## the PRESIDENT'SMESSAGE

DECEMBER 2022

### OUR COMMITMENT TO BALTIMORE

At my State of the University address in November, I spent some time talking about the challenges that we've faced over the past few years, as well as some of challenges that are before us. Without a doubt, I know that the University of Maryland, Baltimore (UMB) is up to the task. After all, this is an institution of innovators, committed to improving the human condition and serving the public good. We see challenges as opportunities, we look for solutions, and we create lasting positive change.

I hope to see more positive change in the city of Baltimore. UMB is committed to Baltimore, especially our West Baltimore neighborhood, and we want to increase our community impact. As part of this commitment to Baltimore, I have three major priorities for the future.

Baltimore will thrive when its youth thrive and have hope.

We know the unfortunate reality that many youth live in violent communities and aren't necessarily set up for success. Our goal should be to bring them hope — hope through action. We will not look away from the issue of violence in Baltimore. One way we're addressing it is through the UMB Center for Violence Prevention, which brings together expertise from the School of Law, School of Social Work, School of Medicine, and the R Adams Cowley Shock Trauma Center. We also bring hope with programs like Promise Heights and CURE Scholars and through initiatives and resources offered at the Community Engagement Center. We have experts from UMB working with nonprofits and city leaders on a range of initiatives to increase positive opportunities for the youth of Baltimore. There are many ways in which we will work together to bring hope and opportunities to these young people.

Baltimore needs a healthy community to thrive, so my second priority is community health. Citizens in Baltimore have some of the worst health outcomes in the state. UMB has programs that assist in keeping our neighbors healthy, like vaccinations required for school and recommended for COVID-19, dental clinics, the West Baltimore Reducing Isolation and Inequities in Cardiovascular Health (RICH) Collaborative, and many others. However, we need a broader approach to community health. I am in the process of

identifying an associate vice president to focus on community health. My intent is that we will put together a comprehensive plan that is developed along with our community, the UMB schools, and the University of Maryland Medical Center. A focused approach to community health in Baltimore will help break down disparities and make our neighbors healthier.

Baltimore will thrive when citizens have increased **opportunities to succeed.** My third priority for how UMB will help Baltimore is economic empowerment. UMB is one of the largest employers in Baltimore and spends many millions of dollars each year to buy the goods and services it needs to function. We're committed to supporting local businesses and our neighborhood. In fact, UMB's Live Near Your Work Program, a homebuying assistance benefit that offers money toward the down payment and closing costs of homes in select West Baltimore neighborhoods, recently surpassed \$1 million in homebuying grants awarded to University employees. We will soon kick off a program that will provide financial and administrative services to community-based nonprofit organizations. Being intentional about building wealth will have a ripple effect on our neighborhoods.

These are just some of the many ways in which UMB is committed to Baltimore. UMB is proud to be an anchor institution. That means we are committed to our community's well-being, that we seek to be a trusted partner, and that we're willing to leverage the economic power of this big university to benefit the community, help wealth grow in the city, and promote health equity. I hope you'll join me in this work.

Sincerely,

Bruce E. Jarrell, MD, FACS

PRESIDENT

Bruce & Janely

Read more about the State of the University Address on page 13. &





# WELCOME TO UMB!

## **NEW HIRES: NOVEMBER 2022**

#### **UMB**

#### **STAFF**

Ajibola Akintola Diamond Artis Stephanie Baptiste George Cephas Hashem Choudhry Michael Craven

Andra Davis Stephanie Fuller Mahogany Gorden

Stephanie Harrison Jordan Heustis

Raymond Holmes Elizabeth Johnson Johnetta Jones Kristin Kearney

Edward Kontor Daren Lewis Brielle Nixon

Brigid O'Flaherty Joseph Preis Daniel Siebenhaar

Daniel Siebenhaar Ryan Smith Lamont Taylor

Dianna Vass Christa Wraga

#### SCHOOL OF DENTISTRY

#### **FACULTY**

Abrar Kuchari

### STAFF

Emily Eisner Christa Gloster Thaisa Jones Abena Ntiamoah

#### **GRADUATE SCHOOL**

#### **FACULTY**

Julie Rosen

### **STAFF**

Ciara Cawthorne

#### **SCHOOL OF LAW**

#### **FACULTY**

Matthew Jones

#### **STAFF**

Zanada Joyner Lavonne Murray Vivian Wallace

#### **SCHOOL OF MEDICINE**

#### **FACULTY**

Emily Daniel Jeremy Kaplowitz Mohammad Khan Carolina Mendoza Natasha Tobarran

#### **TRAINEES**

Hassan Bashar Mahsa Mayeli Allison Meyers SeungJun Oh Murugananth Kumar Raju Kaushlendra Tripathi

#### **STAFF**

Fazil Aman

Elvis Amurrio
Brenda Bailey
Dima Brown
LeMarco Brown
Lauren Conway
Kristi Cortez
Sean Driscoll
Eetu Eklund
Katrina Gorga
Riley Himmelberger
Hyon Hwang
Jamal Jackson

Martha Jurczak

Lakin Mathis

Juliana Medina De Jesus

Anna Pudder Divya Ramani

**Emily Redmond** 

Lalicia Roman Gloria Shin

Shantel Sosa

Gregory Steffensen

Crystal Stinson

Wijdan Suliman

Ernest Turner

Toochi Uradu

Sashae Wheeler

Dominic Williams Raymond Worth

Mullika Yowell

Meredith Zoltick

#### SCHOOL OF NURSING

#### **FACULTY**

Kimberly Hampton Maria Robinson

#### **STAFF**

Christiana Holden Asunta Johnson Marcie Koenig Claritza Novas Medina

#### SCHOOL OF PHARMACY

#### TRAINEE

Abdolvahab Khademi Shamami

### **STAFF**

Jasmine Cooper Jaden Dickinson

### **SCHOOL OF SOCIAL WORK**

#### STAFF

Aaron Isiminger



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### UNIVERSITYWIDE

The Office of Communications and Public Affairs won top honors in the PR Daily Nonprofit Communications Awards' Executive Visibility Campaign category for its UMB Presidential Priorities Campaign, which highlighted President Bruce Jarrell's "Commitment to Maryland." PR Daily is a website that offers news, advice, and opinions on public relations, marketing, and social media writing.

Students Mostafa Abu-Hijlih (nursing), Belen Avelar (medicine), Rebecca Faulkner (pharmacy), Marcus Jones (law), Hanna LeBuhn (medicine), and Emily Ly (pharmacy) won the Wildcard prize in the 2022 DC Public Health Case Challenge, which



FROM LEFT, MOSTAFA ABU-HIJLIH, HANNA LEBUHN, BELEN AVELAR, AND MARCUS JONES STAND IN FRONT OF AN ALBERT EINSTEIN STATUE OUTSIDE THE NATIONAL ACADEMY OF SCIENCES BUILDING IN WASHINGTON, D.C.

aims to promote interdisciplinary, problem-based learning around a public health issue facing the Washington, D.C., community.



