



SOMnews

Point of PRIDE



Abraham H. Finkelstein, MD, '27 was renowned throughout his career for his leadership as a practitioner and teacher of pediatrics. In addition to his dedicated and exemplary service to the UMSOM as the Director of the Outpatient Pediatric Clinic beginning in 1933, Dr. Finkelstein was a pioneer in the study and care of children with pulmonary tuberculosis. In 1970, the Medical Alumni Association awarded him its Honor Award and Gold Key.

DEAN'S MESSAGE

The past year has asked a lot from us. We have had to trade in our quality time with family and friends for time at home, alone. We answered the call to wear masks and avoid large gatherings, while trying to keep in check the sometimes-blurry line between social distancing and social isolation. We have battled both the physical war against COVID-19 and the mental war against anxiety, and loneliness. At times it seems like the end of the pandemic is near, and at other times it appears to still be far off. Sometimes it feels as though it will never end.

In many ways, some of us can truly picture ourselves in the midst of a war zone. Some celebrate their victories in the form of negative COVID-19 tests and COVID-19 recoveries. Others mourn the losses from the battles that overcame them. We have employed many weapons against this virus, from testing and quarantining to hand washing and vaccinating. It is frightening to consider where we might be without these public health measures. This pandemic is exhausting, as it has followed the true nature of combat with sudden twists and turns, disappointing setbacks, and hopeful advances — one after the other. Even so, *"Smooth seas do not make skillful sailors,"* as the African proverb goes. All the challenges we have confronted have worked to shape us into more refined and resilient individuals, which in turn creates a stronger and more successful academic medical institution.

As our economy and our country continue to make strides toward reopening, the number of positive COVID-19 cases and deaths in Maryland are trending in the wrong direction. We now know from the sequencing efforts in our COVID-19 testing laboratory, at our Institute for Genome Sciences, that almost half of the positive COVID-19 cases are found to contain the variants. This represents a significant variant surge, but as this virus has developed, so have our protections and our responses. With testing becoming more specific, we are becoming armed with more knowledge and data that we will use to continue our fight, and to ultimately win.

What's on My Mind...



...is the resilience our academic medical community has demonstrated over the past year.

Our vaccination numbers are trending in the right direction, with over 70 percent of faculty and 67 percent of students at UMB now vaccinated. Chancellor Perman's mandate that **all eligible faculty, students, and staff who will be on campus this fall must be vaccinated against COVID-19** is another piece of our armor that will only help us progress toward a safer and healthier environment. Our clinical numbers are also trending in the right direction, demonstrating the hard work from our faculty, staff, students, and trainees to rebuild the trust with our patients and ensure that it is safe for them to once again visit our providers.

As we prepare to gradually return to campus, I want to encourage each of you take every precaution to make yourself safer and to help make those around you safer. Part of that includes remaining vigilant while on campus and following the public safety guidelines posted on the SOM website. Review the University of Maryland, Baltimore Police Department's new monthly newsletter and pay attention to the messages and warnings they issue. Finally, if you have not yet been vaccinated, I encourage you to take the initiative to learn more about it and register today. In the relentless pursuit of excellence, every day.

In the relentless pursuit of excellence, I am
Sincerely Yours,

E. Albert Reece, MD, PhD, MBA
Executive Vice President for Medical Affairs, UM Baltimore
John Z. and Akiko K. Bowers Distinguished Professor and
Dean, University of Maryland School of Medicine



SOMnews is your source for all news and information regarding the University of Maryland School of Medicine, including Clinical Care, Research, Education, Community Outreach, and its Culture Transformation Initiative.

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Preeminent Health Leader to Deliver Keynote at 2021 UMSOM Virtual Commencement

Victor J. Dzau, MD, President of the US National Academy of Medicine (NAM), and Vice Chair of the US National Research Council, will deliver the keynote address at the School of Medicine's 2021 Virtual Commencement on Thursday, May 20, at 1:00 pm. The entire graduation ceremony will be livestreamed on [YouTube](#).

Dr. Dzau is also Chancellor Emeritus and Distinguished James B Duke Professor of Medicine at Duke University. Previously, he was Chairmen of Medicine at Harvard, as well as Stanford Universities. He is highly regarded as a trailblazer in translational research, health innovation, and global health.



Victor J. Dzau, MD

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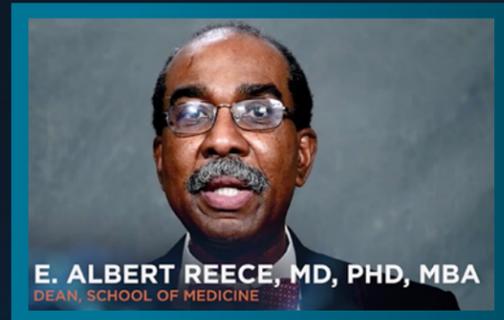
UNIVERSITY of MARYLAND
SCHOOL OF MEDICINE

GALA

STRENGTH RESILIENCE PARTNERSHIP

Celebrating Triumphs Over Adversity: UMSOM 2021 Virtual Gala

Marking a previous year unlike any other, the entire University of Maryland School of Medicine community — faculty, staff, students, alumni, friends, and benefactors — gathered as one online on Saturday, May 1, for a virtual hour-long celebration of the 2021 School of Medicine Gala, which coincides annually with the Medical Alumni Association Reunion Weekend.



E. ALBERT REECE, MD, PHD, MBA
DEAN, SCHOOL OF MEDICINE



BRUCE JARRELL, MD, FACS
PRESIDENT, UNIVERSITY OF MARYLAND BALTIMORE



MOHAN SUNTHA, MD
PRESIDENT & CEO
UNIVERSITY OF MARYLAND MEDICAL SYSTEM



CYNTHIA EGAN, CHAIR
BOARD OF VISITORS, SCHOOL OF MEDICINE



Co-Chairs Patricia J. Mitchell and Calvin G. Butler Jr.



LARRY PITROF
EXECUTIVE DIRECTOR, MEDICAL ALUMNI ASSOCIATION



Given the extreme challenges posed by the COVID-19 pandemic, this year's Gala theme — "Strength, Resilience, and Partnership" — resonated strongly throughout the evening.

"The strength and resilience demonstrated by the University of Maryland School of Medicine over the past year are a direct result of the partnerships we share within our own UMSOM community, along with the UM Medical Center, UM Medical System, and indeed, with the entire University of Maryland, Baltimore campus and University System," said **E. Albert Reece, MD, PhD, MBA**, Executive Vice President for Medical Affairs, UM Baltimore, the John Z. and Akiko K. Bowers Distinguished Professor, and Dean, University of Maryland School of Medicine. ***"Our strength comes from this support, and strength builds resilience. The result of our resilience is what you see tonight — an undivided academic medical community stronger than ever, and more prepared than ever, for whatever comes next."***

Introducing the evening's program were Gala co-chairs and UMSOM Board of Visitors members **Patricia J. Mitchell**, President of the Board of the Center Club, and **Calvin G. Butler Jr.**, Senior Executive Vice President of Exelon, and Chief Executive Officer of Exelon Utilities. ***"What a year it has been for the University of Maryland School of Medicine!"*** Ms. Mitchell noted. ***"Our faculty made national headlines with their research and clinical trials and provided care for thousands of critically ill patients."***

Mr. Butler agreed. ***"As members of the School of Medicine Board of Visitors, we have had the opportunity to meet many of the faculty, staff, and students who exemplify the principles we celebrate this evening,"*** he said. ***"We are grateful and deeply appreciate everyone's commitment and support of the School of Medicine, especially during this unprecedented time."***

Mr. Butler then acknowledged the 2021 Gala's lead sponsors — Presenting Sponsor: The Whiting-Turner Contracting Company; Platinum Sponsor: The University of Maryland Medical System; and Silver Sponsors: BGE, Ms. Cynthia Egan, ExpressCare, Kelly Benefit Strategies, and Mercy Health Services.

