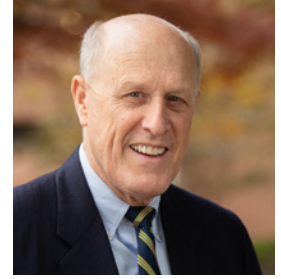


the PRESIDENT'S MESSAGE

DECEMBER 2020



GRANTS AND CONTRACTS: A RECORD-BREAKING YEAR IN REVIEW

In a year when most everything seems different, at least one thing remains the same — the University of Maryland, Baltimore (UMB) had another record-breaking year for grants and contracts awarded to our seven schools. This year, we received \$688 million in awards for our research and training activities, and for the care and services we provide.

UMB continues to lead in the response to the COVID-19 pandemic. We've received nearly \$40 million in COVID-19-related awards from more than 50 federal and corporate sponsors. We were the first U.S. institution to participate in the Pfizer BioNTech vaccine trial and are in Phase 3 of the Moderna trial. In addition to vaccine and prevention trials, researchers are looking at therapeutics, studying the effects of COVID-19 on a range of issues from food insecurity to the impact on lung cancer patients. As we continue to look for and advance solutions, UMB has requested more than \$288 million in COVID-19-related sponsored research.

While our efforts around COVID-19 have played a highly visible role at UMB over the past eight months, it's far from the only work our researchers have been diligently pursuing. Across the institution, there are incredible projects changing the way we approach our biggest challenges in science, law, and social justice, and how we serve the communities and people who need our expertise the most. It would take a book to describe the full scope of work supported with extramural dollars. I hope the following examples of the grants and contracts we won last year illustrate the enormous breadth of what we do, locally and globally, to improve health and well-being.

The **School of Medicine** had a record-breaking year in grants and contracts, with an impressive \$563 million in total Fiscal Year 2020 funding. In FY20, the school received \$60 million from the U.S. Centers for Disease Control and Prevention (CDC) in support of work in Africa for HIV/AIDS. The four multiyear grants will provide more than \$195 million in total. In addition, to support COVID-19 response activities in Botswana, Nigeria, Malawi, and Mozambique, the Center for International Health, Education, and Biosecurity at the Institute of Human Virology was awarded \$4 million by the CDC.

With \$1.1 million from a five-year, \$6.4 million contract from the National Institute of Allergy and Infectious Diseases, the **School of Dentistry** is working to develop a superior vaccine adjuvant. An adjuvant is a component of a vaccine that aids, enhances, or sharpens immune response formulated as part of a vaccine to improve its ability to protect against infection.

The Rebuild, Overcome, and Rise (ROAR) Center at the **Francis King Carey School of Law** received \$1 million from the Governor's Office of Crime Control & Prevention for community-based victims assistance. The ROAR Center aims to work with survivors to create a community in which people who experience crime or systemic injustice are empowered to achieve their own sense of justice, healing, and well-being.

At the **School of Nursing**, faculty members were awarded six Nurse Support Program (NSP) II grants totaling more than \$9.6 million over a five-year period. NSP II grants aid in increasing nursing capacity in Maryland by implementing statewide initiatives to grow the number of nurses prepared to serve effectively in faculty roles and by strengthening nursing education programs at Maryland institutions.

“While our efforts around COVID-19 have played a highly visible role at UMB over the past eight months, it's far from the only work our researchers have been diligently pursuing.”

The Center of Excellence in Regulatory Science and Innovation at the **School of Pharmacy** was awarded \$2.1 million by the U.S. Food and Drug Administration (FDA) from a five-year, \$20 million grant. The center focuses on modernizing and improving the ways drugs and medical devices are reviewed and evaluated. Researchers work with FDA staff to support the development of new tools, standards, and approaches to assess the safety, efficacy, quality, and performance of FDA-regulated products.

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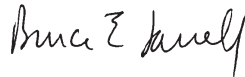
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The Institute for Innovation and Implementation at the **School of Social Work** received a five-year, \$10 million grant from the U.S. Department of Health and Human Services, Administration for Children and Families' Children's Bureau to support timely, stable, and lasting reunification and well-being of families with children in foster care. The grant will allow the Institute and partners to establish the National Quality Improvement Center on Family-Centered Reunification.

We measure UMB's grants and contracts by much more than their dollar value. We measure them by their power to improve people's lives. We also have had a successful year in commercializing the University's discoveries and technologies, which move our ideas out of the lab and into the marketplace. In FY20, UMB licensed 35 of our medical devices and therapeutics to companies, including seven of our own startups.

I thank everyone who contributes to our mission to lead discovery and innovation; to provide care, counsel, and service; and to build the capacity of others in the community who will continue our transformative work. Our efforts matter, whether they are record-breaking or not, and I look forward, every year, to what we'll accomplish together.

Sincerely,



Bruce E. Jarrell, MD, FACS
PRESIDENT



LAURELS

DECEMBER 2020

UNIVERSITYWIDE



VIRGINIA ROWTHORN

Virginia Rowthorn, JD, LLM, assistant vice president for global engagement and senior lecturer, Graduate School, was a panelist for the Consortium of

Universities for Global Health webinar “Improving Short-Term Global Health Activities: Introducing Declaration and Advocacy for Global Health Partnerships” on Oct. 20.



JANE SHAAB

Jane Shaab, MBA, associate vice president for economic development and executive director, University of Maryland BioPark, received a 2020 Icon Honor

from *The Daily Record* recognizing business leaders in Maryland over the age of 60 for their notable success and demonstration of strong leadership within and outside of their chosen field.

SCHOOL OF DENTISTRY

Cynthia Finrock, RDH, MS, clinical instructor, Division of Dental Hygiene, Department of Advanced Oral Sciences and Therapeutics, and staff member, Faculty Practice, was installed as president of the Maryland Dental Hygienists’ Association at the organization’s annual session, held virtually Oct. 22-23.



WILLIAM F. HOFFMAN JR.

William F. Hoffman Jr., MAS, research department administrator, Dean’s Office, co-presented “Investigator/Faculty Onboarding:

Facilitating the Transfer of Your New PI” at the Society of Research Administrators International’s virtual annual meeting in October.

William R. Maas, DDS, MPH, MS, clinical professor, Department of Orthodontics and Pediatric Dentistry, was awarded the John W. Knutson Distinguished Service Award in Dental Public Health by the Oral Health Section of the American Public Health Association. The award honors an individual who has made outstanding contributions to improving oral health in the United States.