JESSIE BAUER

Jessie Bauer, library services specialist, Health Sciences and Human Services Library, presented "Book It Forward: An Engaging Community Project" at

the Mid-Atlantic Chapter of the Medical Library Association Conference in Richmond, Va.



TIFFANY N. CHAVIS

Tiffany N.
Chavis, MSW,
MLIS, LCSW-C,
health literacy
librarian, Region
1 of the Network
of the National
Library of
Medicine, Health
Sciences and

Human Services Library, presented the poster "Misunderstood: An Analysis of the Homeless Population in Maryland and Their Information Needs" at the Mid-Atlantic Chapter of the Medical Library Association Conference in Richmond, Va.



EMILY GORMAN

Emily Gorman, MLIS, research and education librarian, Health Sciences and Human Services Library, presented the poster "Online Escape Rooms:

What Do the Students Think?" at the Mid-Atlantic Chapter of

the Medical Library Association Conference in Richmond, Va.



CHRISTINE NIEMAN

Christine
Nieman, MLIS,
data management
librarian, Region
1 of the Network
of the National
Library of
Medicine, Health
Sciences and
Human Services

Library, presented the poster "Free, FAIR, and Fabulous: Five Data Tools to Support Open and Reproducible Research at Your Institution" at the Mid-Atlantic Chapter of the Medical Library Association Conference in Richmond, Va.



SEMHAR OKBAZION

Semhar Okbazion, LLM, assistant director of international services and director, Henriatta Selle Tiri Scholarship Program,

presented

"Increasing Access to U.S. Higher Education for Refugee Students" at the 2022 NAFSA Region VI and VIII Conference on Nov. 17 in Pittsburgh.



ROGER J. WARD

Roger J. Ward, EdD, JD, MSL, MPA, provost, executive vice president, and dean of the Graduate School, was named to the American Association

of State Colleges and Universities' 2022 Academy for New Provosts, a leadership development program

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.



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geared toward the distinctive needs of provosts who lead state colleges and universities.



PATRICK WAUGH

Patrick Waugh, MLS, library specialist, presented the poster "The Self-Taught Marketer's Guide to Creating Annual Reports" at the Mid-Atlantic Chapter

of the Medical Library Association Conference in Richmond, Va.



TARA WINK

Tara Wink, MLS, historical collections librarian, Health Sciences and Human Services Library, co-presented "Leading in Challenging

Times: MARAC and COVID-19" at the Mid-Atlantic Regional Archives Conference in College Park, Md.



FAITH STEELE

April Wright, MLS; Tiffany N. Chavis, MSW, MLIS, LCSW-C; Faith Steele, MLS; and Christine Nieman, MLIS, librarians

from Region

1 of the Network of the National Library of Medicine, Health Sciences and Human Services Library, presented the lightning talk "Choose Environmental Health and Justice as Your Next Adventure" at the Mid-Atlantic Chapter of the Medical Library Association Conference in Richmond, Va.

### SCHOOL OF DENTISTRY



GARY HACK

Gary Hack,
DDS, clinical
associate professor,
Department of
Advanced Oral
Sciences and
Therapeutics,
was among the
co-authors of
"Congenital

Atlanto-Occipital Fusion and its Effect on the Myodural Bridge: A Case Report Utilizing the P45 Plastination Techniques," which was published in the *International Journal of Morphology*.



BRITTANY HARRIS

Brittany Harris, RDH, MSDH, clinical instructor

clinical instructor and clinical coordinator, Universities at Shady Grove campus, Division of

Dental Hygiene,

Department of Advanced Oral Sciences and Therapeutics, was among the co-authors of "Caring for Patients with Psoriasis," which was published in *Dimensions of Dental Hygiene* in November.



WILLIAM HOFFMAN

William
Hoffman,
MAS, research
administrator,
Dean's Office,
received the
HartfordNicholsen Award,
which recognizes
a Society

of Research Administrators International (SRAI) member whose services demonstrate leadership and who has made a major contribution to the society.

#### Marcela Romero-Reves, DDS, PhD,



MARCELA ROMERO-

FAHS, clinical associate professor, Department of Neural and Pain Sciences, and clinical director, Brotman Facial Pain Clinic, was honored with the Steven

B. Graff-Radford Orofacial Pain and Headache Lectureship by the American Headache Society. The award recognizes prominent status and contributions to the field of orofacial pain and headache research.

### **GRADUATE SCHOOL**

The SAFE Center for Human Trafficking Survivors was awarded a Minor Victims of Labor Trafficking grant from the U.S. Department of Justice (DOJ) to provide comprehensive services to minor victims of labor trafficking in Maryland and the Washington, D.C., area. The center also received an SIRV Model Implementation grant from DOJ to establish a comprehensive human trafficking response in five units of the University of Maryland Capitol Region Medical Center in Prince George's County.



JAMES CAWLEY

James Cawley, MPH, PA-C, scholar in residence and visiting pro fessor, received the Physician Assistant Education



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Association's Lifetime Achievement Award, which honors a current or former faculty or staff member who has made extraordinary contributions to physician assistant education over a sustained period of time.



DON DONAHUE

Don Donahue, DHEd, MBA, MSJ, professor, served as facilitator and moderator of abstract presentations for the World Health Organization's 5th Emergency

Medical Teams Global Meeting in Yerevan, Armenia, in October.



KAREN GORDES



ERIN HAGAR



M.J. BONDY

Karen Gordes, PhD, PT, DSc, chief learning officer and associate professor, Physician Assistant Leadership Learning Academy;

Erin Hagar, MA, MFA, senior instructional designer, Faculty Center for Teaching and Learning; and M.J. Bondy, DHEd, MHS, PA-C, associate professor and director, Doctor of Medical Science program, had their lightning presentation

"Time for Change: Emphasizing DEI Through Trauma Informed Pedagogy" accepted for the 2022 International Association of Medical Science Educators' Virtual Forum.



**DUSTIN LEE** 

Dustin Lee, JD, MBA, associate professor, was appointed to a two-year term as vice chair of the Corporate Practice Committee of the American Intellectual

Property Law Association.



GABRIELLE RICKS



SEAN BROOKS



NIYA WERTS

Gabrielle Ricks, project specialist; Sean Brooks, MBA, graduate recruiter; and Niya Werts, PhD, MIS, MS, EHS, LMT,

associate professor

and director, MS in Health Science program, took part in the panel discussion "UMB Values, HBCU Graduates" at the HBCU Career Development Marketplace Conference in November in Baltimore.