The evening's other speakers included Chair of the School of Medicine's Board of Visitors, **Ms. Cynthia Egan**. ***"I salute the School's resiliency and commitment to excellence in education, implementing innovative and meaningful remote learning, and skillfully engaging our medical students to excel in their chosen health care path, despite the obstacles of the current pandemic,"*** she said. ***"With heartfelt appreciation, we say thank you to the supporters, contributors, sponsors, allies, and friends who have tuned in tonight. Your generosity and support make all this possible."***

Bruce E. Jarrell, MD, FACS, President of the University of Maryland, Baltimore (UMB), also spoke to the power of partnership. ***"We have strong teams working together at this***

university, which has allowed us to be resilient and flexible," he said. ***"I thank all of you at this Gala for helping us remain true to our mission to improve the human condition and serve the public good."***

Mohan Suntha, MD, MBA, President and CEO of the University of Maryland Medical System, shared his "profound debt of gratitude" to the UMSOM community. ***"Together, our partnership has demonstrated how we are indeed committed to the highest ideals of discovery-based medicine, and how collectively, our communities have leaned into the challenges associated with COVID-19,"*** he said.

In welcoming back UMSOM alumni in attendance, including the Classes of 1970 and 1971 celebrating their 50th graduation anniversaries, **Larry Pitrof**, Executive Director of the University of Maryland School of Medicine Alumni Association, also lauded the graduating Class of 2021. ***"This class has been defined by the pandemic,"*** he said. ***"We wish you the best successes."***

A virtual musical performance ended the evening's program on a high note, featuring **Thomas J. Hornyak, MD, PhD**, the Dr. Joseph Warren Burnett Professor and Chair in Dermatology, performing Ludwig van Beethoven's Sonata #8 in C-minor, Opus 13, 2nd movement on piano at the Meyerhoff Symphony Hall. His piece was accompanied by an original poem entitled "Into Open Air," read by its author **Lily Jarman-Reisch, MSW, MA**, Director of Development for the Department of Epidemiology and Public Health. The performance was coupled with a compelling montage of photographs from UMSOM staff and faculty.

Funds raised by the 2021 Gala will support the UMSOM diversity initiatives of the **Program in Health Equities and Population Health** to foster an atmosphere of equity and inclusion through seed funding for health equity research, advocacy, student support, and a variety of educational and professional development programs. Event proceeds will also be directed to the **UMSOM Innovation Fund**, which invests in promising Maryland-based start-up companies to commercialize medical inventions and intellectual property created by UMSOM faculty, staff, students, and graduates.

For more information on how faculty, staff, and friends of the UMSOM can make a gift to support diversity and innovation initiatives, please contact Mary Pooton, Assistant Dean for Development at 410-706-3901 or at MPooton@som.umaryland.edu

[Watch a YouTube video of the 2021 Gala.](#)

CLINICAL TRIAL SHOWS PROMISE

UMSOM Study Shows that Psychedelic Experience May Not Be Required for Psilocybin's Antidepressant-like Benefits



Scott Thompson, MD

UMSOM researchers have shown that psilocybin — the active chemical in “magic mushrooms” — still works its antidepressant-like actions, at least in mice, even when the psychedelic experience is blocked. The new findings, published this week in PNAS, suggest that psychedelic drugs work in multiple ways in the brain, and it may be possible to deliver the fast-acting antidepressant therapeutic benefit without requiring daylong guided-therapy sessions. A version of the drug without, or with less of, the psychedelic effects could loosen restrictions on who could receive the therapy and lower costs, making the benefits of psilocybin more available to more people in need.

In all clinical trials performed to date, the person treated with psilocybin remains under the care of a guide, who keeps the person calm and reassures them during their daylong experience. This can include hallucinations, altered perception of time and space, and intense emotional and spiritual encounters. Researchers in the field have long attributed psilocybin's effectiveness to the intense psychedelic experience.

“We do not understand the mechanisms that underlie the antidepressant actions of psilocybin and the role that the profound psychedelic experience during these sessions plays in the therapeutic benefits,” says Scott Thompson, PhD, Professor and Chair, Department of Physiology at UMSOM and senior author of the study. ***“The psychedelic experience is incredibly powerful and can be life-changing, but that could be too much for some people or not appropriate.”***

Several barriers prevent the widespread use of psychedelic compounds. For example, there is fear that the psychedelic experience may promote psychosis in people who are predisposed to severe mental disorders, like bipolar disorder and schizophrenia, so the clinical therapy sessions performed to date have been limited to a highly selected screened group without a family history of these disorders.

Dr. Thompson adds that there may also be an equity issue, because not everyone can take several days off work to prepare and engage in the experience. The costs of staffing a facility with at least one trained guide per treated person per day and a private space may also be prohibitive to all but a few. He says it is conceivable that a depression treatment derived from psilocybin could be developed without the psychedelic effects, so people can

take it safely at home without requiring a full day in a care facility.

For their study, led by UMSOM MD/PhD student **Natalie Hesselgrave**, the team used a mouse model of depression in which mice were stressed for several hours a day over 2-3 weeks. Because researchers cannot measure mouse moods, they measure their ability to work for rewards, such as choosing to drink sugar water over plain water. People suffering from depression lose the feeling of pleasure for rewarding events. Similarly, stressed mice no longer preferred sugar water over plain

water. However, 24 hours after a dose of psilocybin, the stressed mice regained their preference for the sugar water, demonstrating that the drug restored the mice's pleasure response.

Psilocybin exerts its effects in people by binding to and turning on receptors for the chemical messenger serotonin. One of these receptors, the serotonin 2A receptor, is known to be responsible for the psychedelic response. To see if the psychedelic effects of psilocybin were needed for the anti-depressive benefits, the researchers treated the stressed mice with psilocybin together with a drug, ketanserin, which binds to the serotonin 2A receptor and keeps it from being turned on. The researchers found that the stressed mice regained their preference for the sugar water in response to psilocybin, even without the activation of the psychedelic receptor.

“These findings show that activation of the receptor causing the psychedelic effect isn't absolutely required for the antidepressant benefits, at least in mice,” says Dr. Thompson, ***“but the same experiment needs to be performed in depressed human subjects.”*** He says his team plans to investigate which of the 13 other serotonin receptors are the ones responsible for the antidepressant actions.

“This new study has interesting implications and shows that more basic research is needed in animals to reveal the mechanisms for how these drugs work, so that treatments for these devastating disorders can be developed,” says UMSOM Dean **E. Albert Reece, MD, PhD, MBA**.

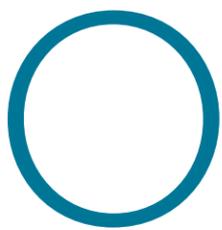
This work was funded by the National Institute of Mental Health (R01 MH086828) and the National Institute of General Medical Sciences (T32 GM092237). Although not approved yet, Dr. Thompson and the University of Maryland, Baltimore have filed a patent on using psilocybin with drugs that block serotonin 2A receptors to treat depression. 