JOYCE TEIXEIRA DA SILVA

Joyce Teixeira da Silva, PhD, postdoctoral fellow, was selected to be a mentor in the National Institutes of Health-funded BUILD 2 ASCEND

program, a collaboration between UMB and Morgan State University designed to increase diversity in the biomedical community.

CAREY SCHOOL OF LAW

Taunya Banks, JD, professor, presented “Commemorating the Forgotten Intersection of

the Fifteenth and Nineteenth Amendment” as the keynote speaker at the *St. John’s Law Review* symposium to celebrate the 100th anniversary of the 19th amendment on Oct. 23.



PETER DANCHIN

Peter Danchin, JD, associate dean and professor, presented “Antinomies of Religious Freedom: A Comparative Reading of Egyptian and

European Court of Human Rights Jurisprudence” at the American Society of Comparative Law’s annual meeting Oct. 16.

Deborah Eisenberg, JD, associate dean and director, Center for Dispute Resolution (C-DRUM); **Toby Guerin, JD**, co-director, C-DRUM; and student **David Spinoza** co-authored “The Role of Mediation in an Integrated System of Eviction Prevention,” which was published in the *Maryland Bar Journal*.

Sara Gold, JD, director, Medical-Legal Partnership Clinic, presented “HIV Criminalization” to the Baltimore City HIV Planning Group on Oct. 15.



LEIGH GOODMARK

Leigh Goodmark, JD, professor and co-director, Clinical Law Program, was quoted in “A Reckoning Inside the Domestic-Violence Movement” in

The Nation on Oct. 7.

LAURELS ARE SUBMITTED BY THE COMMUNICATIONS DEPARTMENTS OF THE SCHOOLS AS WELL AS BY REPRESENTATIVES IN VARIOUS UNIVERSITYWIDE OFFICES. THE OFFICE OF THE PRESIDENT IS NOT RESPONSIBLE FOR ERRORS IN THESE SELF-SUBMITTED LAURELS.

LAURELS

DECEMBER 2020

Kathleen Hoke, JD, professor and director, Network for Public Health Law, Eastern Region, presented “Right to Counsel at Eviction Proceedings” at the Indiana Health Law Review’s symposium on the intersection of health equity and housing law Oct. 15.

Seema Kakade, JD, associate professor and director, Environmental Law Clinic, was a panelist at the Environmental Law Institute’s 2020 Policy Forum “Reimagining Environmental Governance” in Washington, D.C., on Oct. 14.

Paula Monopoli, JD, professor and director, Women, Leadership, and Equality Program, wrote “Women, Democracy, and the Nineteenth Amendment,” which was published in the *Boston University Law Review*.

Robert Percival, JD, professor and director, Environmental Law Program, wrote “Remembering Justice Ginsburg, an Environmental Champion,” which was published in the Environmental Law Institute’s “Vibrant Environment” blog Oct. 13.

Karen Rothenberg, JD, professor emeritus, presented “Is Rarer Fairer? An Interactive Drama Explores Justice and Resource-Intensive Therapies for Rare Diseases” at the American Society for Bioethics and Humanities’ virtual annual conference Oct. 15.

Matiangai Sirleaf, JD, professor, wrote “Expendable Lives and COVID-19,” which was published in the Harvard Law Petrie Flom Center’s “Bill of Health” blog Oct. 8.

Rena Steinzor, JD, professor, presented “The Ramifications of the Pandemic for Health Safety and Environmental Law” at Georgetown

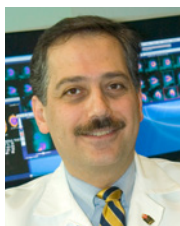
Law School’s Environmental Law Speakers Series on Oct. 8.

Michael Van Alstine, JD, professor and director, Business Law Program, wrote “The Unified Field Solution to the Battle of the Forms under the UN Sales Convention,” which was published in the *William & Mary Law Review*.

Marley Weiss, JD, professor, chaired a workshop and presented “Trade and Labor in the Intertwined Crises of COVID-19, Racial Inequality, and Economic Injustice” at the Peggy Browning Fund’s National Law Student Workers’ Rights Conference on Oct. 17.

SCHOOL OF MEDICINE

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



VASKEN DILSIZIAN

Vasken Dilsizian, MD, professor, Department of Diagnostic Radiology and Nuclear Medicine, was the primary author of “Cardiac Imaging for Coronary Heart

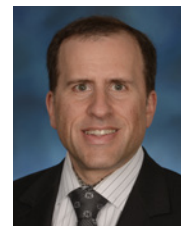
Disease Risk Stratification in Chronic Kidney Disease,” which was published in the *Journal of the American College of Cardiology: Cardiovascular Imaging*.



SARAH DUBBS

Sarah Dubbs, MD, assistant professor, Department of Emergency Medicine, received a National Junior Faculty Teaching Award from

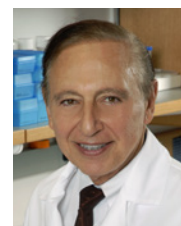
the American College of Emergency Physicians on July 15. The award is given to an outstanding educator who demonstrates superior clinical teaching.



DAVID EISENMAN

David Eisenman, MD, associate professor; vice chair, Department of Otolaryngology-Head and Neck Surgery; and program director, Division of

Otology and Neurotology, wrote “Rereading Arrowsmith in the COVID-19 Pandemic,” which was published in the *Journal of the American Medical Association*.



ROBERT C. GALLO

Robert C. Gallo, MD, the Homer & Martha Gudelsky Distinguished Professor in Medicine and director, Institute of Human Virology, spoke

at the American College of Trial Lawyers’ 2020 annual meeting and 70th anniversary celebration Sept. 24.

Karen Kotloff, MD, professor, and **Matthew Laurens, MD, MPH**, associate professor, both in the Department of Pediatrics, were awarded a \$5.48 million contract by the National Institute of Allergy and Infectious Diseases to conduct a Phase 3 trial of the Moderna, Inc., mRNA vaccine.

Miriam Laufer, MD, MPH, professor, Department of Pediatrics, wrote “Prevalence and Clinical Management of Non-Malarial Febrile

LAURELS

DECEMBER 2020

Illnesses Among Outpatients in the Era of Universal Malaria Testing in Malawi,” which was published in the *American Journal of Tropical Medicine and Hygiene*.



MIRIAM LAUFER



DAVID MARCOZZI

David Marcozzi, MD, associate professor, Department of Emergency Medicine, was interviewed by WBAL Radio to discuss COVID-19 issues

including testing at nursing homes, precautions for people with underlying medical conditions, and safety considerations for school reopenings.