### **CAREY SCHOOL OF LAW**



KRISTINA ALAYAN

Kristina Alayan, JD, associate dean for library and technology and associate professor, was an invited speaker for the program "So, You Wanna Be an Effective Mentor/

Mentee?" which was hosted by the Professional Engagement, Growth, and Advancement Special Interest Section of the American Association of Law Libraries on Oct. 19

**Doug Colbert, JD**, professor, wrote "Opinion: Marilyn Mosby Should Be Praised for Her Commitment to Correcting Adnan Syed's Case and Other Injustices," which was published in *The Baltimore Banner* on Oct. 3.



KAREN CZAPANSKIY

Karen
Czapanskiy, JD,
professor emerita,
wrote "The
Constitution,
Paternity, Rape,
and Coerced
Intercourse:
No Protection

Required,"

which was published in Volume 35 of the *Journal of the American* Academy of Matrimonial Lawyers.



PETER DANCHIN

Peter Danchin, JD, professor and associate dean for research and faculty development, presented "Antidiscrimination Law and



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Religion in Comparative Constitutional Thought" for the Comparative Constitutional Studies at the Crossroads with Other Disciplines panel at the University of Milan in Italy on Oct. 8.



BEN GARMOE

Ben Garmoe, JD, Salsbury Director of Trial Advocacy, was named a Distinguished Alum by the University of Maryland, Baltimore

County's Alumni Association.

Larry Gibson, LLB, professor, was quoted in the article "Term Limits, Cannabis Possession and More Coming Before Voters on November 8," which was published in *Baltimore Brew* on Oct. 26.

**Leigh Goodmark, JD,** professor and director, Clinical Law Program, wrote "To Free Them All," which was published in *Inquest* on Oct. 22.



MARK GRABER

Mark Graber, JD, professor, wrote the op-ed "An Originalist Interpretation of the Constitution Would Bar Trump and Others from Holding Public Office.

Here's Why," which was published in *The Baltimore Sun* on Oct. 16.

Michael Greenberger, JD, professor and founding director, Center for Health and Homeland Security, was quoted in "Don't Blame Big Oil for Record Profits, Blame Wall Street," which was published on TYT.com on Oct. 28.



RENÉE MCDONALD HUTCHINS

Hutchins, JD, dean and professor, was named one of *The Baltimore Sun's* "25 Women to Watch 2022: Best in Advocacy, Business and Health."

Renée McDonald



PAULA MONOPOLI

Paula Monopoli, JD, professor and founding director, Women, Leadership, and Equality Program, wrote "Feminist Legal History and Legal Pedagogy,"

which was published on the "TaxProf Blog" on Nov. 2.

Robert Percival, JD, professor and director, Environmental Law Program, presented "Annual Supreme Court Review and Preview" at the Environmental Law Institute in Washington, D.C., on Oct. 3.



MICHAEL PINARD

Michael Pinard, JD, professor, discussed the collateral consequences of police misconduct during Baltimore's Civil Rights Week at the University of

Baltimore School of Law on Nov. 3.

Maneka Sinha, JD, associate professor and director, Criminal Defense Clinic, was quoted in "Touch DNA Helped Exonerate Adnan Syed. A Scientist Explains," which was published in *The Baltimore Sun* on Oct. 17.

Matiangai Sirleaf, JD, professor, presented "We Charge Vaccine Apartheid?" at McGill University during the Pandemics and Paradigms of Governance Workshop on Oct. 10.

## **SCHOOL OF MEDICINE**

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

Leen Alblaihed, MBBS, assistant professor, Department of Emergency Medicine, presented the lectures "Bradycardia: Moving Fast When Your Patient is Slow" and "Acute Limb Ischemia: Red, White or Blue, What to Do?" at ACEP2022, the annual scientific congress of the American College of Emergency Physicians held in September in San Francisco.



BRADLEY ALGER

Bradley Alger, PhD, professor emeritus, delivered a presentation on his paper "Neuroscience Needs to Test Both Statistical and Scientific Hypotheses"

at the Society for Neuroscience Convention in San Diego on Nov. 16.

Laura Bontempo, MD, MEd, associate professor and assistant director for faculty development and resident education, Department of Emergency Medicine, received the National Teaching Faculty Award at ACEP2022, the annual scientific congress of the American College of Emergency Physicians held in September in San Francisco.



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Vasken Dilsizian, MD, professor, Department of Diagnostic Radiology and Nuclear Medicine, was appointed vice chair of the Board of Scientific Counselors of the Clinical Center at the National Institutes of Health through June 30, 2023.



AYNSLEY HAMEL

Aynsley Hamel, MDE, academic services specialist, Department of Physical Therapy and Rehabilitation Science, was honored as UMB Employee of the Month

of September for her dedication and work to make the students learning experience excellent.



XIAOFENG JIA

Xiaofeng Jia, BM, PhD, professor, Department of Neurosurgery, was awarded a five-year, \$2 million RO1 grant from the National Institutes for Health

for "Improving Brain Recovery Through Glycoengineering."

Amal Mattu, MD, professor and vice chair for academic affairs, Department of Emergency Medicine, was among the co-authors of "Clinical Policy: Critical Issues in the Evaluation and Management of Adult Patients Presenting to the Emergency Department with Acute Heart Failure Syndromes," which was published in Annals of Emergency Medicine in October. He also received the EMRA Outstanding Contributions to Emergency Medicine Education Award from the Emergency Medicine Residents' Association.



MARY MCKENNA

Mary McKenna, PhD, professor, Department of Pediatrics and Program in Neuroscience, presented the lecture "Glutamate-Glutamine-

GABA Cycle" to the Brain Energy Metabolism Course, which was held at Federal University of Rio de Janeiro in Brazil on Oct. 6.



SIAMAK MOAYEDI

Siamak Moayedi,
MD, associate
professor, and
Mike Witting,
MD, professor,
both in the
Department
of Emergency
Medicine, were
among the

co-authors of the research letter "Anteroposterior Racer Pad Position Is More Likely to Capture Ahan Anterolateral for Transcutaneous Cardiac Pacing," which was published in *Circulation* on Oct. 3.



ELIZABETH NICHOLS

Elizabeth
Nichols, MD,
associate professor,
Department
of Radiation
Oncology, was
among the
co-authors of
"Consensus
Quality Measures

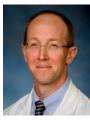
and Dose Constraints for Breast Cancer from the Veterans Affairs Radiation Oncology Quality Surveillance Program and American Society for Radiation Oncology (ASTRO) Expert Panel," which was published online ahead of print by *Practical Radiation Oncology*. Sandra Quezada, MD, MS, AGAF, associate professor of medicine, associate dean for admissions, and associate dean for faculty diversity and inclusion, received a 2022



SANDRA QUEZADA

Healio Disruptive Innovators Award for Health Equity, which is given to physicians who have changed the face of gastroenterology and pushed the status quo toward the betterment of the field, creating meaningful change to overcome social barriers and optimize health in gastroenterology.