KidCOVE

COMMENCES



UMSOM Begins Pediatric Trial of Moderna COVID-19 Vaccine



On April 27, UMSOM researchers began enrolling children ages 6 months to 11 years old in a clinical trial of the Moderna mRNA-1273 COVID-19 vaccine, which has already received Food and Drug Administration (FDA) Emergency Use Authorization (EUA) to prevent COVID-19 in people ages 18 years and older. The Moderna COVID-19 Vaccine is an mRNA vaccine against COVID-19, co-developed by Moderna and the NIAID Vaccine Research Center.

The study, called **KidCOVE**, will assess the safety and immunogenicity of mRNA-1273 in a pediatric population. The trial is being conducted in partnership with the National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health, and the Biomedical Advanced Research and Development Authority, part of the Office of the Assistant Secretary for Preparedness and Response at the U.S. Department of Health and Human Services.

UMSOM is one of multiple sites in the U.S. and Canada that will enroll approximately 6,750 children in two phases. Participants will receive two doses 28 days apart. The UMSOM site is expected to enroll 120 children.

The vaccine trial is being conducted by researchers in **UMSOM's Center for Vaccine Development and Global Health (CVD)** as part of their NIAID-funded Vaccine and Treatment Evaluation Unit (VTEU) work. It adds to the extensive COVID-19 vaccine research that has been underway on campus since spring 2020.

James Campbell, MD, MS, Professor of Pediatrics, is the principal investigator at the UMSOM site, which will enroll participants in Baltimore and Frederick, Maryland.

Karen Kotloff, MD, Professor of Pediatrics, Associate Director for Clinical Research in CVD, and principal investigator of the VTEU;

Andrea Berry, MD, Assistant Professor of Pediatrics; **Elizabeth Hammershaimb, MD**, Postdoctoral Fellow, and other CVD experts also serve as investigators in this study.



James Campbell, MD

“Children are not small adults. Medical research is very much needed to understand how best to keep them safe from a global pandemic that has killed so many,” Dr. Campbell said.

“We hope KidCOVE will provide much awaited information to accomplish just that.”

Healthy boys and girls and children with stable chronic medical conditions will be considered for inclusion in KidCOVE. Study participation includes phone calls, telemedicine visits, and up to seven in-person visits to the study site.

“The KidCOVE study builds on the strong foundation of the CVD team through our ground-breaking work on the adult clinical trials of COVID-19 vaccines,” Kotloff said.

“Collectively, we are at the forefront of the fight against the COVID-19 pandemic. The inclusion of children in these studies is long overdue, and we are pleased to be part of these efforts.”

UMSOM's participation in KidCOVE marks its first testing of a pediatric vaccine for COVID-19. CVD's careful, meticulous work on the Pfizer, Moderna, and Novavax COVID-19 vaccine clinical studies, and its many decades of work with pediatric vaccines, led to this milestone.

“Our Center for Vaccine Development and Global Health continues to lead the way in conducting COVID-19 trials,” said UMSOM Dean **E. Albert Reece, MD, PhD, MBA**. *“This trial is critical in helping to protect children, who remain vulnerable until we develop and test safe, effective vaccines.”*

The UMSOM VTEU is funded by federal contract no. 75A50120C00034. BARDA is reimbursing Moderna for 100 percent of the allowable costs incurred by the Company for conducting the program described in the contract. The U.S. government has agreed to purchase supply of mRNA-1273 under U.S. Department of Defense contract no. W911QY-20-C-0100. 



Karen Kotloff, MD



Leading UMSOM Faculty Named Among State's Top 100 Women

The Maryland Daily Record has named three leading faculty members at the University of Maryland School of Medicine to its 2021 listing of **Maryland's Top 100 Women**. The three — **Tracy L. Bale, PhD**, Professor of Pharmacology; **Kimberly Lumpkins, MD, MBA**, Associate Professor of Surgery; and **Jill RachBeisel, MD**, the Dr. Irving J. Taylor Professor and Chair of Psychiatry — were chosen for their “outstanding achievements demonstrated through professional accomplishments, community leadership and mentoring,” according to the publication.

“This important honor, so deservedly given to Drs. Bale, Lumpkins, and RachBeisel for their outstanding professionalism at both work and in the community, does in fact extend to the entire School of Medicine for its continuing commitment to the highest standards of equity and inclusion,” said E. Albert Reece, MD, PhD, MBA, Executive Vice President for Medical Affairs, UM Baltimore, and the John Z. and Akiko K. Bowers Distinguished Professor, and Dean, University of Maryland School of Medicine. *“I could not be prouder of these distinguished faculty members for receiving this recognition.”*

More than 1,500 women have been presented with Maryland's Top 100 Women honors since its founding in 1996. Nominees are asked to complete an application outlining their educational and career history, professional and community involvement, corporate and nonprofit board memberships, and mentoring experience. They were encouraged to submit letters of recommendation from those who are familiar with their accomplishments professionally, in the community and through mentoring. A panel of business professionals, previous Maryland's Top 100 Women honorees from throughout the state, and a representative of *The Daily Record* review the final applications and selected the final honorees.

“This year's Maryland's Top 100 Women are navigating Maryland businesses through extraordinary times. They are defining the new normal while also leading their teams from survival to success,” said Suzanne Fischer-Huettner, group publisher of *The Daily Record*. *“In addition, this year's honorees are actively involved in their communities while also mentoring the next generation of leaders. We at The Daily Record are pleased to honor them.”*

An internationally recognized neuroscientist, Dr. Bale is respected for her research on stress as a risk factor for neurodevelopmental disorders and neuropsychiatric disease, centering on the role of parental, prenatal, and early life stress on the developing brain and subsequent behavior throughout life. Currently, she is the Director of the Center for Epigenetic Research in Child Health & Brain Development (CERCH) at the UMSOM, as well as President of the International Brain Research Organization (BRO). She has authored or co-authored more than 100 peer-reviewed papers. Among her many awards, she was the recent recipient of the Daniel H. Efron Research Award from the American College of Neuropsychopharmacology.

“I am honored to be named one of 100 Top Women in Maryland, from amongst the thousands who are dedicated to improving their community and toward advocacy for the most vulnerable,” said Dr. Bale.



Tracy L. Bale, PhD

“As Director of CERCH, I am thankful for the opportunity to engage in Baltimore communities to support our children and families in the mission of understanding the importance of healthy brain development.”

Dr. Lumpkins is the Director of Medical Student Engagement & Preclinical Curriculum in UMSOM's Department of Surgery. She was awarded the British Association of Paediatric Surgeons Gold Medal and has been a Baltimore Magazine Top Doctor. In addition to her clinical practice in Baltimore, Bel Air, Lutherville, and Columbia, she is the president of Women in Medicine and Science, the first faculty organization supporting women at the University of Maryland School of Medicine. Dr. Lumpkins also serves on PCW and is the Chair of the school's Gender Equity & Access subcommittee.

“It's a great honor to be included with such impressive women from across Maryland,” said Dr. Lumpkins. *“Every year, women are reaching new milestones in the arenas of clinical, research, and educational excellence, changing the fabric of the medical culture around them. I am proud to represent their incredible courage and fortitude through this award.”*

As the Dr. Irving J. Taylor Professor, Dr. RachBeisel is the first woman to chair the UMSOM Department of Psychiatry. A prominent leader at UMSOM, she has garnered tremendous support among faculty and staff for her efforts to forge partnerships among various entities to strengthen mental health services provided to patients and the community at large. Immediately after assuming the interim chair position, Dr. RachBeisel established the Department of Psychiatry's Diversity, Equity, and Inclusion (DEI) Committee, which is focused on developing a training curriculum and diversifying the hiring of faculty and staff.