NEERAJA MURALI

Neeraja Murali, DO, MPH, assistant professor, Department of Emergency Medicine, was interviewed on the “Baltimore Sports & Beyond with Bobby Trosset”

podcast, discussing COVID-19 and the University of Maryland Medical Center Midtown Campus.



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 an expert speaker for a town hall to constituents hosted by U.S. Sen. Chris Van Hollen.



ADAM PUCHE

Adam Puche, PhD, professor, Department of Anatomy and Neurobiology, received a \$600,000 award from the Maryland Department of

Health for “COVID-19 Temporary Mortuary Affairs Center (TMAC) Operational Support.” Puche is the director of operations under the Maryland Mass Fatality Plan, tasked with managing unexpected fatality levels.



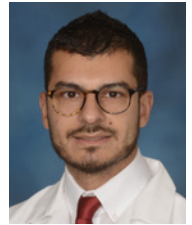
SAIMA RIAZUDDIN

Saima Riazuddin, PhD, MPH, MBA, professor, Departments of Otorhinolaryngology – Head and Neck Surgery, Biochemistry and Molecular

Biology, and Ophthalmology & Visual Sciences, and **Zubair M. Ahmed, PhD**, professor, Departments of Otorhinolaryngology-Head and Neck Surgery and Biochemistry and Molecular Biology, were among the co-authors of “Novel Mutations in *CLPP*, *LARS2*, *CDH23* and *COL4A5* Identified in Familial Cases of Prelingual Hearing Loss” which was published in *Genes*.

Giovannino Silvestri, PhD, MS, research associate of medicine, Division of Infectious Agents and Cancer, Institute of Human Virology,

was the second author of “PI3K δ Inhibition as a Potential Therapeutic Target in COVID-19,” which was published in *Frontiers in Immunology*.



GIOVANNINO SILVESTRI



SHARON TENNANT

Sharon Tennant, PhD, associate professor, Department of Medicine, and **David Rasko, PhD**, professor, Department of Microbiology and Immunology,

co-authored “Examination of 189 *Campylobacter* Species Isolates from the Global Enteric Multicenter Study,” which was published in *Microbiology Resource Announcements*. Tennant also accepted a position as deputy editor of *PLOS Neglected Tropical Diseases*.

Su Xu, PhD, associate professor; **Shiyu Tang, PhD**,

postdoctoral fellow, and **Xin Li, MS**, laboratory research specialist, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among

the co-authors of “Abnormalities in Brain and Muscle Microstructure and Neurochemistry of the DMD Rat Measured by *in vivo* Diffusion Tensor Imaging and High Resolution Localized 1H MRS,” which was published in *Frontiers in Neuroscience*.



SU XU

LAURELS

DECEMBER 2020



LI-QUN ZHANG

Li-Qun Zhang, PhD, professor, Department of Physical Therapy and Rehabilitation Science, co-authored “Plane Dependent Subject-Specific Neuromuscular

Training for Knee Rehabilitation,” which was published in the *Institute of Electrical and Electronics Engineers Transactions on Neural Systems and Rehabilitation Engineering*.

SCHOOL OF NURSING



BENJAMIN CANHA

Benjamin Canha, PhD '20, RN, assistant professor, presented a poster on “Humor & Opioid Recovery” at the Association for Medical Education and Research in

Substance Abuse’s 2020 virtual conference “Together We Rise: Confronting COVID, Racism and Addiction” on Oct. 7.



LORI HARRIS

Lori Harris, MA, director of registration and clinical placements, was named UMB’s July Employee of the Month for her work in shifting students’

clinical placements from in-person to virtual settings and helping facilitate UMSON’s program to allow graduating students to enter

the workforce early to aid the fight against COVID-19.

Jane M. Kirschling, PhD, RN, FAAN, dean, was a recipient of the *Baltimore Business Journal*’s first-ever Leaders in Health Care Awards in the category of Health Education.

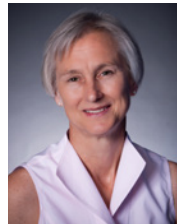


JANE M. KIRSCHLING

Michelle Moulton, DNP '19, MS '09, RN, PCCN-K, CHSE, CNE, assistant professor, received a \$5,000 Academic Nurse Educator Certification Award from the Maryland Higher Education Commission through the Nurse Support Program II for demonstrating excellence as an academic nurse educator by achieving the National League for Nursing’s Certified Nurse Educator credential.



LINDA AVENI MURRAY



NINA TROCKY

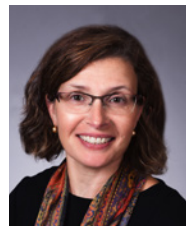
Linda Aveni Murray, DNP '16, MS '84, CPNP-Ped, assistant professor and director, RN-to-BSN Program, and **Nina Trocky, DNP, RN, NE-BC, CNE**, associate professor, presented “P-TECH Nursing Pathway: High School to Associate Degree to Bachelor of Science in Nursing Degree” at the Maryland Nurses Association’s virtual conference spotlight event.

Ernest Opoku-Agyemang, MA, MS, RN, clinical instructor, successfully defended his doctoral dissertation “Development and Usability Testing of a Mobile Health Game Application for Older Adults on Warfarin” and will graduate in December from UMSON’s PhD Program.



ERNEST OPOKU-AGYEMANG

Joanne Pinna, MS, senior instructional technology specialist/web developer, and **Michelle Moulton, DNP '19, MS '09, RN, PCCN-K, CHSE, CNE**, assistant professor,



JOANNE PINNA

delivered the interactive session “Online Professional Development for Nurse Preceptors: A Global Learning Space” at the National League for Nursing Education’s virtual summit Sept. 23-25.



VERONICA QUATTRINI

Veronica Quattrini, DNP, MS '99, BSN '85, FNP-BC, assistant professor, was named senior director, Doctor of Nursing Practice Program, with responsibilities for day-to-day operations and overseeing academic operational aspects such as admissions, clinical placement and tracking, and simulation.

LAURELS

DECEMBER 2020

SCHOOL OF PHARMACY

UMSOP's student chapter of the Academy of Managed Care Pharmacy received second place in the organization's 2020 Chapter of the Year Awards.

Angel Bivens, BSPHarm, MBA, CSPI, assistant director of operations and public education, Maryland Poison Center, was accepted into UMB's Emerging Leaders Program.