**Emerson Wickwire, PhD**, professor, Departments of Psychiatry and Medicine, was appointed to a three-year term on the Board of Directors of the American Academy of Sleep Medicine.



MIKE WINTERS

Mike Winters, MD, professor and vice chair, Department of Emergency Medicine, was appointed as the University of Maryland Medical Center's

(UMMC) first senior medical advisor for patient access and throughput. He will assume a six-month detail to the office of the chief clinical officer to collaborate with UMMC, UMSOM, and University of Maryland Medical System leaders and partners to examine measurement and improvement of patient access.

Michael Zarro, PT, DPT, SCS, CSCS, and Robert Rowland, PT, DPT, OCS, RMSK, CSCS, both assistant professors in the Department



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of Physical Therapy & Rehabilitation Science, are co-authors of "Roles and Responsibilities of the Physical Therapist in Collegiate



MICHAEL ZARRO

Athletics: Results of a National Survey," which was published in the *International Journal of Sports Physical Therapy* on Oct. 1.

### SCHOOL OF NURSING

UMSON received a 2022 Health Professions Higher Education Excellence in Diversity Award from *INSIGHT Into Diversity* magazine, the oldest and largest diversity-focused publication in higher education, for the fifth consecutive year.



**BONJO BATOON** 

Bonjo Batoon, BSN '98, PhD student, was the subject of "Etomidate, Extrication and Etsy," which was published Oct. 4 on EMS1. com, an online

resource for the emergency medical services community and a voice in prehospital care. The article discusses Batoon's participation and leadership in the R Adams Cowley Shock Trauma Center's GO-TEAM.

Susan L. Bindon, DNP '11, MS '96, RN, NPD-BC, CNE, CNE-cl, FAAN, associate professor, associate dean for faculty development, and director, Institute for Educators and



SUSAN L. BINDON



KELLY DORAN

Teaching in Nursing and Health Professions Certificate program, and **Kelly Doran, PhD '11, MS** '08, RN, FAAN, associate professor, were inducted as 2022 Fellows of the American Academy of Nursing.



LUANA COLLOCA

Luana Colloca, MD, PhD, MS, professor, and UMSON colleagues and PhD students co-authored "How Negative and Positive Constructs and

Comorbid Conditions Contribute to Disability in Chronic Orofacial Pain," which was accepted for publication in the *European Journal of Pain*.



ERIKA FRIEDMANN



EUN-SHIM NAHM

Erika Friedmann, PhD, professor and associate dean for research, and Eun-Shim Nahm, PhD '03, RN, FAAN, FGSA, professor and associate dean for the PhD program, were appointed co-directors of UMSON's Postdoctoral program.

Alex Hernandez, a student in the Doctor of Nursing Practice Adult-Gerontology Acute Care Nurse Practitioner/Adult-Gerontology Clinical Nurse Specialist specialty, was honored with a DAISY Award for his work in the University of Maryland Medical Center's Cardiac Surgery Intensive Care Unit.



JANE M. KIRSCHLING

Kirschling, PhD, RN, FAAN, the Bill and Joanne Conway Dean of UMSON, and Rebecca Wiseman, PhD, RN, associate

professor and

Jane M.

director, UMSON Maryland Nursing Workforce Center, served on a panel regarding the nursing workforce at the Maryland Nurses Association's Annual Convention on Oct. 6.



TRINA KUMODZI

Trina Kumodzi, PhD, RN, CCRN, assistant professor, received the 2022 Young Alumni of the Year Award from Barnes-Jewish Goldfarb School

of Nursing in St. Louis.



REGINA PHILLIPS

Regina Phillips, PhD, MS '06, RN, CNE, assistant professor, was named the 2022 UMSON Dean's Scholarship Scholar (DSS). The DSS

program provides focused time and mentorship for



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individuals who desire to increase their concentration on the research/ scholarship component of the mission by enhancing their writing and publication skills.



LAYNE PRICE

Layne Price, BSN, RN, PCCN, a student in the Doctor of Nursing Practice Family Nurse Practitioner specialty and president, Doctoral Student Organization,

was selected for the UMB President's Entrepreneurial Fellowship, which is designed to give students handson training and experience in commercializing health science discoveries made by UMB faculty.



VERONICA QUATTRINI



AMANDA ROESCH

Veronica Quattrini, DNP, MS
'99, BSN '85, FNP-BC, assistant
professor and senior director, Doctor
of Nursing Practice program, and
Amanda Roesch, DNP, MPH,
FNP-C, assistant professor, had two
abstracts accepted for presentation
at the American Association of
Colleges of Nursing Doctoral
Education Conference in January.

Barbara Resnick, PhD '96, RN, CRNP, FAAN, FAANP, professor, Sonya Ziporkin Gershowitz Chair in Gerontology, and co-director, Biology and Behavior Across the Lifespan Organized Research Center, was named co-editor-in-chief of *JAMDA*, the monthly medical journal of AMDA-The Society for Post-Acute and Long-Term Care Medicine.

Alison M. Trinkoff, ScD, MPH, RN, FAAN, professor, was awarded \$1.94 million over five years from the Agency for Healthcare Research and Quality for the research project "EHR Usability and Usefulness, Perceived Missed Nursing Care, and Medication Errors in Critical Care."



KARI WHEELER

Kari Wheeler, BSN, RN, BMTCN, CPHON, CPN, a student in the Doctor of Nursing Practice Pediatric Acute Care Nurse Practitioner specialty, was

selected to present "Including the Child's Voice During Care: Assessing for Chemotherapy-Induced Nausea and Vomiting in a Pediatric Oncology Clinic with the Pediatric Nausea Assessment Tool" at the Society of Pediatric Nurses' Annual Conference in April.

### **SCHOOL OF PHARMACY**



NICOLE BRANDT

Nicole Brandt, PharmD, MBA, BCPP, CGP, FASCP, professor, Department of Practice, Sciences, and Health Outcomes Research, and executive director,

Peter Lamy Center on Drug Therapy and Aging, received a two-year, \$28,448 fellowship from the American Society of Consultant Pharmacists for "Training Agreement for Geriatric Pharmacotherapy Fellowship."



HEATHER CONGDON

Heather Congdon, PharmD, BCPS, CDE, professor, Department of Practice, Sciences, and Health Outcomes Research, received a

continuance of her University System of Maryland Wilson H. Elkins Professorship for 2022-2023.