“I feel so honored and privileged to be recognized as one of Maryland's top Women leaders,” said Dr. RachBeisel. *“Surrounded by so many talented, bright, and hardworking people at the University of Maryland School of Medicine, I have learned success by building teams who work smart and benefit each other and those around them. By being 100% focused on our community wellness, patients and their family's health care, student education, and curious, talented faculty, I have been able to strive for the best and keep reaching for more.”*

Maryland's Top 100 Women awards will be presented on May 13 at an online celebration from 5:30 to 7 p.m. at <https://thedailyrecord.com/top-100-women/>. Each of the winners will be celebrated for their achievements through video storytelling.

Guests will have the opportunity to participate in the program with their congratulations and cheers using social media platforms from their homes or offices. All winners also will be profiled in a special magazine that will be inserted into the May 14 issue of *The Daily Record* and will be available online at TheDailyRecord.com.



Kimberly Lumpkins, MD, MBA



Jill RachBeisel, MD

LEADERSHIP through PARTNERSHIP

A Chance Encounter Delivers Fresh Opportunities Through New WIMS Scholarships

Back in November 2019, **Kimberly M. Lumpkins, MD, MBA**, Associate Professor of Surgery, and president of UMSOM's then newly-minted organization, **Women in Medicine and Science (UMSOM-WIMS)** was quoted as saying, *"People sometimes assume that you can just become a leader, but leadership requires training and education, just like learning to become a surgeon. I'm hopeful that WIMS will provide the framework for presenting leadership opportunities to women faculty here at UMSOM."*

It proved to be a prophetic remark. Fast forward to March 2020., literally days before the pandemic shutdown, and Dr. Lumpkins was delivering a talk before the Maryland chapter of the American College of Surgeons on organizational change and gender equity. On the speakers' roster also that day was **Christopher G. Myers, PhD**, Assistant Professor and Academic Director of Executive Education at the Johns Hopkins University's Carey Business School. Following the session, the two chatted and then, out of the blue, Dr.



Kimberly Lumpkins, MD, MBA

Myers made an astonishingly generous offer.

"Chris and I had never met before," recalls Dr. Lumpkins, "but he told me right away how impressed he was with our efforts with WIMS. **He then explained that as the Faculty Co-Director of the Academy for Health Care Leadership and Management at the Carey Business School, he wanted to offer us two full scholarships to the Academy for WIMS candidates that we selected. I immediately agreed!**"

As a result of this chance encounter, two UMSOM faculty members — **Anique K. Forrester, MD**, Assistant Professor of Psychiatry, and **Moran 'Roni' Levin, MD**, Assistant Professor of Ophthalmology and Visual Sciences — are attending the Academy in May 2021 as the first **UMSOM WIMS Scholars**.

The Academy's annual five-week immersive program (taught virtually this spring due to COVID restrictions) employs an evidence-based approach to learning essential governing skills in how to lead effectively and reliably in a health care environment. Academy participants develop a strong network with their cohort of physicians, administrators, and allied health professionals. In addition to the academic modules, students have three one-to-one meetings with a leadership coach to develop their own leadership action plan based on a robust, 360-degree self-assessment. The program is eligible for approximately 30 hours of CME/CNE/CPE/CE credit.



Christopher G. Myers, PhD

In selecting the first candidates for the WIMS Scholars Program, a rigorous screening process was put into place, with a baseline understanding that the ideal candidate should be an UMSOM early or mid-career faculty member who recently had been appointed to a leadership role or was anticipating such a role soon, and who had had little or no prior formal leadership training.

"We received 29 applications, which was amazing!" notes Dr. Lumpkins. The WIMS executive committee then selected a shortlist of eight, which was then reviewed by an outside selection panel (**James B. Kaper, PhD**, the James and Carolyn Frenkil Distinguished Dean's Professor, Vice Dean for Academic Affairs, and Chair, Department of Microbiology & Immunology; **Donna L. Parker, MD, FACP**, Associate Professor of Medicine and Senior Associate Dean for Undergraduate Medical Education; and **Kathleen M. Neuzil, MD,**

MPH, FIDSA, the Myron M. Levine, MD, DTPH Professor in Vaccinology and Director, Center for Vaccine Development and Global Health) who selected the two finalists. It is anticipated that the WIMS Scholars Program will continue on an annual basis.



WIMS at Work

Despite pandemic restrictions, WIMS was able to make significant strides in new programming and initiatives over the past year.

- WIMS successfully advocated for a new lactation space in UMSOM's Allied Health Building.
- In recognition of Women's History Month in March 2021, the annual WIMS Speaker Series featured a three-session lineup of national experts addressing a variety of topics of interest to medical and scientific professionals, including "Negotiation for Professional Women" and "Developing a National Leadership Presence."
- The third annual WIMS virtual promotion celebration will honor UMSOM women professionals who have been promoted over the past year. The event is scheduled for October 21st, 2021.
- Through contacts fostered by the UMB Legislative Affairs office, WIMS members supported the passage of House Bill 781, which provides IVF coverage to state employees regardless of marital status. Historically, Maryland state law prevented unmarried women who were state employees from having IVF insurance coverage. House Bill 781 was passed May 8, 2020.

"In meeting Dr. Lumpkins, I quickly saw that WIMS' mission to advance women in their careers in medicine and science aligned closely with our values here at Hopkins," says Dr. Myers. *"With the support of our assistant dean for executive education, Pamela Williams, we were able to offer the two scholarship seats to support WIMS' focus on leadership development."*

Kathleen M. Sutcliffe, PhD, Bloomberg Distinguished Professor at the Carey Business School and Johns Hopkins School of Medicine, and Dr. Myers' colleague as the Academy's Faculty Co-Director, enthusiastically agrees. *"So much of the educational experience at the Academy happens from all of our participants learning from one another and sharing their experiences as well,"* she notes. *"So, we're excited to welcome the WIMS Scholars into the cohort. We know they'll add a lot to the experience for everyone."*

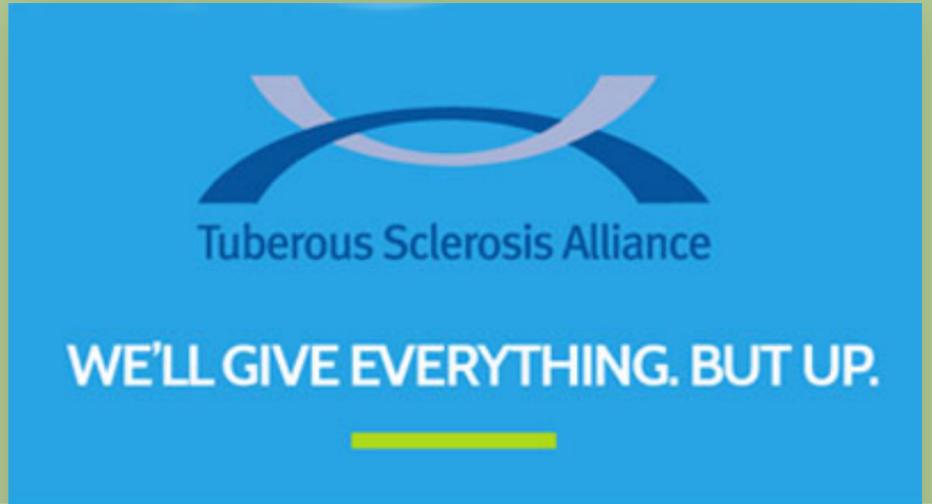


Kathleen M. Sutcliffe, PhD

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A MEETING OF THE MINDS

**University of Maryland Medicine
and the Tuberous Sclerosis
Alliance Mark One-Year
Anniversary of Center for Adults
with Neurodevelopmental
Disorders and TSC Center
of Maryland**



TSC Center of Maryland



Across Maryland, adults who have aged out of pediatric programs for neurodevelopment disorders such as autism have found a critical resource in the **University of Maryland Clinical Center for Adults with Neurodevelopmental Disabilities (UMCCAND)** and the **Tuberous Sclerosis Complex Center of Maryland (TSCCM)**. Launched one year ago, the two centers provide clinical evaluation, care, and treatment for a range of complex neuro-disabilities, including adult autism, epilepsy, tuberous sclerosis, and other neuro-disabilities.

