

UMB LAURELS

MARCH 2025



UNIVERSITY of MARYLAND
BALTIMORE

UNIVERSITYWIDE



SHUO CHEN



JULIE DUNNING
HOTOPP



FADIA SHAYA



RICHARD J.
TRAUB

Shuo Chen, PhD, MSPH, MS, professor, Department of Epidemiology and Public Health, and **Julie Dunning Hotopp, PhD**, professor, Department of Microbiology and Immunology, both from the School of Medicine; **Fadia Shaya, PhD, MPH**, professor, Department of Practice, Sciences, and Health Outcomes Research, School of Pharmacy; and **Richard J. Traub, PhD**, professor, Department of Neural and Pain Sciences, School of Dentistry, were named to the 2025 cohort of MPower Professors by the University of Maryland Strategic Partnership: *MPowering the State*.



PAUL SHAPIRO



STEPHEN
FLETCHER



JEFFREY HASDAY



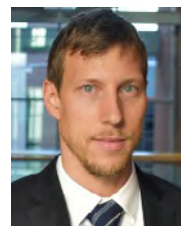
ALEXANDER
MACKERELL

Paul Shapiro, PhD, professor, School of Pharmacy (UMSOP), is the lead inventor, and **Stephen Fletcher, PhD**, associate professor, UMSOP; **Jeffrey Hasday, MD**, professor, School of Medicine; and **Alexander MacKerell, PhD**, professor, UMSOP, are the co-inventors of “Non-ATP/Catalytic Site p38 Mitogen Activated Protein Kinase Inhibitors,” which was issued a U.S. continuation patent Jan. 21.

SCHOOL OF DENTISTRY

Douglas M. Barnes, DDS '83, MS, professor and chief dental officer, Faculty Practice Clinics of Excellence, was elected president of the Baltimore City Dental Society in January.

David Seminowicz, PhD, adjunct professor, Dean's Faculty, and **Joyce T. Teixeira Da Silva, PhD**, assistant professor, Department of Neural and Pain Sciences, were among co-authors of “Predicting Individual Pain Sensitivity



DAVID
SEMINOWICZ



JOYCE TEIXEIRA
DA SILVA

Using a Novel Cortical Biomarker Signature,” which was published in *JAMA Neurology* in January.



AHMED SULTAN



JEFFERY PRICE

Ahmed Sultan, BDS, PhD, assistant professor and director, and **Jeffery Price, DDS, MS**, clinical professor and co-director, both in the Division of Artificial Intelligence Research, were among the co-authors of “Efficacy and Empathy of AI Chatbots in Answering Frequently Asked Questions on Oral Oncology,” which was published in *ScienceDirect* in January.

SCHOOL OF GRADUATE STUDIES



KAREN L.
GORDES

Karen L. Gordes, PhD, PT, DScPT, professor and program director, MS and Teaching Certificate in Health Professions Education, received a two-year curriculum innovation grant from the International

Association of Medical Science Educators for “A Faculty Training Program For Medical Educators — Fostering Inclusion Through a Trauma Informed Pedagogical Framework.” The co-investigators include **Mary Jo Bondy, DHed, MHS**, and **Violet Kulo, EdD, PhD**, both associate professors.



MARY JO BONDY



VIOLET KULO



HYUN-JIN JUN



CHRISTINA CESTONE

Violet Kulo, EdD, PhD, associate professor; **Hyun-Jin Jun, PhD, MSW**, assistant professor; and **Christina Cestone, PhD**, assistant vice provost of faculty affairs,

were among the co-authors of “Team Science in Interdisciplinary Health Professions Education Research: A Multi-Institutional Case Study,” which was published in *Advances in Health Sciences Education*.

CAREY SCHOOL OF LAW

Rabiat Akande, JD, associate professor, presented “Islamic Law and Social Movements” at the Association of American Law Schools’ Annual Meeting, which was held in San Francisco on Jan. 7-11.