JOGA GOBBURU

Joga Gobburu, PhD, professor, Department of Practice, Sciences, and Health Outcomes Research, and director, Center for Translational Medicine.

received a one-year, \$135,000 contract from Padagis US for "Leuoprolide Project – Scope of Work 1."



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STEPHEN HOAG

Stephen Hoag, PhD, professor, Department of Pharmaceutical Sciences, and director, Applied Pharmaceutics Lab, received a nine-month, \$70,401

contract from Johns Hopkins University for "Development of a Chemical Dissolution Formulation to Facilitate the Breakdown and Drainage of Pancreatic Necrosis."

Magaly Rodriguez de Bittner, PharmD, BCPS, CDE, FAPhA, Felix Gyi Endowed Memorial Professor in Pharmapreneurship, associate dean for clinical services and practice transformation, and executive director, Center for Innovative Pharmacy Solutions, received a 14-month, \$298,856 contract from the Maryland Primary Care Physicians Institute for "Memorandum of Understanding."

## **SCHOOL OF SOCIAL WORK**



HAKSOON AHN

Haksoon Ahn, PhD, associate professor, and Kimberly Williams, PhD candidate, were among the coauthors of "Family Team Decision Meeting and

Child Welfare Service Disparities: The Influence of Race and Poverty," which was published in *Children* and Youth Services Review.



TODD BECKER



JOHN CAGLE

Todd Becker, PhD candidate, and John Cagle, PhD, associate professor, co-authored a paper that was published in the *Journal of Pain and Symptom Management* that explores hospice professionals' perceptions of priority research areas and priority unmet clinical needs for patients and families.



MELISSA BELLIN

Melissa Bellin, PhD, and John Cagle, PhD, both associate professors, and Todd Becker and Laura Whitney, both PhD candidates, were among

the co-authors of "Advance Care Planning and Communication Skills Improve After an Interprofessional Team Simulation with Standardized Patient," which was published in Palliative Medicine Reports.

Lisa Berlin, PhD, professor, was among the co-authors of a paper published in the *Infant Mental Health Journal* that examines the role of neighborhood collective efficacy in the prevention of early harsh parenting and toddler behavior problems among low-income Latino families.



CHRISTINE CALLAHAN

Christine
Callahan,
PhD, LCSW-C,
research associate
professor, was
named chair
of UMSSW's
Financial
Social Work
Initiative, which

works to advance economic stability and financial wellness in local communities.



IRIS CARDENAS

Iris Cardenas, PhD, assistant professor, wrote "Development and Validation of the Scale of Attitudes About Seeking Formal Help in the Context of Intimate Partner

Violence," which was published in the *Journal of Interpersonal Violence*.



NANCY DIGBY FRANKE

Nancy Digby Franke, PhD candidate, and Gail Betz, MSLIS, research and education outreach librarian, Health Sciences and Human Services

Library, were among the coauthors of "Police Diversion at Arrest: A Systematic Review of the Literature," which was published in *Criminal Justice and Behavior*.



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**Jodi Frey, PhD**, professor, was among the co-authors of an introduction to a special issue of the *Journal of Family and Economic Issues* that provides an overview of papers that emerged from a 2020 social work academic conference focused on financial capability and asset building.



GEOFFREY GREIF

Geoffrey Greif, PhD, professor, co-authored "Group Work with Fathers in Federal Pretrial Detention and a Community-Based Residential Setting: Reflections on Practice and Policies Across Contexts," a chapter in the book "Social Work Practice with Fathers."

Darren



DARREN WHITFIELD

Whitfield, PhD, associate professor, was among the co-authors of a paper published in the International Journal of Environmental Research and

Public Health that examined the associations between childhood sexual abuse and depression among Black sexual minority men in the southeastern United States.



ALEXANDR*A* WIMBERLY

Alexandra
Wimberly, PhD,
MPH, MSW,
assistant professor,
was among the
co-authors of
"Typologies of
Stressful Life
Events and Their
Association

with Sexual Risk Behaviors and Communication Among Justice-Involved Males and Their Female Sex Partners," which was published in *Guilford Press Periodicals*.

LAUNCH YOUR LIFE

# MAKE KINDNESS COUNT

Make Kindness Count is an initiative that embraces everything the University of Maryland, Baltimore (UMB) believes in — promoting and celebrating kindness within our University community by fostering belonging and a culture of care.

Spread kindness in the New Year for your health and well-being. **Learn more at** *umaryland.edu/kindness*.







# **STATEOFTHEUNIVERSITY**

DECEMBER 2022

## JARRELL DETAILS CHALLENGES MET, CHALLENGES AHEAD FOR UMB

University of Maryland, Baltimore (UMB) President Bruce E. Jarrell, MD, FACS, presided over a unique State of the University Address on Nov. 9 at the Hippodrome Theatre, alternately delivering his speech and working the room to elicit insights from the "party" guests who joined him on stage at the historic venue.

"Over the past couple of years, we've accomplished a lot," Jarrell said, referring to the University's resilience and response amid the COVID-19 pandemic, racial unrest, and political upheaval.

"I'm here to tell you that the state of our University is strong. And it is you — all of us — who make it so: the UMB team, every member, every partner, and every friend we have.

"Why does it look like we're having a party on stage? Because I thought it was important to have a party," he added. "Think about the accomplishments UMB has had in the past several years. What you've done is inspiring — and you've all earned the right to be in the limelight."

Jarrell noted that UMB has hired four new deans, created offices focused on diversity and sustainability, established a new set of core values, and created initiatives to bolster faculty development in recent years.

"These achievements happened because everybody pulled together — faculty, staff, and students," he said. "The past several years have been really trying, and many distractions and obstacles have been put in our way. But we have not faltered, we have flourished."

Jarrell handed the microphone to a series of guests to contribute their thoughts, including Mohan Suntha, MD, president and CEO, University of Maryland Medical System, and Darryll J. Pines, PhD, MS, president, University of Maryland, College Park. Other UMB leaders discussed their efforts, and two deans spoke — Renée McDonald Hutchins, JD, Francis King Carey School of Law, and Jane M. Kirschling, PhD, RN, FAAN, School of Nursing.

Baltimore Symphony Orchestra cellist Lachezar Kostov, MM, opened the event with a piece from the 1970 movie "M\*A\*S\*H"

that was popularized as the theme song from the TV show of the same name, which was about U.S. doctors, nurses, and support staff and their struggles during the Korean War.

Jarrell said he saw the movie when he was a medical student and it made an impact about the terrors of war. Later in his career, he learned that U.S. military surgeons, frustrated with having to perform so many amputations, made innovations during the war that saved the legs of many wounded service members.