ANGEL BIVENS



NICOLE BRANDT



CATHERINE COOKE



BARBARA ZAROWITZ

Nicole Brandt, PharmD, professor, Department of Pharmacy Practice and Science, and executive director, Peter Lamy Center on Drug Therapy and Aging; **Catherine Cooke, PharmD**, research associate professor, Department of Pharmacy Practice and Science, and **Barbara Zarowitz, PharmD**, geriatric pharmacotherapy and clinical research consultant, received the Gold Award for their research poster presented at the 2020 Pharmacy Quality Alliance Annual Meeting.

Heather Congdon, PharmD, associate professor, Department of Pharmacy Practice and Science, was a member of the interprofessional UMB team that received the 2020 George E. Thibault, MD Nexus Award from the National Center for Interprofessional Practice and Education.



HEATHER CONGDON

Catherine Cooke, PharmD, research associate professor, Department of Pharmacy Practice and Science, was invited to be a member of the Maryland Department of Health's Health Services Cost Review Commission Diabetes Measures Work Group.

Daniel Deredge, PhD, research assistant professor, Department of Pharmaceutical Sciences, received a one-year, \$11,369 contract from the University of Kentucky for "Role of Poly (ADP-Ribose) Polymerase 1 in Regulating RNA Polymerase II Elongation and mRNA Splicing."



DANIEL DEREDGE



NATALIE D. EDDINGTON



LEAH SERA

Natalie D. Eddington, PhD, FAAPS, FCP, dean and professor, and **Leah**

Sera, PharmD, associate professor, Department of Pharmacy Practice and Science, were recipients of the *Baltimore Business Journal's* first-ever Leaders in Health Care Awards in the category of Medical Cannabis.

Megan Ehret, PharmD, associate professor, Department of Pharmacy Practice and Science, was appointed to the editorial board of the journal *Pharmacy*.



MEGAN EHRET

Mojdeh Heavner, PharmD, associate professor, Department of Pharmacy Practice and Science, was appointed to the Society of Critical Care Medicine's Center for Disease Control and Prevention Infectious Disease Threats Advisory Panel and was elected secretary/treasurer of the American College of Clinical Pharmacy's Critical Care Practice and Research Network.



MOJDEH HEAVNER

Jace Jones, PhD, assistant professor, Department of Pharmaceutical Sciences, received a one-year, \$48,000 grant from Agilent Technologies for "Rapid and Comprehensive Detection of SARS-CoV-2 Envelope Lipids."



JACE JONES

LAURELS

DECEMBER 2020

Daniel Mansour, PharmD, interprofessional clinical coordinator, Peter Lamy Center on Drug Therapy and Aging, was named a fellow of the American Geriatrics Society.



DANIEL MANSOUR



ASHLEE MATTINGLY

Ashlee Mattingly, PharmD, assistant professor, Department of Pharmacy Practice and Science, was elected coordinator of the American Pharmacists Association's

Compounding Special Interest Group and was appointed to the American Society of Health-System Pharmacists' Compounding Section Advisory Group.

Joey Mattingly, PharmD, MBA, PhD, associate professor, Department of Pharmaceutical Health Services Research, received a six-month, \$27,223 contract from the Children's Research Institute for "The Treatment of Pediatric Diaphyseal Femur Fractures: A Clinical Trial Planning Grant."

Cynthia Mock and Jemini Patel, both fourth-year students, won the 2020 American Society of Health-System Pharmacists' Local Clinical Skills Competition.

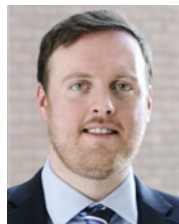


ZAC NOEL

Zac Noel, PharmD, assistant professor, Department of Pharmacy Practice and Science, was

named a 2020 Outstanding Reviewer by the journal *Pharmacotherapy*.

Brent Reed, PharmD, associate professor, Department of Pharmacy Practice and Science, received the Best Poster Award at the American College of Clinical Pharmacy's virtual annual meeting.



BRENT REED

Dana Rubinova, a second-year student in the MS in Medical Cannabis Science and Therapeutics Program, was named to *LA Wire's* 40 Under 40 list recognizing successful individuals under the age of 40.



PAUL SHAPIRO

Paul Shapiro, PhD, professor, Department of Pharmaceutical Sciences, received a three-month, \$46,752 contract from GenIE Lifesciences, Inc., for "Preclinical

Development of Function-Selective p38alpha Inhibitors."

Fadia Shaya, PhD, professor, Department of Pharmaceutical Health Services Research, received a one-year, \$180,000 contract from the Maryland Department of Health for "Strategic Targeting of Prescription Drug Misuse in Maryland Communities."



FADIA SHAYA

Sheryl Thedford, PharmD, clinical psychiatric pharmacist, Department of

Pharmacy Practice and Science, was appointed to the Board of Pharmacy Specialties' Specialty Council on Psychiatric Pharmacy.



SHERYL THEDFORD

SCHOOL OF SOCIAL WORK

Richard P. Barth, PhD, MSW, professor and former dean, and **Terry Shaw, PhD,** associate professor, were among the co-authors of "Outcomes Following Child Welfare Services: What Are They and Do They Differ for Black Children," which was published in the *Journal of Public Child Welfare*.

Mel Bellin, PhD, associate professor, was among the co-authors of "Self-Management and Spina Bifida: A Systematic Review of the Literature," which was published in *Disability and Health Journal*.



LISA BERLIN



BRENDA JONES HARDEN

Lisa Berlin, PhD, and **Brenda Jones Harden, PhD,** both professors, co-authored "Increasing Maternal Sensitivity to Infant Distress Through Attachment-Based Intervention: A Randomized Controlled Trial," which was published in *Attachment and Human Development*.

Christabel K. Cheung, PhD, MSW, assistant professor; **Everett Smith Jr.,**

LAURELS

DECEMBER 2020

MSW, clinical instructor; **Thuli Katerer-Virima, LMSW**, doctoral student; **Laura Helbling, MSW** student; and **Gail Betz, MLIS**, research education librarian, Health



CHRISTABEL K. CHEUNG

Sciences and Human Services Library, were among the co-authors of “The Impact of a Cancer Diagnosis on Sibling Relationships from Childhood Through Young Adulthood: A Systematic Review,” which was published in the *Journal of Family Social Work*.

Jaih Craddock, PhD, assistant professor, wrote “Sexual Health Communication Among Young Black Women and Their Social Network Members,” which was published in the *Journal of the Society of Social Work and Research*.