As the only such centers in Maryland, they were made possible by a collaboration between the University of Maryland School of Medicine (UMSOM) and the **University of Maryland Medical Center (UMMC)** as **UM**



Peter Crino, MD, PhD

Medicine, along with the **Tuberous Sclerosis Alliance (TS Alliance)**. The centers' treatment staffs see patients from throughout Maryland and other states.

"Nationally, there are few centers like ours that provide centralized, comprehensive care for adults with autism, epilepsy, and intellectual disabilities. We are very proud of our staff and patients for essentially creating a model for other states to build similar programs," said **Peter Crino, MD, PhD**, Professor and Chair of the Department of Neurology at the UMSOM, who also serves the director of the centers.

According to data from the Centers for Disease Control and Prevention (CDC), one in 50 children in Maryland is diagnosed with autism at around eight years of age. As they grow older, many will face a challenging lack of clinical and support resources when they age out of pediatric programs. The two centers were created to fill that gap.

For Andrea Bertrand of Rockville, Maryland, the centers have been a vital resource for managing her 28-year-old son's autism and seizures. Her son, a classical musician and composer, quickly bonded with Crino over the pair's mutual affinity for the tuba.

"Dr. Crino is a gift to our family. He sees my son for who he really is. He talks with him and connects with him," Bertrand said.

Clinical services at the two centers include full-service care and diagnostic and surveillance testing, including genetic testing, electroencephalograms,

magnetic resonance imaging, and blood work. The centers also provide social work services such as connecting patients and families to home health aides, nursing, and other social support services.

"The TSC Center at UM Medicine is a model for how to provide comprehensive care for adults with tuberous sclerosis complex and other neurodevelopmental disabilities. We are deeply grateful for this collaboration and look forward to building on this initiative in other states to better serve the needs of each individual living with TSC," said **Kari Luther Rosbeck**, TS Alliance President and CEO.

"Neurological disabilities like autism impact a growing number of families in Maryland and the country," said UMSOM Dean **E. Albert Reece, MD, PhD, MBA**. *"Rather than wait for this to become an unmanageable crisis, Dr. Crino and his team are providing treatment services and advancing groundbreaking discoveries. As a result, more patients and their families are finally finding the appropriate care they have been in search of for years."*

"These centers, made possible by our partnership with the University of Maryland School of Medicine and the TS Alliance, exemplify our mission to bring knowledge and healing to even the most complex conditions," said **Bert W. O'Malley, Jr., MD**, President and Chief Executive Officer of UMMC. *"We are grateful to Dr. Crino and his team for making such first-of-its-kind treatment possible. They have not been deterred even by a global pandemic in their dedication to patients with neurological care needs."*

Patients and referring providers interested in scheduling an appointment with one of the centers can call 410-328-4323 or 410-328-6266.

About the TS Alliance

The Tuberous Sclerosis Alliance is an internationally recognized nonprofit organization, dedicated to finding a cure for tuberous sclerosis complex while improving the lives of those effected. Founded in 1974, it works to improve quality of life for individuals and families affected by TSC by stimulating and sponsoring research; creating programs, support services and resource information; and developing and implementing public and professional programs designed to heighten awareness of the disease. For more information, visit www.tsalliance.org



Honored & Grateful

Jill A. RachBeisel, MD

Invested as the Dr. Irving J. Taylor Professor and Chair, Department of Psychiatry

“Dr. Irving Taylor was a mover and a shaker, developing care for the neediest in the communities and for their families. As I have spent my career as a community psychiatrist serving those most in need and most disadvantaged, I am honored and grateful to follow in the footsteps of Dr. Taylor.”

With these stirring words before a virtual audience of family members, UMSOM faculty and staff, and distinguished invited guests, **Jill A. RachBeisel, MD** graciously acknowledged her investiture as the Dr. Irving J. Taylor Professor and Chair of the Department of Psychiatry at the University of Maryland School of Medicine.

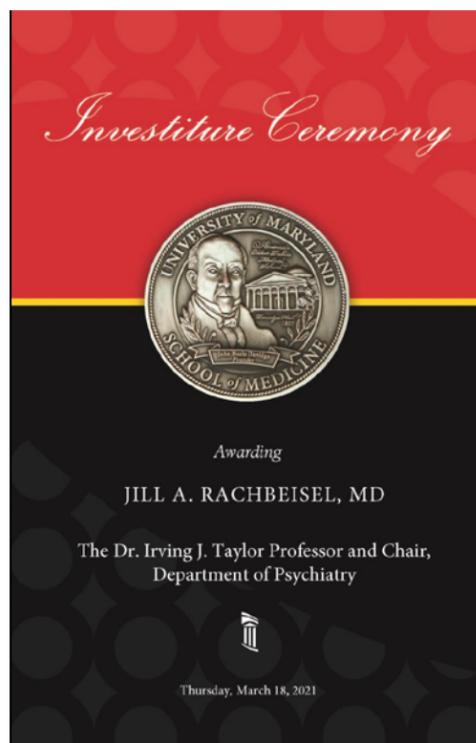
Dr. RachBeisel is the first woman to chair the UMSOM Department of Psychiatry. A prominent leader at UMSOM, she has garnered tremendous support among faculty and staff for her efforts to forge partnerships among various entities in an effort to strengthen mental health services provided to patients and the community at large. A well-established leader in mental health care in Maryland, Dr. RachBeisel was named one of Maryland’s Top Women for 2021 by the Baltimore Daily Record.

The online ceremony, streamed on March 18, 2021, was hosted by UMSOM’s **Anthony Lehman, MD, MSPH**, Senior Associate Dean for Clinical Affairs and Professor of Psychiatry, and featured a range of speakers from Dr. RachBeisel’s past and present on hand to congratulate her.

“Dr. RachBeisel is highly respected across our academic community and has demonstrated unwavering and effective leadership throughout the years. Her gift for building partnerships between researchers and clinicians to create innovative and highly successful initiatives is remarkable and highly desirable,” said UMSOM **Dean E. Albert Reece, MD, PhD, MBA**.

Speaking on behalf of the Taylor Foundation and his father, **Irving Taylor, MD ’43**, whose generous gift established the endowment for the Taylor chair, **Bruce T. Taylor, MD**, stated, ***“I have every confidence that Dr. RachBeisel will continue to lead the Department of Psychiatry with distinction.”***

After graduating from the UMSOM in 1943 and serving in World War II, the elder Dr. Taylor completed his psychiatric residency at Spring Grove State Hospital and Perry Point Veterans Hospital while concurrently studying at the Baltimore Washington Psychoanalytic Institute. In 1949, he became the Medical Director of the family-owned psychiatric hospital in Ellicott City, MD, later renamed Taylor Manor Hospital in 1954. Together with his wife, Edith, the couple would go on to make the hospital world renowned. Dr. Taylor became certified as a psychiatrist in 1951 by the American Board of Psychiatry and Neurology. In 1953, he was the first psychiatrist in the country to use Thorazine to treat inpatients with serious mental illnesses. He exhibited his groundbreaking work at the American Psychiatric and American Medical Associations, marking the beginning of modern psychiatric disease-specific pharmacologic treatments.