PHOTO BY MATTHEW D'AGOSTINO

FROM LEFT, BRUCE JARRELL, DARRYLL PINES, AND MOHAN SUNTHA TOOK TURNS SPEAKING AT THE HIPPODROME DURING THE STATE OF THE UNIVERSITY ADDRESS.

"Like the surgeons in Korea, we have the choice before us: Do we just accept the current state of affairs, shrug our shoulders, and move on? Or do we push back and ask, 'Isn't there a better way to do this?' "he said. "I think there is a better way. And I expect to see great breakthroughs in health sciences, leaps in education and teaching, and progress in our social sciences toward curing social injustice and health inequities."

— Lou Cortina

Read more, view a photo gallery, and watch the State of the University Address **at this link**. &



DECEMBER 2022

## LIASSON, GOLDBERG DISSECT MIDTERM RESULTS, LOOK AHEAD TO 2024

218-211.

University of Maryland, Baltimore (UMB) President Bruce E. Jarrell, MD, FACS, opened the President's Panel on Politics and Policy on Nov. 17 by reciting that tally — the midterm election results for the House of Representatives as of that morning, with Republicans taking control of the House by a slimmer-than-expected margin.

Over the next 95 minutes, Jarrell engaged in a wide-ranging conversation at the SMC Campus Center Elm Ballrooms with guests Mara Liasson, National Public Radio political correspondent, and Jonah Goldberg, conservative syndicated columnist, political analyst, and commentator. The topics during the discussion, which also was livestreamed, included the 2024 presidential campaign and the midterms, which did not produce

the red wave that many expected as Democrats appear poised to retain control of the Senate.

The simplest take on the midterm results, according to Liasson: "Voters just voted against crazy."

"If you took the exit polls without knowing who won, and you looked at them, and then you were asked from these exit polls who won this election? The exit polls showed people thought Republicans were better on the economy, immigration, inflation, crime. President Joe Biden was very unpopular, and Democrats still won. People who thought all those things still went into the booth and voted for Democrats," she said.

Goldberg said in races where voters thought election deniers would have an impact on law, such as abortion legislation, those candidates were punished. An endorsement from former

President Donald Trump was a "penalty" that cost candidates five percentage points, he added.

"It was a great night for what we in the Trump skeptical conservative community call Republican normies," Goldberg said. "For someone like me who has stayed out of the pro-Trump stuff for seven years and paid quite a price for it, this was a great election because everyone who I thought was ruining the Republican Party took it on the chin. Election deniers conceded defeat, which was great for the country."

Goldberg said weak parties create strong partisanship.

"If you had well-run parties that took care to protect their brand and their long-term institutional interests, you would see a total cleaning house of the whack jobs after this election, and it would be, 'Let's put up the normal, boring Republicans, because they did really well,' "he said. "Voters moved toward normal, ordinary Republicans in large numbers. And then given two nights ago, we had the Mar-a-Lago announcement [Trump announcing



PHOTO BY ALEX LIKOWSKI

UMB PRESIDENT BRUCE JARRELL AND NATIONAL POLITICAL COMMENTATORS MARA LIASSON AND JONAH GOLDBERG DISCUSSED THE MIDTERM ELECTION RESULTS DURING THE PRESIDENT'S PANEL ON POLITICS AND POLICY, WHICH WAS HELD IN PERSON FOR THE FIRST TIME SINCE MARCH 2020.



### Continued from previous page



"Democrats have breathing room to fix their problems on immigration, crime, and all sorts of left-wing cultural excesses. They have an opportunity. And let's see if they take it."

- MARA LIASSON



"This was a great election because everyone who I thought was ruining the Republican Party took it on the chin. Election deniers conceded defeat, which was great for the country."

- JONAH GOLDBERG

his 2024 candidacy], it's not necessarily obvious that we're going to go that way. But this does give the forces of boring normalcy in the Republican Party a lot of amp."

Liasson and Goldberg shared their takes on whether the parties will learn from the midterms and act.

"It's easier right now for Republicans to say, 'Let's just go with the normies.' For Democrats, it's a little harder, because they dodged a bullet, they did not win," Liasson said. "This is what's so confusing. The same thing happened in 2020 when Joe Biden won decisively at the top of the ticket, but Democrats lost seats in Congress. They both lost and won, and they totally misinterpreted their mandate. But Democrats have breathing room to fix their problems on immigration, crime, and all sorts of left-wing cultural excesses. They have an opportunity. And let's see if they take it."

Goldberg agreed for the most part.

"The great news out of the midterms is that Republicans are going to learn a lot of lessons that they need to learn. The bad news is that the Democrats aren't going to learn a lot of lessons," he said, later clarifying when Liasson questioned him that he believes it's "more possible" that Republicans will learn lessons.

"And this has been a problem the last 20 years," Goldberg said. "Every party whenever they win, they wildly overinterpret their mandate. Biden had a mandate to do two things when he was elected: not be Donald Trump and return things to normalcy. He accomplished the first one really quickly. But the return to normalcy, I don't think he quite delivered on, and some of it's not his fault."

They also discussed potential 2024 presidential candidates including Biden, Trump, and Florida Gov. Rick DeSantis, a Republican who was re-elected by a large margin.

On Biden running for re-election, Goldberg said he thought that the president would be a "disastrous or at least extremely risky candidate in 2024. ... If you look at the exit polls, vast majorities of Democratic voters do not want him to run again. He's not popular."

Liasson talked about how a large Republican field could benefit Trump.

"The way Donald Trump can win the nomination in 2024 is the same way he won it the first time in 2016: against a crowded field," Liasson said. "The Republican Party couldn't get its act together to coalesce around one non-Trump alternative, and he won with 30 to 40 percent of the vote. I think back then there was a real failure of imagination among Republicans. They thought if they took two aspirin and lay down, when they got up, he'd be gone. He wasn't.

"Will [former Secretary of State] Mike Pompeo, [former Vice President] Mike Pence, and all those people step aside for Ron DeSantis? We're also going to find out how firm Trump's grip is on the base of the Republican Party."

Regarding DeSantis, Goldberg said voters are wrong to compare the Florida governor to Trump.

"People who say DeSantis is no different than Trump just do an incredible disservice. I think Trump is a unique threat to our institutions, a uniquely narcissistic, sociopathic guy when it comes to norms. DeSantis isn't that," he said. "You can think he's a bad Republican, that he's a bad person, that he's too right wing. That's all fair game in a democracy. But he's a fairly conventional Republican politician compared to Donald Trump."

- Jen Badie

Watch a video of the event at this link.