Jodi Jacobson Frey, PhD, LCSW-C, professor, wrote “How Employee Assistance Programs Can Help Your Whole Company Address Racism at Work,” which was published in *Harvard Business Review*.

Laurie Graham, PhD, assistant professor, was among the co-authors of commentary that examines the importance of addressing gender as a critical axis of identity within the Social Work Grand Challenge to ensure healthy development for all youth, which was published in *Social Work*.



EDWARD PECUKONIS

Edward Pecukonis, PhD, professor, wrote “Public Health Financial Social Work: A Model Syllabus for Research Practice for Graduate Social Work

Students,” which was published in *Social Work Education*.

Judy L. Postmus, PhD, ACSW, dean and professor, was among the co-authors of “Working Together to Protect Women and Children from Domestic Violence: Factors Influencing Willingness to Collaborate Between Organizations,” which was published in *Children and Youth Services*.

Michael Reisch, PhD, Distinguished Professor Emeritus, wrote the book *Social Work Ethics in a Changing Society*, which was published by Cognella Academic Publishing.

Corey Shdaimah, PhD, professor, is leading a “Voice of Youth” exploratory study with over \$20,000 in funding from the state of Maryland’s Administrative Office of the Courts. The project is designed to inform the Maryland judiciary about the experiences of youth who engage with foster care courts.



THEDA ROSE

Theda Rose, PhD, assistant professor, was among the co-authors of “Ethnic-Racial Socialization, Perceived Neighborhood Quality, and Psychosocial Adjustment Among

African American and Caribbean Black Adolescents,” which was published in the *Journal of Research on Adolescence*.

Denise Sulzbach, JD, director, National Center at the UMSSW’s Institute for Innovation and Implementation, was the featured plenary speaker at this year’s National Council of Juvenile and Family Court Judges Conference on Juvenile Justice.

Orrin Ware, PhD candidate; **John Cagle, PhD**, associate professor; **Paul**

Sacco, PhD, associate professor and associate dean; and **Jodi Jacobson Frey, PhD**, professor, were among the co-authors of “Confirmed Medication Diversion in Hospice Care: Qualitative Findings from a National Sample of Agencies,” which was published in the *Journal of Pain and Symptom Management*.

Kate Wasserman, MSW, LCSW-C, co-director, Parent, Infant, and Early Childhood Program at UMSSW’s Institute for Innovation and Implementation, was appointed to the Maryland Department of Education’s Inclusion Leadership Team.



LEE WESTGATE

Lee Westgate, MBA, MSW, LCSW-C, clinical instructor, was the keynote speaker for the National Association of Social Workers-Maryland’s “School Social

Work from Six Feet Away – Or More!” virtual conference, focusing on the need for social workers to realign with their purpose and calling during the COVID-19 pandemic.



MICHAEL WOOLLEY



GEOFF GREIF

Michael Woolley, PhD, associate professor, and **Geoff Greif, PhD**, professor, wrote “Measuring Adult Sibling Communication Comfort About Sensitive Issues,” which was published in the *Journal of Family Social Work*.



UNIVERSITY *of* MARYLAND, BALTIMORE

CATALYST

BIG IDEAS CHANGE THE WORLD

JOIN US IN CELEBRATING THE SECOND ISSUE OF

UMB's **CATALYST** magazine!

This dynamic digital issue of *CATALYST* includes stories about UMB's critical COVID-19 research, academic and community engagement initiatives, and how we've worked to keep the University running — and thriving — during this unprecedented health care crisis. Read these inspiring stories online at catalystmag.umaryland.edu.

Find out how UMB's big ideas are changing the world!



Visit catalystmag.umaryland.edu.

SPEAKERSERIES

DECEMBER 2020

STEELE, COMPTON OFFER VIEWS ON ELECTION, POLITICS, AND PRESIDENTS

Michael Steele, JD, and Ann Compton, two speakers with keen insight on politics and the presidency, delivered their commentary on the 2020 election results and other topics to audiences at the University of Maryland, Baltimore (UMB) in November.

Steele, the former Maryland lieutenant governor and one-time chairman of the Republican National Committee, spoke at the latest President's Panel on Politics and Policy, held virtually just two days after the Nov. 3 election. The speaker series was launched in 2017 to examine issues important to the UMB community that are likely to be affected by the presidential administration and Congress.

Compton, who was White House correspondent for ABC News from 1974 to 2014, was the guest for the UMBrella Group's Speaker Series, held virtually Nov. 10. UMBrella, which works to support and champion women at all levels at UMB, launched its speaker series in 2015 to feature notable women from a wide variety of areas of expertise.



MICHAEL STEELE WAS ENCOURAGED BY MASSIVE VOTER TURNOUT IN THE ELECTION AND HOPEFUL THAT THE BIDEN ADMINISTRATION WILL BE ABLE TO WORK WITH REPUBLICANS.

When Steele spoke Nov. 5, votes were still being counted around the country and the presidential race had yet to be called, but he was anticipating former Vice President Joe Biden would defeat President Donald Trump. On Nov. 7, Biden was projected as the winner by news media outlets.

Steele, who bucked his party to endorse the Democrat, said he was heartened by the massive voter turnout and optimistic that the Biden administration could work with Republicans if they retain control of the Senate, because the urgency of the COVID-19 pandemic and the economic challenges it has

produced demand federal action. He said the Senate history of Biden and Vice President-Elect Kamala Harris will be critical to deal-making between the parties.

“Washington primarily works off of relationships. And if you don't have relationships, you've got to build them,” Steele said. “Because Joe Biden and Kamala Harris have relationships with a lot of Republican leaders, that's going to be a benefit for the country.”

Steele also saw turnout, which was about two-thirds of the electorate, as a hopeful sign for a country still coping with deep political divisions.

“It was so heartening to see 101 million Americans cast their votes before Nov. 3. And then the turnout on Election Day tells me that there's still a vibrancy in America regarding who we are and what we want to be, despite what the red-and-blue electoral map might look like,” said Steele, hoping that Trump's departure would moderate the discourse and ease the discord.



ANN COMPTON RAISED FOUR CHILDREN WHILE COVERING THE WHITE HOUSE AND CAPITOL HILL FOR ABC NEWS.

“President Trump has filled up every waking moment and conversation we have, but he's not going to be on the TV screen every day as president, and he's not going to be on the front page of the newspaper every day as president,” Steele said. “So if nothing else, this election allows us to return to a space where we can have conversations about something other than one politician or president. And I think that's healthy.”