Kristina Alayan, JD, associate dean for library and technology and associate professor, presented “Law Libraries and Legal Information: Setting the Standard for Future Academic Law Libraries”

at the Association of American Law Schools’ Annual Meeting, which was held in San Francisco on Jan. 7-11.



CHAZ ARNETT

Chaz Arnett, JD, professor, wrote “Crowdsourcing Surveillance,” which was published in *UCLA Law Review Discourse* on Jan. 11.



KATHY FREY-BALTER

Kathy Frey-Balter, JD, professor and interim director, Lawyering Program, presented “Brave Baby Steps: Taking Small Pedagogical Risks with Your Teaching” at the Association of American Law

Schools’ Annual Meeting, which was held in San Francisco on Jan. 7-11.



MARK GRABER

Mark Graber, JD, professor, was quoted in “What Executive Orders Trump Said He’d Sign on Day 1,” which was published on Fox 5 DC’s website Jan. 20.



DIANE HOFFMANN

Diane Hoffmann, JD, professor and director, Law and Health Care Program, co-authored “FAIRS – A Framework for Evaluating the Inclusion of Sex in Clinical Algorithms,” which

was published in *The New England Journal of Medicine* on Jan. 8.

Kathleen Hoke, JD, professor and director, Legal Resource Center for Public Health Policy, was quoted in “MD Supreme Court Narrowly Upholds Child Victims Act,” which was published in *The Daily Record* on Feb. 3.



GUHA KRISHNAMURTHI

Guha Krishnamurthi, JD, associate professor, presented at the Criminal Law Junior Scholars’ Works in Progress session at the Association of American Law Schools’ Annual Meeting, which was held in San Francisco on Jan. 7-11.



SARAH LORR

Sarah Lorr, JD, associate professor, presented at the Family and Juvenile Law Works in Progress session and the AALS Arc of Career Program: Navigating, Challenging, and Transcending Law

School Faculty Hierarchies session at the Association of American Law Schools’ Annual Meeting, which was held in San Francisco on Jan. 7-11.



LILA MEADOWS

Lila Meadows, JD, adjunct professor, was quoted in “Lawmakers Split over Early Release for Ill Inmates,” which was published in the *Cumberland News-Times* on Feb 4.



MICHAEL MILLEMMANN

Michael Millemann, JD, professor, was quoted in an obituary about Herbert S. Garten that was published in *The Baltimore Sun* on Feb. 2.



WILL MOON

Will Moon, JD, professor, wrote “Transnational Corporate Law Litigation,” which was published in the *Duke Law Journal*.

Jon Mueller, JD, visiting associate professor, was quoted in “Trump Order on EVs Targets Maryland Programs. Experts Say Parts Might Not Stick,” which was published in *The Baltimore Sun* on Jan. 27.



**AADHITHI
PADMANABHAN**

Aadhithi Padmanabhan, JD, assistant professor, presented at the New Voices in Immigration Law’s Works in Progress session at the Association of American Law Schools’ Annual Meeting, which was held in San Francisco on Jan. 7-11.



**ROBERT
PERCIVAL**

Robert Percival, JD, professor, was quoted in “Big Oil May Finally Have to Face Trial in Climate Deception Lawsuits,” which was published on the Climate in the Courts website Jan. 20.



MONIQUE DIXON

Michael Pinard, JD, professor and director, Clinical Law Program, and **Monique Dixon, JD**, executive director, Gibson-Banks Center for Race and the Law, co-authored “Maryland’s Youth Are Unfairly Criminalized,” which was published in *The Baltimore Sun* on Jan. 23.



**MATIANGAI
SIRLEAF**

Matiangai Sirleaf, JD, professor, served on the planning committee of the National Academies of Sciences, Engineering, and Medicine’s Health and Medicines Division Forum on “Microbial Threats, Preventing Patient Zero” and provided remarks at the concluding session in Washington, D.C., in January.



JEFF SOVERN

Jeff Sovern, JD, professor, wrote “The Arbitration Illusion,” a letter to the editor that was published in *The New York Times* on Nov. 11.