#### **DECEMBER EPISODE**

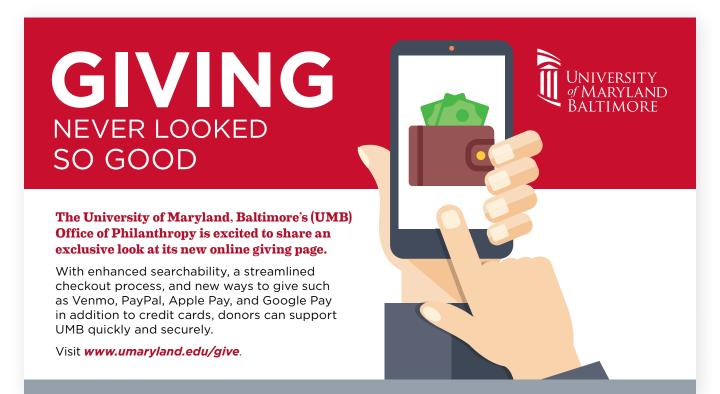
## Dr. Kotloff's Global Health Mission: Defeating Diarrheal Illness

**GUEST:** Karen Kotloff, MD, professor, Department of Pediatrics, University of Maryland School of Medicine; head, Division of Infectious Disease and Tropical Pediatrics, and associate director of clinical studies, Center for Vaccine Development and Global Health; and UMB Distinguished University Professor.

Dr. Kotloff finds herself in remote areas of sub-Saharan Africa and South Asia helping children survive diarrheal illnesses that we take for granted in the United States thanks to our health care system. She discusses what her work in global health looks like and explains why some countries continue to battle these illnesses.

Episode dropped Dec. 2

Learn more at umaryland.edu/pulse.



## INNOVATIONANDDISCOVERY

DECEMBER 2022

### NEW INSTITUTE AIMS TO TRANSFORM DATA-DRIVEN HEALTH CARE



PHOTO BY MATTHEW D'AGOSTINO

FROM LEFT, BRUCE JARRELL, MARC ELRICH, MOHAN SUNTHA, AND DARRYLL PINES SIGN THE MEMORANDUM OF UNDERSTANDING ON THE UNIVERSITY OF MARYLAND 3 — INSTITUTE FOR HEALTH COMPUTING.

A revolution in health care began to take shape on a sunny rooftop in North Bethesda, Md., on Nov. 10, when the University of Maryland Strategic Partnership: *MPowering the State* (*MPower*) announced a transformative partnership to establish the University of Maryland 3 - Institute for Health Computing (UM-3-IHC). The new era in data-driven biomedical innovation is being led by the University of Maryland, Baltimore (UMB) and the University of Maryland, College Park (UMCP), in collaboration with the University of Maryland Medical System (UMMS) and Montgomery County, Md.

Calling the institute "a big deal," University System of Maryland Chancellor Jay A. Perman, MD, said the biomedical triumvirate of UMB's top-ranked health science professional schools; College Park's state-of-the-art expertise in artificial intelligence, virtual reality, and machine learning; and UMMS, which serves over 5 million patients, all linked through electronic health care records, is an indication of great things on the horizon in health care innovation.

The institute
"joins together the
deep expertise of
the University of
Maryland in advanced
computing and the
equally deep expertise
of UMB and UMMS
in human health,"
Perman said. "When
you leverage the first,
advanced computing,
to the second,
our health, it's a
wonderful thing."

The transformative partnership will establish North Bethesda as a national epicenter of computationally enabled biomedical research, population health, and precision medicine. Big data combined with state-

of-the-art analytical approaches have the potential to greatly improve medical outcomes and population health.

The institute will leverage recent advances in artificial intelligence (AI) and computing to create a premier learning health care system that evaluates both de-identified and secure digitized medical health data to diagnose, prevent, and treat diseases in patients across Maryland.

"We are witnessing an unprecedented revolution in health care that is being driven by biomedical innovation, the digitization of medical records, and advances in machine learning and artificial intelligence," said UMB President Bruce E. Jarrell, MD, FACS. "This new institute will include all of these elements in a synergistic effect that will transform our health care system."

The institute will incorporate technologies, including the use of machine-learning algorithms, to study emerging diseases and help establish precision patient care to halt disease progression. For example, poorly controlled diabetes, high blood pressure,



### Continued from previous page

risk of opioid overdose, and early kidney disease can be identified by trending changes in lab tests in outpatients, allowing targeted interventions to prevent disease progression. Such efforts will lead to improved care for the patient, yielding better diagnoses and treatments tailored to an individual's unique health needs.

The excitement in the air was palpable as stakeholders including university presidents, administrators, and lawmakers shared in the success of sealing the deal with a Memorandum of Understanding and a glimpse into the future of health care.

UMCP President Darryll I. Pines, PhD, MS, reminded the rooftop gathering of the "transformative leap" in medicine made by the sequencing of the human genome at the National Institutes of Health 20 years ago. "That happened right here in Montgomery County," Pines said.

"We stand today at the cusp of another powerful revolution of medicine," he continued. "We will harness our internationally recognized expertise in artificial intelligence, visual computing, and augmented and virtual reality programs. When we apply these strengths to medicine, we are creating an opportunity to revolutionize patient care and improve health and well-being for everyone."

Jarrell called the collaboration among UMB, College Park, and UMMS as the A-team. "How do we fit together? We fit together like that," he said, holding up his interlaced fingers for the crowd to see. "There's so many complementary pieces that fall together in this, and that's what makes us an A-team."

Mohan Suntha, MD, MBA, president and CEO of UMMS, noted he is proud of the partnership the system's 12 affiliated hospitals have within the university-based health system.



"WE ARE WITNESSING AN UNPRECEDENTED REVOLUTION IN HEALTH CARE THAT IS BEING DRIVEN BY BIOMEDICAL INNOVATION, THE DIGITIZATION OF MEDICAL RECORDS, AND ADVANCES IN MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE," UMB PRESIDENT BRUCE JARRELL SAID.

"While we are delivering the care of today, we take on the responsibility of educating the future health care workforce," he said. "We do this through partnership, and so when I look around today, I am incredibly excited about the partners that sit together to make this announcement."

The institute will catalyze a clinical data science ecosystem in North Bethesda that draws FDA and NIH investigators, UMB and UMCP faculty, medical bioinformatic educational programs and students, and industry partners, allowing expansion of computational "dry" laboratories, virtual meeting rooms, and classrooms.

The institute is expected to open in leased space in early 2023, with final completion of laboratory and office space at the location near the North Bethesda Metro station in 2028. Initial funding of \$25 million is provided by MPower. The Montgomery County

government will provide an additional \$40 million to develop the North Bethesda site.

"When I think about the opportunity that's in front of all of us, I want you to imagine that in the very near future, the nation will describe Montgomery County as the Silicon Valley of health care computing," Suntha said.

