, did her research poster on breast cancer in African American women. She explained that she was enlightened and inspired by the research she conducted.

"At first, I was shocked by the number of people who die from breast cancer," Jaliyah said. "Now that I have done the research,

I think it's important for me to share this information with as many people as possible. I want to spread awareness of breast cancer so that people seek more preventative care and screenings. Hopefully, one day, we'll find a cure."

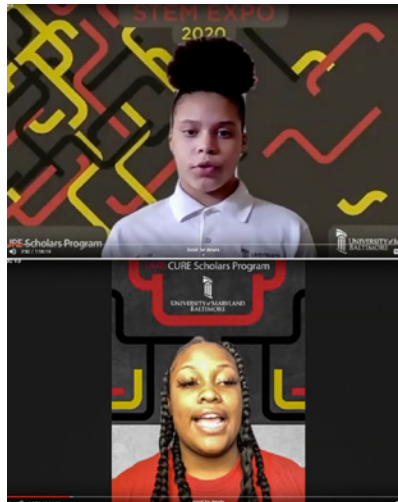
The second keynote speaker was Hali Smith, a rising 10th-grade student at Green Street Academy who gave words of advice and encouragement to the rising ninth-grade scholars.

"CURE is always there for you when you need them," said Hali, a Cohort 2 scholar. "I've been in CURE for four years, and I can tell you that it doesn't matter which mentor you're assigned to, because the whole CURE team will always be there for you. They are the helping hand you need to be successful in your school, career, and life."

UMB President Bruce E. Jarrell, MD, FACS, who also gave remarks during the expo, commended the scholars for the hard work they put into their posters and summer curriculum.

"Scholars, I'm proud of your resilience, especially this year, and am in awe of your dedication to this program," he said. "You inspire all of us."

— Jena Frick



SCHOLARS JALIYAH SMITH (TOP) AND HALI SMITH DELIVERED KEYNOTE SPEECHES AT THE CURE STEM EXPO.

Watch the STEM Expo on UMB's [YouTube channel](#).

MPOWERING THE STATE

OCTOBER 2020

UMB, UMCP RESEARCHERS COLLABORATE TO ADDRESS COVID-19

The Joint Steering Council of the University of Maryland Strategic Partnership: *MPowering the State* (*MPower*), a formal collaboration between the University of Maryland, Baltimore (UMB) and the University of Maryland, College Park (UMCP), has awarded funding to five multidisciplinary research teams to respond to the impact of COVID-19 in Maryland and beyond.

After a review and ranking of 50 submissions by faculty peer representatives from both UMB and UMCP, the steering council awarded \$500,000 in funding to five teams:

two to support vaccine development; one to develop a rapid testing method; one to study psychological factors of vaccine acceptance among African Americans; and one to explore the use of an artificial intelligence tool for delivery of child behavioral health services via telemedicine in rural communities.

The Joint Steering Council issued the call for proposals to mobilize researchers at both institutions to bring solutions that would offer immediate action to address the COVID-19 pandemic and to prepare for future pandemics.

The request for proposals sought timely, impactful projects that would improve the health of Maryland residents by reducing the impact of COVID-19 through scientific, medical, public health, social, behavioral, or policy/legal approaches, or by supporting those most at risk or experiencing the greatest disparities in care.

Roger J. Ward, EdD, JD, MSL, MPA, who is UMB's interim provost, executive vice president, and dean of the Graduate School, is a member of the steering council. "This pandemic is not just a medical crisis, it's a complex human crisis, which requires a multidisciplinary response," Ward said. "We knew that tapping the power of the strategic partnership would bring together top thinkers from all

of the areas of our expertise in medicine and public health, as well as in the social and behavioral sciences, policy, and law."

Funding was offered from \$25,000 to \$100,000 per award, for a duration no longer than 12 months.

"Through *MPower*, we can bring together our significant and complementary research strengths to respond to this public health crisis," said Mary Ann Rankin, PhD, who also serves on the steering council and is UMCP's provost and senior vice president. "Our goal is to harness our collective

faculty expertise to accelerate critical research that will reduce the impact of COVID-19."

The winning teams plan to capitalize on the research expertise of UMB and UMCP and showcase collaboration across multiple colleges and schools. The selected teams consist of faculty from UMCP's College of Arts and Humanities, School of Public Health, and College of Computer, Mathematical and Natural Sciences, partnering with researchers from UMB's schools of medicine, pharmacy, and nursing.

"We knew we would get interest when we asked faculty to collaborate and bring multidisciplinary expertise to respond to

this urgent health crisis," Ward said. "I was very pleased with the large response and the real potential for impact. I'm looking forward to their progress."

— Mary Therese Phelan



CLEMENT ADEBAMOWO, BM, CHB, SCD, OF THE SCHOOL OF MEDICINE'S INSTITUTE OF HUMAN VIROLOGY IS AMONG A TEAM OF RESEARCHERS STUDYING HOW TO IMPROVE THE ACCEPTANCE OF A POTENTIAL COVID-19 VACCINE BY AFRICAN AMERICANS.

Read more and see the list of projects at UMB News.