RENA STEINZOR

Rena Steinzor, JD, Professor Emeritus, co-authored “The CRA Is a Payday for Congressional Republicans,” which was published on The Regulatory Review website Jan. 27.

Tiffany Yang, JD, assistant professor, presented “Prison Law: Operating in the Shadows” at the Association of American Law Schools’ Annual Meeting, which was held in San Francisco on Jan. 7-11.

SCHOOL OF MEDICINE



SOHA BAZYAR



MATTHEW FERRIS



**JASON
MOLITORIS**



PHUOC TRAN



AMIT SAWANT



LEI REN

Soha Bazyar, MD, PhD; Matthew Ferris, MD; Jason Molitoris, MD, PhD; Phuoc Tran, MD, PhD; Amit Sawant, PhD; and Lei Ren, PhD, all in the Department of Radiation Oncology, were among the co-authors of “Identification of CT Based Radiomic Biomarkers for Progression Free Survival in Head and Neck Squamous Cell Carcinoma,” which was published Jan. 8 in *Scientific Reports*.



**PAUL E.
BIGELEISEN**

Paul E. Bigeleisen, MD, professor, is the lead inventor of “Thermo-Responsive Ultrasound Coupling Gel, and Methods and Uses Thereof,” which was issued a U.S. patent Jan. 14.

David Dreizin, MD, associate professor, Department of Diagnostic Radiology and Nuclear Medicine, was the first

author of “Artificial Intelligence in Emergency and Trauma Radiology: ASER AI/ML Expert Panel Delphi Consensus Statement on Research Guidelines, Practices, and Priorities,” which was published online ahead of print Dec. 23 in *Emergency Radiology*.



DAVID DREIZIN



DHEERAJ GANDHI

Dheeraj Gandhi, MBBS, professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Endovascular Arterial Embolization versus Conservative Management with Nasal Packing Alone for Severe Epistaxis: A Nationwide Cohort Study,” which was published

online ahead of print Dec. 23 in the *Journal of Neurointerventional Surgery*.



MARK GLADWIN



ALLAN DOCTOR

Mark Gladwin, MD, dean and John Z. and Akiko K. Bowers Distinguished Professor, and **Allan Doctor, MD**, professor and director, Center for Blood Oxygen Transport and Hemostasis, were quoted in “The Long Quest for Artificial Blood,” which was published in *The New Yorker’s* Feb. 3 issue.



CHARLES C. HONG

Charles C. Hong, MD, PhD, adjunct professor, is the lead inventor of “Small Molecule Inhibitors of GPCR GPR68 and Related Receptors for Treating Cancer, Glioblastoma, and Other Indications,”

which was issued a U.S. patent Jan. 14.



HYUN KIM

Hyun Kim, MD, MHS, professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Epidemiology, Treatment and Outcomes of

Gastroenteropancreatic Neuroendocrine Neoplasms,” which was published in *Scientific Reports* on Dec. 17.



AIKATERINI KONTROGIANNI-KONSTANTOPOULOS

Aikaterini Kontrogianni-Konstantopoulos, PhD, professor, is the lead inventor of “Microfluidic Chip for Analysis of Cell Motility and Methods for

Using Same,” which was issued a U.S. continuation patent Jan. 21.



MARK MISHRA

Mark Mishra, MD, professor, Department of Radiation Oncology, was among the co-authors of “Consensus Radiation Treatment Planning Guidelines Using (68) Ga-DOTATATE PET/

CT for Resected Meningiomas,” which was published online ahead of print Dec. 19 in the *International Journal of Radiation Oncology, Biology, Physics*.

Jason Molitoris, MD, PhD, associate professor, Department of Radiation Oncology, was among the co-authors of “Proton Beam Therapy for Pancreatic Tumors: A Consensus Statement from the Particle Therapy Cooperative Group Gastrointestinal Subcommittee,” which was published online ahead of print Jan. 4 in the *International Journal of Radiation Oncology, Biology, Physics*.