Investiture Ceremony Booklet Cover

As a board-certified general psychiatrist, Dr. RachBeisel focuses on adults with serious and persistent mental illness, substance use disorders and women’s mental health. She received her medical degree from the Penn State University College of Medicine in Hershey, PA and completed her adult residency program at the University of Maryland Medical Center in Baltimore, MD. During her training, she received multiple awards including the Burroughs Wellcome Fellowship and the Eugene B. Brody Award for Excellence in Psychotherapy. Following her training, Dr. RachBeisel began her career at the University of Maryland Department of Psychiatry, where she remains today.

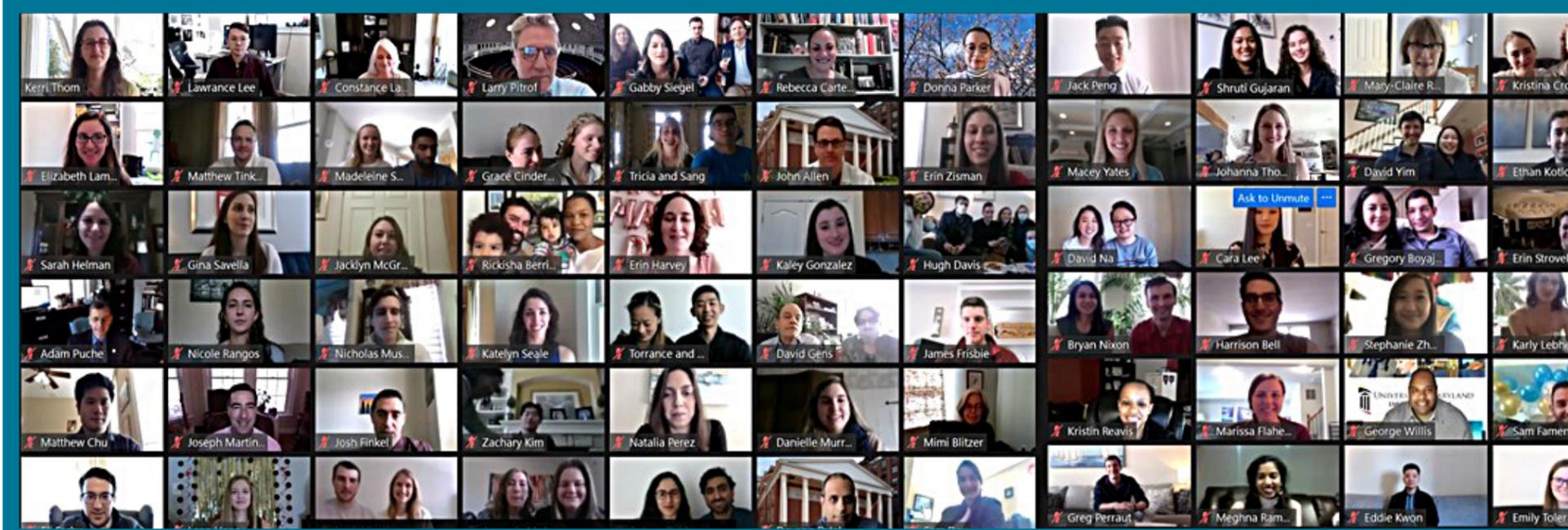
From the start of her career, Dr. RachBeisel gravitated to the development of clinical programs driven by evidence-based, scientifically established interventions serving those in most need of mental health

care. She became an established leader moving through many roles within the Department of Psychiatry such as Director of Inpatient Psychiatry, Adult Division Director, Community Psychiatry Division Director, Chief of Clinical Services, and lastly, as Vice Chair of Clinical Affairs before she assumed the Chair of the Department of Psychiatry. Her local, regional, and national connections have kept the Department in line with advancements in science and the most evidenced-based systems of care delivery.

Dr. RachBeisel’s contribution to science is based on a strong collaborative model bringing clinicians and researchers together where clinical questions and curiosity drive the investigative studies. Specific areas of interest include systems of care and meeting the medical needs of persons with mental illness, integrating medical care into mental health and substance use disorders programs, the collaborative care model of mental health services within primary and specialty programs, and measurement-based care, including the monitoring of the Quality of Life in persons with severe mental illness.

In her closing remarks, Dr. RachBeisel stated her course of the future of her department. ***“We hope to continue to reach out and connect with our community to provide the care that is needed most. We will continue to provide the best education to the next generation of future doctors, so that when they are ready to enter the workforce, they’re prepared and energized. And as an academic department, we will continue to ask those important questions and strive to discover novel treatments so desperately needed,”*** she said. 🏛️

Today’s gifts drive tomorrow’s visionary medicine. To make your gift or for more information, please contact Mary Pooton, Assistant Dean for Development, at (410) 706-3901 or mpooton@som.umaryland.edu.



A VIRTUAL

Virtual Match Day 2021 Celebrates Career

For the second consecutive year, UMSOM’s Match Day celebration was held virtually on March 25, 2021 — but that didn’t dampen the celebratory mood and anticipation for the 142 students awaiting their matches. For these students, the past year has been remarkable. The COVID-19 pandemic has tested their resiliency, having been pulled from clerkships and clinical rotations, with the uncertainty of when they would be returning. Despite all these challenges, Match Day remains one of the highlights of the year as a time to reflect and to celebrate with family, friends, students, and faculty.

In this annual ceremony, graduating medical students from around the country and at the UMSOM discover where they will begin their careers as physicians. The ritual takes place on March 25 every year for all graduating U.S. medical students.

The National Resident Matching Program (NRMP) has reported that, despite the pandemic, the national 2021 Main Residency Match was the largest in NRMP history, with 38,106 total positions offered and 35,194 first-year (PGY-1) positions offered, an increase of 928 (2.7%) over 2020.

This year, 142 UMSOM students matched at 68 different healthcare facilities in 25 states, compared to 73 different centers in 29 states in 2020. A total of 41% of students matched to a primary care specialty, which was unchanged from the prior year. A full 59% (84/142) of the Class of 2020 will stay in the state of Maryland for their residency training, compared to 24% (38/161) in 2020.

At this year’s Match Day celebration, UMSOM Dean **E. Albert Reece, MD, PhD, MBA** welcomed the students, families, and faculty. **“Match Day is a celebration of a milestone in your career,”** he said. **“You’re now preparing to take your next great step in this privileged profession of medicine. It is your next step in changing the world.”**

He also noted how difficult the last year has been for the students. **“Your attitudes, your conduct, your collective response to disappointment and challenges, especially over this past year, have contributed greatly to the excellence and**

success of the School of Medicine,” he noted. **“You are indeed the future of medicine, and because you are, brighter days are ahead for all of us.”**