Montgomery County Executive Marc Elrich agreed, saying he is looking forward to the economic development the institute will bring to North Bethesda and the state.

"It's going to be good for the state of Maryland. It's going to be good for the residents in Maryland. It's going to stimulate business growth and development, which is something we're all interested in," he said.

— Laura Lee

Watch a video about the event at this link.



# COMMUNITYENGAGEMENT

DECEMBER 2022

## **NEARLY 1,500 FAMILIES SERVED IN ANNUAL THANKSGIVING DRIVE**

Every November, the University of Maryland, Baltimore's (UMB) Staff Senate and Office of Community Engagement collaborate to provide Thanksgiving meals for UMB's neighbors in West Baltimore. This year, the University combined efforts with the University of Maryland Medical Center (UMMC) and WJZ-TV to maximize the reach and impact of the annual Thanksgiving Drive.

"We are so glad to partner with UMMC and WJZ this year because it significantly broadened our reach," said Brian Sturdivant, MSW, UMB's director of strategic initiatives and community partnerships. "We have never collected quite this much, and we've never been able to help this many families, so the success of this year's drive feels amazing."

The original goal for the drive was to raise \$45,000. With the combined efforts of UMB, UMMC, and WJZ-TV, donors crushed that figure by raising \$54,769, which provided Thanksgiving meal baskets to 1,484 families in West Baltimore, Each basket contained a frozen turkey, a box of fresh produce from Hungry Harvest, and a booklet of heart-healthy recipes everything neighbors needed to cook a Thanksgiving feast with all the trimmings.

"This is exciting to be able to receive Thanksgiving turkeys," said Delores Cheatham, who volunteers at Robert W. Coleman Elementary School and received a meal basket. "With how expensive groceries are this year, just a turkey for the family will cost around \$40. This helps so much with making sure we prioritize time with family rather than worrying about the dinner. That's what this holiday is all about: time with the family."

Donations were collected through Nov. 18, and the drive's culminating event took place Nov. 22, the Tuesday before Thanksgiving. Hundreds of volunteers from UMB, UMMC, and WJZ-TV rolled up their sleeves to deliver the meal baskets to community partners in West Baltimore.

The delivery day started at 6:30 a.m., when volunteers loaded up four moving trucks with produce boxes and frozen turkeys from Shoppers Food. Once the food was loaded, the trucks

set out to deliver the meals to 25 locations in West Baltimore where community members could pick up their baskets in a convenient location.

"It's really about being a good neighbor for us," Sturdivant said. "We are an anchor institution in West Baltimore, and we're not going anywhere, so we have a responsibility to our neighbors to help make their lives easier. And that's what we're here to do."

The success of the drive set the tone for the Thanksgiving holiday. It was an act of coming together to support UMB's neighbors and spread service, gratitude, and kindness within communities.



PHOTO BY MATTHEW D'AGOSTINO

LOCAL RESIDENTS CARRY THE MEAL BOXES THAT WERE DELIVERED TO 25 LOCATIONS AROUND WEST BALTIMORE ON NOV. 22 TO CULMINATE UMB'S ANNUAL THANKSGIVING DRIVE.

"This drive brought UMB, UMMC, and really everyone together to support our community," said Jill Hamilton, MSW, vice president of the UMB Staff Senate. "None of this would have been possible without all the contributions from donors and the efforts of all our partners including the Staff Senate Community Outreach Committee, which helped spread the word early and often."

— Jena Frick

Watch a video about the drive at this link.



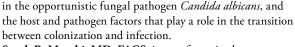
## **MPOWERINGTHESTATE**

DECEMBER 2022

### SECOND COHORT OF MPOWER PROFESSORS ANNOUNCED

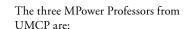
The University of Maryland Strategic Partnership: *MPowering the State (MPower)* has appointed six professors — three from the University of Maryland, Baltimore (UMB) and three from the University of Maryland, College Park (UMCP) — as the second cohort of MPower Professors. The professorship recognizes, incentivizes, and fosters collaborations between faculty at UMB and UMCP who are working together on the most pressing issues of our time.

To be considered for the MPower Professorship, faculty members must demonstrate collaboration on strategic research that would be unattainable or difficult to achieve by UMB or UMCP acting independent of one another, and they must embrace the mission of *MPower* — to collaboratively strengthen and serve the state of Maryland and its citizens. Each professor will receive \$150,000, allocated over three years, to apply to their salary or to support supplemental research activities.



- Sarah B. Murthi, MD, FACS, is a professor in the Department of Surgery at UMSOM and an attending physician and director of the Critical Care Ultrasound Program at the R Adams Cowley Shock Trauma Center. She is the director of the Center for Medical Innovations in Extended Reality, known as MIXR, at UMB. The center is developing virtual reality, augmented reality, and other immersive media technologies for use in clinical trials and eventually widespread use in medical care. Murthi's research includes implementing innovative extended reality medical displays that could improve bedside procedures.
- David J. Weber, PhD, is a professor in the Department of Biochemistry and Molecular Biology at UMSOM, with a joint appointment as professor of chemistry and

biochemistry in the UMCP College of Computer, Mathematical, and Natural Sciences. He is co-director of the Institute for Bioscience and Biotechnology Research, based at the Universities at Shady Grove; director of the Center for Biomolecular Therapeutics; and director of the Maryland Center for Advanced Molecular Analysis. His research examines the structure, function, and inhibition of potential therapeutic targets in cancer, diabetes, heart disease, and infectious disease.





MARY ANN JABRA-RIZK



SARAH MURTHI



DAVID WEBER

"The MPower Professors have shown incredible dedication and commitment to collaboration, innovation, and discovery. Their work to solve major challenges and positively impact the lives of others is bolstered by this investment," said UMB President Bruce E. Jarrell, MD, FACS.

The MPower professors from UMB are:

Mary Ann Jabra-Rizk, PhD, is a professor in the Department
of Oncology and Diagnostic Sciences at the University of
Maryland School of Dentistry. She also is an adjunct professor
in the Department of Microbiology and Immunology at the
University of Maryland School of Medicine (UMSOM). She
has a broad background in investigating the virulence factors

- John P. Fisher, PhD, the Fischell Family Distinguished Professor, Distinguished Scholar-Teacher, and chair, Fischell Department of Bioengineering, A. James Clark School of Engineering.
- Philip S. Resnik, PhD, MS, professor of linguistics, College of Arts & Humanities, and professor, University of Maryland Institute for Advanced Computer Studies.
- Amy R. Sapkota, PhD, MPH, professor of environmental health science, Maryland Institute for Applied Environmental Health, School of Public Health.

- UMB Staff

Learn more about the MPower Professors at this link. &