GARY FISKUM



SU XU

Julie Proctor; Boris Piskoun; Catriona Miller, PhD; Gary Fiskum, PhD; Su Xu, PhD; and Steven Roys, MS, were among the co-authors of “Aeromedical Evacuation-Relevant Hypobaric Following Traumatic Brain Injury in Rats Contributes to Cerebral Blood Flow Depression, Altered Neurochemistry, and Increased Neuroinflammation,” which was published online ahead of print Dec. 18 in the *Journal of Cerebral Blood Flow and Metabolism*.

Gurbani Singh; Akshar Patel, MD; Elizabeth Nichols, MD; Sarah McAvoy, MD; and Melissa Vyfhuis, MD, PhD, all in the Department of Radiation Oncology, were among the



AKSHAR PATEL



ELIZABETH NICHOLS



SARAH MCAVOY



MELISSA VYFHUIS

co-authors of “Cancer Outcomes and Cardiopulmonary Toxicities for Black Patients with Breast Cancer Treated with Proton Therapy,” which was published online ahead of print Dec. 28 in *JNCI Cancer Spectrum*.



SUI-SENG TEE

Xiangdong Wu, PhD; Salabeldeen Elsaid, PhD; Winson Li; and Sui-Seng Tee, PhD, all in the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Establishing

Immortalized Brown and White Preadipocyte Cell Lines from Young and Aged Mice,” which was published in December in *Current Protocols*.

SCHOOL OF NURSING



RICHARD P. CONLEY

Richard P. Conley Jr., DNP '20, assistant professor and assistant director, Doctor of Nursing Practice Nurse Anesthesia specialty, was appointed chair of the National Board of Certification and Recertification for Nurse Anesthetists' Continued Professional Certification/Maintaining Anesthesia Certification Item Writing Committee.

Yvette Conyers, DNP, RN, FADLN, assistant professor and associate dean for equity, diversity, and inclusion, was chosen to assist with developing the new American Association of Colleges of Nursing's Holistic Ecosystem of Excellence in Nursing Education Faculty Toolkit.



SARA ROBINSON

Sara Robinson, DNP, RN, assistant professor, wrote "It's Time to Reconcile with Medication Reconciliation" and was featured in "Public Policy in Psychiatry Over 40 Years,"

which were published on the Psychiatric Times website on Jan. 22 and Feb. 3, respectively.



REBECCA WESTON

Rebecca Weston, EdD, MSN, RN, assistant professor, and **Peris Bennit**, Special Olympics health messenger and UMB standardized patient, co-wrote "Inclusive Healthcare Education: We All

Learn When Working with Standardized Patients with Disabilities," which was published on the "Helen: The Journal of Huma Exceptionality" website Feb. 3.

SCHOOL OF PHARMACY



NICOLE BRANDT

Nicole Brandt, PharmD, MBA, professor, Department of Practice, Sciences, and Health Outcomes Research, and executive director, Peter Lamy Center on Drug Therapy and Aging, received

an eight-month, \$6,652 grant from the Northern California Institute for Research and Education for "The U.S. Deprescribing Research Network."

Shruti Dharmeraj, student, Pharmaceutical Sciences Graduate Program, received a one-year, \$30,000 grant from the PhRMA Foundation for "Metabolite-Based Nanoparticles to Treat Allergic Airway Inflammation."



BETHANY DIPAULA

Bethany DiPaula, PharmD, professor, Department of Practice, Sciences, and Health Outcomes Research, and co-director, Mental Health Program, was named a fellow of the American Association of Psychiatric Pharmacists.

Alison Dunn, PharmD, MS, research assistant professor, Department of Practice, Sciences, and Health Outcomes Research, received a three-month, \$550,000 contract from NewAmsterdam Pharma for "Phase 3 PKPD and ER Analysis of Obicetrapib (Project 4)."



MEGAN EHRET

Megan Ehret, PharmD, MS, professor, Department of Practice, Sciences, and Health Outcomes Research, and co-director, Mental Health Program, was named a fellow of the American

Association of Psychiatric Pharmacists.