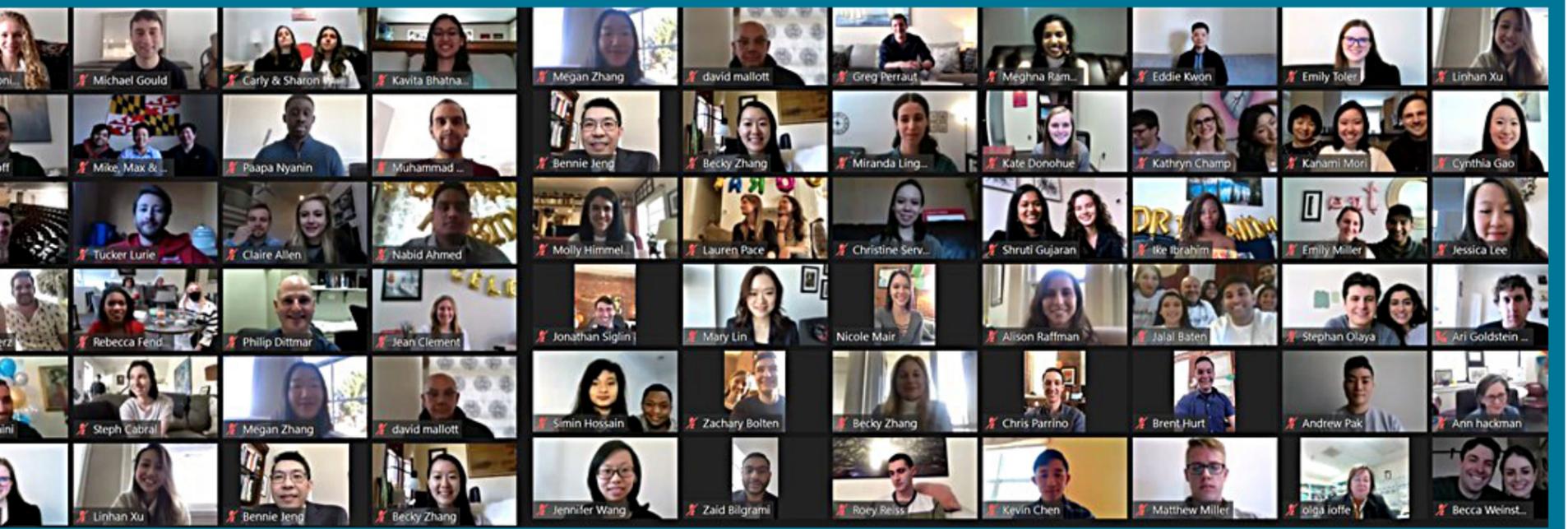
This year’s Match Day celebration spanned an entire week, with a range of events planned by the class government, including a funny video contest and a virtual pre-Match Day happy hour. For Match Day itself, students decided not to share their results during the event. In addition to receiving an email from the NRMP at noon on Match Day with their Match results, students could access their results via a special virtual envelope created by UMSOM’s Office of Medical Education, which also contained a “walk-up song” of the student’s choice.

Festivities also included a class-made video featuring shout-outs from some of the school’s favorite faculty. A Match Day Map was created to allow students to drop a pin with their name and residency program. Additionally, a Match Day Charity Donation, in which students contributed \$5 to a “bank box” for a local charity, was set up online.

UMSOM Class of 2021 President **Madeleine Smith, MD ‘21**, who matched in Neurological Surgery at George Washington University, addressed students with an uplifting message. **“We wanted to make our Match Day special, as it weighed heavily on our minds that we would not be able to have this event in person, so we turned a day into a week-long celebration,”** she says. **“I have talked with residents from other institutions during rotations, who pointed out just how competent we are as fourth-year medical students. It’s incredibly impressive to them what we’re capable of, and how much responsibility we take for our patients.”** 📺



Madeleine Smith, MD ‘21



TRIUMPH

Milestone for UMSOM's Medical Students



Rickisha Berrien-Lopez, MD '21

Rickisha Berrien-Lopez, MD '21, will be a resident in Internal Medicine at Johns Hopkins Bayview. Rickisha began her career engaged in U.S./China security research with a stint on Capitol Hill. ***"I realized that I actually really didn't like that type of work, so I started thinking about what else I would actually enjoy doing, and medicine was one of those,"*** she says. ***"I am interested in endocrinology and in underrepresented populations, but I also want to explore other specialties. I am leaving myself open to other possibilities."***



Alexander Cartron, MD '21

Alexander Cartron, MD '21 will be headed to the University of Maryland Mercy Medical Center for an initial Internal Medicine residency, followed by a Dermatology residency at the Penn State Hershey Medical Center. After graduating from Georgetown, he worked as a clinical research coordinator in the PICU and Cardiac ICU of Children's National Hospital in Washington, DC. He was before coming to the UMSOM. ***"I really like dermatology because you get to encounter conditions where you can immediately offer treatment to patients, whether it's injecting steroids or platelet-rich plasma,"*** he says.



Ellen Moore, MD '21

Ellen Moore, MD '21, matched in Obstetrics and Gynecology at the University of Colorado School of Medicine. Following undergraduate school, Ellen worked in a tumor immunology lab that focused on immunotherapies for head and neck cancer at the National Institutes of Health (NIH), as part of a post baccalaureate fellowship program. She knew that medicine was in her future following that experience. ***"I have learned so much at UMSOM, in part because of our patient population,"*** she says. ***"The cases in Baltimore are extremely complex, and patients who come into the hospital are really sick. While that's unfortunate, it's really a great learning experience, because one patient can teach you so much."***



Christopher Parrino, MD '21

Christopher Parrino, MD '21, will be pursuing an Anesthesiology residency at the University of Maryland Medical Center. Whether shadowing or volunteering at a hospital, Christopher knew early on in his undergraduate studies that medicine was for him. ***"It was the only career I could see myself doing, so I knew when I went into college that I wanted to be a doctor, and luckily ended up here at the UMSOM,"*** he says. ***"Maryland has one of the six programs in the country that offers trauma anesthesiology fellowship programs, so I knew that this would be a great place for me to do general anesthesiology training and, if I chose to pursue trauma, the best place."***



David Carroll

After Three Hearts, Gratitude — And an **Extraordinary Gift**

\$1 Million Bequest Will Underwrite Advanced Heart Failure Fund

UMSOM benefactor David Carroll had never expected what was to come. Retired from a career at UPS, he and his wife Candice were living the good life in a historic farmhouse in rural Dover, PA with their two German Shorthair Pointers, Hatteras and Ansel. David had been receiving care for advanced dilated cardiomyopathy, a heart condition that causes the muscle in the heart’s ventricles to become weakened and unable to pump blood normally, which can lead to heart failure.

By 2010, his condition worsening, David was referred to UMSOM’s **Erika D. Feller, MD '98**, Assistant Professor of Medicine in the Division of Cardiovascular Medicine. **“Mr. Carroll was very ill with heart failure when we first met. He soon progressed to require home IV inotropic therapy to help his heart beat more efficiently,”** she recalled. But Dr. Feller also recognized the bottom line — David needed a new heart.

While on the transplant wait list, he had a Jarvik left ventricular assist device (LVAD) implanted to help his weakened heart pump, extending his life until a donor organ was available. Improving significantly while on LVAD therapy, he was a pioneer in that early Jarvik LVAD clinical trial in which University of Maryland played an important role. Finally in January 2012, David received the exciting news from Dr. Feller that a donor heart had been found. He then underwent life-saving heart transplant surgery performed by **Bartley P. Griffith, MD**, the Thomas E. and Alice Marie Hales Distinguished Professor in Transplant Surgery, and his team.

“I received my new heart on Saturday, and on Monday, I got up and walked in my hospital room,” David recalls. **“It was phenomenal. I was released after three weeks and came home. I’ve only gotten better since then. I can play golf and really do anything.”**



Erika Feller, MD

“He has done really well,” Dr. Feller confirms. **“We remain close, and I continue to see him in a practice center north of Baltimore, making his travel from Pennsylvania easier.”**

In regaining his health, Mr. Carroll also assumed a new role — that of a grateful patient and benefactor. Extremely appreciative for the care he received, and the measures UMSOM physicians took to keep him alive, David consulted with UMSOM Development officers in 2017 to make an initial five-year pledge of \$5,000 for operating support of the Advanced Heart Failure (AHF) Program in UMSOM’s Department of Medicine’s Division of

Cardiovascular Medicine. With the passing of his wife Candace in 2020, David was determined to leave behind a legacy, which in November of that year he confirmed — a bequest intention to leave his residuary estate to support the AHF Program, an extraordinary estimated gift of \$1 million.