Five days later, Compton held court to discuss her pioneering career as an ABC White House correspondent, a tenure that spanned 40 years, seven presidents, and 10 presidential campaigns, and how she juggled her work with family life.

Compton was the first woman assigned to cover the White House on network television. She has traveled to all 50 states and six continents with American presidents, vice presidents, and first ladies, and she was the only broadcast reporter allowed to remain on Air Force One with President George W. Bush to report on

Continued from previous page

behalf of all the news media during the chaotic hours after the terrorist attacks of Sept. 11, 2001.

She discussed how she navigated the changing culture for working women in her career and talked about managing to do that in a male-dominated industry while raising four children.

“I think we can make motherhood and work work together,” Compton said. “But it does take some effort, some doing, and it takes teaching your children the importance of being independent.”

Compton said she often had to choose between work and time with family. She recalled when she had to cover a presidential campaign during Halloween and her son, Billy, didn’t speak to her for two weeks after she got home because she had missed pumpkin carving and costumes that year.

“There were always moments that you felt you weren’t home enough, but I’ve been really blessed to have four wonderful, healthy kids raised in this very house where I’m speaking to you from now,” Compton said.

The second half of her talk touched on presidents and politics from her perspective after covering the White House and Capitol Hill for so many years. She tied it all back to the important role the news media plays in American politics.

“While I never take sides on political candidates or on issues in the political spectrum, I do take the side that truth is important,

that clarity and directness and honesty by the media is absolutely necessary and the bedrock of a democracy,” Compton said.

Compton wrapped up with an anecdote about civility in politics. She was covering the White House in 1990, and President George H.W. Bush was formulating military and diplomatic responses to Iraq’s invasion of Kuwait. Bush told reporters that the Arab world was uniting against Saddam Hussein, but Compton pointed out a *Washington Post* story with a photo of Jordan’s King Hussein embracing the Iraqi dictator.

“George Bush wheeled around and barked at me, ‘I can read! What’s your question?’ ” Compton said.

The next day, Compton received a handwritten letter from Bush apologizing for the interaction — and he had signed it with a smiley face.

“Here’s the president of the United States at a defining moment for his presidency, and he stops to write a letter of apology to the press,” she said. “I took that letter home that night, I woke up my kids, and I said to them, ‘If the president of the United States can say he’s sorry, so can you.’ ”

— Lou Cortina and Jena Frick

*Read more and watch the **Steele** and **Compton** events.*



VIRTUAL
HOLIDAY *Craft Fair*

The annual Holiday Craft Fair is a favorite event at UMB, but it can’t be held in person this year because of COVID-19. Instead, we are bringing the craft fair to you! Check out our vendors’ websites and cross some gifts off your holiday shopping list.

www.umaryland.edu/craftfair

COVID-19

DECEMBER 2020

CONTACT TRACING AT UMB: HOW IT'S DONE — AND HOW YOU CAN HELP

Containing the spread of COVID-19 without a vaccine comes down to three tenets: test, trace, and isolate.

A team at the University of Maryland, Baltimore (UMB) that is behind the SAFE on Campus daily symptom monitoring system and UMB COVID-19 Hotline is ensuring that those three steps are being followed by faculty, staff, and students.

Contact tracing is a small but detailed and complex part of their jobs, and it's one that nobody had experience doing before in a pandemic.

"It is not a solid science. It is ever-changing, evolving," said Bria Graham Glover, MPH, CIC, infection control epidemiologist. "We're learning as we go."

Graham and Deborah Knepp, BSN, RN, occupational health nurse, are part of the team led by Marianne Cloeren, MD, MPH, associate professor at the School of Medicine, that's making sure people with COVID-19-compatible symptoms are not coming to campus through SAFE on Campus and the COVID-19 Hotline.

They're navigating guidance changes from different agencies and the fact that a sizable portion of faculty, students, and staff are affiliated with more than one institution or workplace. But nothing stops this team from performing its job.

"We couldn't keep open without them. That's the bottom line," said Steven Deck, DM, MBA, director, Office of Environmental Health and Safety. "It's as important as electricity. Nothing could happen without it."

What constitutes close contact? Per the Centers for Disease Control and Prevention (CDC), close contact means "someone who was within 6 feet of an infected person for at least 15 minutes starting from two days before illness onset."

However, there are many other factors in regard to location, activity, and mask-wearing, and that's why UMB relies on its infection prevention professionals when making decisions about who should be contacted and who should be required to quarantine.

HOW CONTACT TRACING WORKS

Contact tracing at UMB starts when someone reports a positive COVID-19 test to the University via SAFE on Campus or by working with the COVID-19 Hotline.

Knepp implored UMB community members to pay attention to SAFE on Campus emails even after their form is completed each day because instructions could say to call the COVID-19 Hotline. A nurse case manager from the hotline will call the person to see if they were on campus, involved in experiential learning off-campus, involved in clinical work, or in contact with other people, said Cloeren, who oversees the operation of SAFE on Campus and the COVID-19 Hotline.



If there appears to be a potential exposure risk, the case manager will contact Cloeren's team to get to work.

"We don't start contact tracing until we know that you are a positive case. Sometimes there's a delay," Graham said.

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“Sometimes you may call the hotline because you have symptoms and want to get tested. So we might not find out that you tested positive until a few days later, and then we’ll start the contact tracing.”



MARIANNE CLOEREN OVERSEES UMB'S SAFE ON CAMPUS SYMPTOM MONITORING SYSTEM AND COVID-19 HOTLINE.

Once the call is made to the COVID-19-positive patient, the team will start asking questions to retrace the person’s steps. Graham finds it best to start with the previous day and work backward.

“It turns more into a conversation, and I feel like that’s the best way to get all the details as opposed to asking yes-or-no questions,” Graham said. “The main point of the conversation for contacts are how

long, what kind of personal protective equipment were you wearing, and how close were you to someone. Then we get into what kind of activities were you doing, and where did those activities take place.”

More than likely, a person with a positive case or high-risk exposure will have to answer the same contact tracing questions multiple times. Someone could spend 20-40 minutes on the phone with each of the University of Maryland Medical Center or other clinical site, the Maryland State Department of Health, and their local health department, in addition to UMB.

It can be overwhelming remembering who was told what.

“I keep them on track asking guideline questions, and I tell people it’s OK if you don’t remember exactly what you were wearing or how close you were,” Graham said.

TRUTH AND CONFIDENTIALITY

Overall, students, faculty, and staff being contacted are doing a great job of detailing information.