THOMAS "JOE" HOWARTH

Thomas "Joe" Howarth, PhD, MS, lead training specialist, PATIENTS Program, who developed and launched the PATIENTS Professors Academy, was named UMB's

January Employee of the Month for being a catalyst for community engagement and innovation.



MAUREEN KANE

Maureen Kane, PhD, professor, Department of Pharmaceutical Sciences, and director, Mass Spectrometry Center, was co-recipient of a one-year, \$49,632 award from UMB's Institute for Clinical and Translational Research.



RAYMOND LOVE

Raymond Love, PharmD, FASHP, Professor Emeritus, Department of Practice, Sciences, and Health Outcomes Research, was named a fellow of the American Association of Psychiatric Pharmacists.



JANA SHEN

Jana Shen, PhD, professor, Department of Pharmaceutical Sciences, and co-director, Computer-Aided Drug Design Center, was named editor-in-chief of the

Journal of Computational Chemistry.

Audra Stinchcomb, PhD, professor, Department of Pharmaceutical Sciences, received a one-year, \$33,000 contract from QuikReversal for "Research Services Agreement with QuikReversal."



ZAFAR ZAFARI

Zafar Zafari, PhD, MSc, associate professor, Department of Practice, Sciences, and Health Outcomes Research, received a two-year, \$30,000 award from UMB's Institute for Clinical and Translational

Research for "Developing Causal Machine Learning Models for the Overall and Heterogenous Effects of Environmental Noise on Alzheimer's Disease and Related Dementia."

SCHOOL OF SOCIAL WORK



RICHARD BARTH

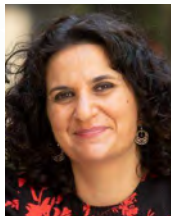
Richard Barth, PhD, MSW, professor, was among the co-authors of “The Stark Implications of Abolishing Child Welfare: An Alternative Path Towards Support and Safety,” which was published in *Child & Family Social Work* on Jan. 21.



SARAH CLEM

Sarah Clem, MSW, PhD student, was selected to receive the Dr. Hannelore Wass Cross-Cultural Student Paper Award at the Association for Death Education and Counseling Conference in April.

Sarah Dababnah, PhD, MPH, MSW, associate professor, co-presented the webinar “Implementation of Early Intervention for Autism in Immigrant Communities,” which was hosted by Autism Speaks.



SARAH DABABNAH



SAMANTHA FULD

Samantha Fuld, DSW, MSW, LCSW-C, clinical assistant professor, and **Corey Shdaimah, PhD, LLM**, the Daniel Thursz Distinguished Professor of Social Justice, co-authored “In Defense of Social Work’s ADEI Mandate: Perspectives on How We Can Move Forward and Combat Antisemitism Together,” which was published in the *Journal of Human Behavior in the Social Environment*.

Gulayat Hajiyeva, MSW student, was selected to be a member of the International Parents and Community Leadership Academy of Anne Arundel County Public Schools.



GULAYAT HAJIYEVA

Laura L. Loessner, MSW, LICSW, LCSW-C, acting director of field education, was among the co-editors of “Social Work Field Instruction in Modern Practice: A Handbook,” which was published by NASW Press.



MEGAN MEYER

Megan Meyer, PhD, MSW, associate professor, was interviewed on WYPR Radio’s “On the Record” program discussing the Psychedelic Therapies Series, which educated health care professionals about psychedelic medicines and psychedelic-assisted therapy for mental health treatment.

Theda Rose, PhD, was among the co-authors of “Adolescent Social Media Use and Mental Health in the Environmental Influence of Child Health Outcomes Study,” which was published in the *Journal of Adolescent Health*.



THEDA ROSE

Corey Shdaimah, PhD, LLM, the Daniel Thursz Distinguished Professor of Social Justice, was among the co-authors of “Maybe It’s Not Always to Great Effect, But There’s Some Serious Hustle: Community Organizing in Response to Environmental Harms in Baltimore,” which was published in the *Journal of Human Rights in Social Work* on Jan. 11.

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