“The vast majority of employees want to solve problems,” Knepp said. “They don’t want this to be an issue on campus. They’re devoted to what they do and are cognizant of their role in the grand scheme of things.”

It can complicate the process if you tell everyone that you tested positive.

“Sometimes that actually leads to some problems because we have all these people who probably didn’t have a significant exposure worrying about it,” Cloeren said. “It’s easier to identify and notify the people who are high-risk, and it’s hard to identify the whole universe of low-risk contacts that people might have.”

Being truthful and forthcoming is the utmost importance regarding potential exposure. The COVID-19 Hotline is a safe space to be honest with the circumstances of an exposure.

“We’re not going to use the information against you; we’re trying to not get you in trouble,” Graham said. “We are just trying to gather enough information so we can safely isolate anyone who may have come in contact with you.”

Not being honest will cause problems. For example, if the exposure was at an academic or social gathering and a person is trying to hide that there was a gathering and how many people were there, it can delay exposure notifications.

“It does get dicey if they are adamant about their privacy and don’t give us the information that we need to do the job,” Graham said.

KEEP YOUR DISTANCE AND KEEP YOUR MASK ON

What’s the best piece of advice for UMB to avoid COVID-19 exposure on campus?

“All of us say it together: Stop eating together in break rooms!” Cloeren said.

Colleagues can let their guard down with a co-worker in a lunch room, take off the mask and chat, and then spread the virus while talking. Reminder: UMB employees should eat alone with their door closed in their office and should not eat with others indoors on-site.

Another reminder the team wants to share: *Wear a mask and physical distance.* It’s not an either/or proposition.

“In another exposure situation, people are thinking that if they’re both wearing a mask, they can sit a couple feet away from each other and work on the same computer screen for hours,” Cloeren said.

— Charles Schelle

Watch a video about contact tracing at UMB.

WHITEPAPERPROJECT

DECEMBER 2020

'KNOWLEDGE IS POWER': PROMOTING HEALTH LITERACY IN NIGERIA

Educating the general public on making informed health care decisions poses unique challenges in a different culture. As a practitioner, imagine providing enough information to 300 patients a day while battling a language barrier and cultural differences. You've found yourself in Nigeria.

The solution might sound simple, but execution is anything but, as outlined by Alash'le Abimiku, PhD, MS, co-founder and executive director of the International Research Centre of Excellence at the Institute of Human Virology, Nigeria, and a professor at the Institute of Human Virology, University of Maryland School of Medicine (UMSOM).

"Knowledge is power in everything that we do," Abimiku said. "Health literacy, understanding health and health issues, is absolutely critical for a population. The more we empower individuals with knowledge and the ability for them to assimilate all of that information and make a very informed decision about their health is key."

On Nov. 5, Abimiku presented a talk, "Health Literacy as a Social Determinant of Health," part of the University of Maryland, Baltimore (UMB) President's Symposium and White Paper Project, which this year involves a partnership through the University of Maryland Strategic Partnership: *MPowering the State*.

Nine President's Fellows — eight students from UMB and one from the University of Maryland, College Park — are exploring best practices for cultivating an empathetic, team-based approach to meeting the community's health literacy needs. The fellows will present a paper with their findings and recommendations at the end of the academic year.

Abimiku has seen health literacy challenges play out in her native Nigeria as she collaborates with UMSOM researchers. It's not just basic health information being discussed in a cultural context, it's also biomedical interventions with populations concerning HIV, the virus that causes AIDS. Two-thirds of new HIV infections in West and Central Africa in 2019 were reported in Nigeria, according to the Joint United Nations Programme on HIV/AIDS.

Abimiku outlined four fundamental ways to support health literacy: improving the use of health information, health services, and knowledge to make decisions, then advocating for health literacy.

"There's not one size that fits all," Abimiku said. "We're also seeing in the populations we're working in where sometimes education is really key, and then other times where other factors are key in making their decisions."

Speaking the same language is one of the first barriers. While Nigeria's official language is English, more than 525 native languages are spoken in the West Africa nation.

"What do you lose in that translation in terms of health literacy and in terms of what's going on?" UMB President Bruce E. Jarrell, MD, FACS, asked.



ALASH'LE ABIMIKU OF THE SCHOOL OF MEDICINE IS CO-FOUNDER AND EXECUTIVE DIRECTOR OF THE INTERNATIONAL RESEARCH CENTRE OF EXCELLENCE AT THE INSTITUTE OF HUMAN VIROLOGY, NIGERIA.

"Even in terms of engaging the community, the fact that you speak their language really makes a big difference. We have situations where we use an interpreter," Abimiku said.

While overcoming the language barrier, doctors and nurses also are battling quality vs. quantity of care issues.

"In certain areas of Nigeria, it's not unusual for a physician to see about 300 patients a day, and the nurses will have to deal with such huge numbers," Abimiku said. "It's really important that for every single individual, you see that individual as somebody who is really important."

— Charles Schelle

Read more about this event.



1807 AN ART AND LITERARY JOURNAL

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Share your favorite original creation:

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Narratives | Short Story | Essay | Poetry

UMB faculty, staff, students, and alumni, as well as University of Maryland Medical Center employees and our West Baltimore neighbors, are encouraged to enter.*



Submissions accepted, online only, through Dec. 31, 11:59 p.m.
www.umb.edu/arts/journal

Scan this QR code with your phone camera or QR code app, then click the link to be directed to our website to get more information about this topic.

*Submission does not guarantee publication.



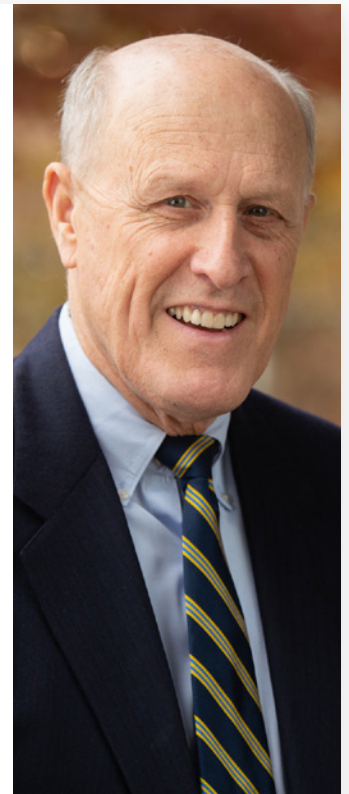
UMB Council for the Arts & Culture

PRESIDENT'S Q&A

A COVID-19 Update

Dec. 17 | 9 a.m.

UMB President **Bruce E. Jarrell, MD, FACS**, will field questions about the pandemic and the University's recovery during this virtual event. Register [**here**](#).



COLLABORATION

DECEMBER 2020

PARTNERSHIP IS MAIN INGREDIENT AT SEED GRANT SYMPOSIUM

The barriers that prevent patients in underserved communities from making nutritious meals extend beyond shopping for the right food.

“In the patient population I see, I frequently come across people who just don’t have any cooking skills,” says Lauren Hynicka, PharmD, BCPS, associate professor in the Department of Pharmacy Practice and Science at the University of Maryland School of Pharmacy (UMSOP). “They might not even have a stove or the proper utensils and cookware to prep the meals.”



UMB STUDENTS PARTICIPATE IN AN INTERPROFESSIONAL CULINARY MEDICINE ELECTIVE COURSE AT THE INSTITUTE FOR INTEGRATIVE HEALTH IN HARBOR EAST.

Health professionals can face similar challenges in providing the proper nutrition education to their patients. To overcome that, 24 students from the University of Maryland, Baltimore (UMB) schools of pharmacy, dentistry, law, and medicine enrolled in a 1-credit culinary health and medicine elective in the spring hosted at The Institute for Integrative Health in Harbor East.

The elective provides an opportunity for students outside the School of Medicine, which includes culinary medicine as part of its core curriculum, to add to the breadth of patient care. Christopher D’Adamo, PhD, director of research and associate director, Center for Integrative Medicine, also was part of the course team.

Hynicka’s presentation was one from four teams that presented results of their 13-month interprofessional education (IPE) and

interprofessional care projects funded through UMB Center for Interprofessional Education (CIPE) seed grants at a Nov. 18 faculty symposium via Webex. The grants ranged from \$10,200 to \$15,000.

“For me as a prior transplant surgeon, interprofessional care of the patients was the only way you took care of them,” UMB President Bruce E. Jarrell, MD, FACS, said. “Having that as part of our learning objective is really important to me.”

CIPE, directed by School of Nursing Dean Jane M. Kirschling, PhD, RN, FAAN, is a national leader in providing interprofessional education for health, law, and human services professionals that is grounded in best practices for educational innovation and assessment.

In the elective, students learned about paleo, Mediterranean, and vegetarian diets and cooked recipes based on those diets including an appetizer or side dish, main entrée, and a dessert. They also modified a favorite recipe using nutrition information learned from the course. COVID-19 restrictions bumped the course online during the spring semester, switching the planned potluck to a virtual setting and making students miss out on West Baltimore outreach.

Still, the course’s possibilities excited members in the audience such as Heather Congdon, PharmD, CACP, CDE, assistant dean for UMSOP at the Universities at Shady Grove and co-director of CIPE. Congdon thinks the

lessons learned would be great for pharmacy, nursing, and social work students working at interprofessional clinics to share with patients in underserved communities who have uncontrolled diabetes or other chronic diseases.

“All they want to know is, ‘What are we able to eat?’” Congdon said. “So this would have been a perfect course for students who then come to our clinic because we are trying to educate our patients on what to eat.”

The course will be offered again, this time exclusively online, for the spring 2021 semester.

— Charles Schelle

Watch the symposium and read more about it.

DIVERSITY

DECEMBER 2020

ADVANCES IN INCLUSION: CDEIO SEARCH, HEED AWARD, AND LGBTQ+ DISPARITIES GRANT

In a July letter to the University of Maryland, Baltimore (UMB) community, President Bruce E. Jarrell, MD, FACS, announced the launch of a national search for a vice president/chief diversity, equity, and inclusion officer (CDEIO).

“Diversity is one of our core values; we are committed to a culture that is enriched by diversity and inclusion, in the broadest sense, in its thoughts, actions, and leadership,” wrote Jarrell, who added that the CDEIO will be a cabinet-level position. “We are fortunate to have dedicated staff, faculty, students, and alumni who have worked to positively impact change around diversity, equity, and inclusion at UMB.”

The CDEIO search committee, co-chaired by Dawn Rhodes, MBA, chief business and finance officer and vice president, UMB, and Jane Kirschling, PhD, RN, FAAN, dean, School of Nursing, sought feedback from the UMB community to help create a **position profile** with the search firm Isaacson, Miller.

The committee **announced in late October** that it hoped to conduct finalist interviews early in 2021. In November, meanwhile, two UMB schools announced good news related to their diversity and inclusion efforts:

School of Nursing: The school received a Health Professions Higher Education Excellence in Diversity (HEED) Award for the third year in a row from *INSIGHT Into Diversity* magazine, the oldest and largest diversity-focused publication in higher education.



The award recognizes colleges and universities that demonstrate an outstanding commitment to diversity and inclusion. UMSON and 44 other recipients are featured in the December issue of *INSIGHT Into Diversity*.

“The annual application process provides an opportunity for us to again reflect on and assess our diversity program,” Kirschling said. “We remain committed to the development of a diverse health care workforce — not only racially and ethnically, but also

with respect to sexual orientation and gender identification, and a host of economic, cultural, and social factors.”

Read more about the award.

School of Social Work: The school’s Institute for Innovation and Implementation (the Institute) was awarded a five-year, \$3.5 million grant to support the implementation of change strategies within mental health and substance use disorder treatment systems to address disparities impacting the LGBTQ+ community.



MARLENE MATARESE IS DEPUTY DIRECTOR OF THE SCHOOL OF SOCIAL WORK’S INSTITUTE FOR INNOVATION AND IMPLEMENTATION.

The grant, awarded by the U.S. Department of Health and Human Services’ Substance Abuse and Mental Health Services Administration, will allow the Institute and partners to establish the Center for Excellence on LGBTQ+ Behavioral Health Equity.

Current data on disparities among the LGBTQ+ population highlights the importance of providing more tailored and culturally responsive behavioral health services. The goals of the new center include increasing awareness and understanding of these disparities among providers, families, and youth; increasing practitioner knowledge and skills; and accelerating the adoption of best and evidence-based practices shown to reduce disparities.

“This is another opportunity to build on the Institute’s work in improving practice and shifting systems to be inclusive and culturally responsive to the needs and experiences of the LGBTQ+ community,” said Institute deputy director Marlene Matarese, PhD, MSW, who is the principal investigator of the project.

Read more about the project.

— UMB Staff