His newly established **Advanced Heart Failure Fund** will support the future efforts of advanced heart failure, heart transplant, and VAD (ventricular assist devices) programs. As an unrestricted gift, the Fund will provide UMSOM’s cardiovascular medicine team with the greatest flexibility to use this support strategically to advance



Bartley Griffith, MD

the changing needs of the program. **“David’s generous donation underscores the dedicated, multi-disciplinary work that the University of Maryland’s heart transplant and VAD team does every day,”** Dr. Feller says. **“Our work is more than a job — it’s a constant desire to improve the lives of patients with severe heart failure. It involves building patient trust and providing options for advanced heart failure management. His donation will help us increase our penetration into communities.”**

For his part, David Carroll continues to be thankful for the care he received. **“There is not enough I can give to thank Dr. Erika Feller and Dr. Bartley Griffith for saving my life,”** David says. **“Maryland has taken care of me from day one and continues to do so today. When I go there for a checkup, it’s like visiting my other family. If my bequest can just help one person, that would be great.”** 🏠

For many donors, bequests are symbolically important, creating an eternal legacy to institutions and causes that have changed their lives. To others, it is simply the most practical way to make the largest gifts without compromising lifetime needs and goals. Either way, they are impactful to sustaining the institutions who receive them and helping those they serve.

To learn more about planned giving opportunities to the University of Maryland School of Medicine, [click here](#).



CELEBRATING *Diversity*

Virtual Dinner Honors Leaders and Initiatives Supporting UMSOM Diversity

Even within a virtual format, the collective feelings of commitment shared by all in attendance at this year's 14th annual "Celebrating Diversity" Dinner were palpable. The annual event, held on February 20, 2021 honors the School's diversity efforts by recognizing those who have helped increase diversity in the field of medicine, while raising support for an endowed scholarship in the name of Dean Emeritus **Donald E. Wilson, MD, MACP, AGAF**.

"The School of Medicine recognizes and reinforces the positive impact that takes place in a healthy, robust, and diverse academic environment and are strongly committed to the recruitment and retention of talented, ethnically diverse faculty, staff, trainees, and students," said UMSOM Dean **E. Albert Reece, MD, PhD, MBA**. *"A robust scholarship program is critical to creating and maintaining a diverse, dynamic, and scholarly academic community."*

Dean Emeritus Donald E. Wilson Scholarship recipient **Kaéla Kuitchoua**, Class of 2024, was a featured speaker at this year's dinner. Kaéla, who follows in the footsteps of inaugural scholarship recipient **Jasmine Blake, MD '20**, is pursuing interests in neuroscience, behavioral biology, and genetics. She graduated from Emory University in 2018, where completed a Bachelor of Science degree in Neuroscience and Behavioral Biology. Prior to medical school, Kaéla spent two years working for the NIMH's Clinical and Translational Neuroscience Branch through the NIH Postbaccalaureate Intramural Research Training Award Program.

She currently is part of the Combined Accelerated Program in Psychiatry (CAPP) elective track, a member of UMSOM's Second Look Day Committee, and was elected to serve as a co-vice president of UMSOM's Student National Medical Association chapter for the 2021-2022 academic year. Kaéla notes that she is looking forward to supporting underrepresented minority students and serving underserved communities as a medical student and throughout her medical career.

"Being honored with the Donald E. Wilson Scholarship for wanting to practice medicine with underserved communities has motivated me throughout my first year at medical school," she said. *"It is a constant*

reminder that I want my medical career to be about advancing and serving communities that are often-times neglected. Diversity programs remind students like me that we are not alone on this journey, and that there is a whole community of people who want us to succeed."

Other honorees of the evening included **Diane Marie St. George, PhD**, Associate Professor of Epidemiology & Public Health, who received the ninth annual Dean's Faculty Award for Diversity and Inclusion. The award recognizes a School of Medicine faculty member whose work advancing diversity and inclusion has been extraordinary. Dr. St. George has made outstanding contributions to advance diversity and inclusion over the past 20 years. She advocates strongly for LGBT individuals, women, people of color, and indigenous individuals, while focusing on bias can cause many medical school candidates to be overlooked in the admission process.

"While we celebrate tonight, the work is never done," said Dr. St. George. *"We need to re-commit ourselves to eliminating barriers in equity and inclusion around the U.S., and in the communities where we live and work."*

Another Dean's Faculty Award was presented to **Mary Kay Lobo, PhD**, professor of Anatomy and Neurobiology. In her remarks, Dr. Lobo stated, *"So many have been involved in the efforts to address and improve diversity and inclusion, while combating bias. It's been energizing to see our students engaging in these efforts as well."*

The Dean's Alumni Award to **Robert Greifinger, MD '67**, a correctional health care policy and quality management consultant. While a medical student at the UMSOM, he and a group of fellow students, along with basic science faculty members, developed a cooperative summer program with Morgan State University to introduce minority students to the possibility of attending medical school.

"I am proud of the role we played more than 50 years ago in nudging the School of Medicine towards greater diversity, a trajectory that continues to blossom today," said Dr. Greifinger. 🏛️



Kaéla Kuitchoua, '24

To contribute to the **Dean Emeritus Donald E. Wilson Endowed Scholarship Fund**, please [click here](#) for more information.

Dr. Dzau Graduation Speaker

Continued from page 1

His seminal work laid the foundation for development of lifesaving drugs known as ACE inhibitors, used globally to treat hypertension and heart failure. Dr. Dzau pioneered gene therapy for vascular disease and was the first to introduce DNA decoy molecules as gene therapy in humans. His pioneering research in cardiovascular regeneration led to the Paracrine Hypothesis of stem cell action and the therapeutic strategy of direct cardiac reprogramming.

As one of the world's leading health leaders, he has served as Chair of the NIH Cardiovascular Disease Advisory Committee and now chairs the NIH Cardiovascular Progenitor Cell Consortium. Currently he is a member of Health Biomedical Sciences Advisory Council of Singapore, Board of Directors of Imperial College Health Partners of UK, Chairs the Scientific Boards of the Peter Munk Cardiac Center of University of Toronto.

Additionally, Dr. Dzau is active in Global Health. He serves on Global Preparedness Monitoring Board, Principal of the Access to COVID Tools Accelerator and COVAX, and was on the board of Coalition of Epidemic Preparedness and Innovation (CEPI). Professor Dzau is co-chair of the Healthy Brain Global Initiative. Currently he

is co-chair of the G20-European Commission High Level Scientific Panel on Global Health Security and an advisor to the G20 High Level Independent Panel for Sustainable Financing for Pandemic Prevention, Preparedness and Response.

In leading the National Academy of Medicine, Dr. Dzau has launched important initiatives such as the Global Health Risk Framework (2016), the Global Health and the Future Role of the US (2017), Human Genome Editing (2017, 2020), and the NAM Grand Challenge in Healthy Longevity.

Among his many honors and recognitions are the Gustav Nylin Medal from the Swedish Royal College of Medicine, the Research Achievement Award from the American Heart Association, the Ellis Island Medal of Honor, the Poulzer Prize of the European Academy of Sciences and Arts and the Henry Freisen International Prize. He is a member of the National Academy of Medicine, American Academy of Arts and Sciences, Academia Sinica and European Academy of Sciences and Arts. He has received sixteen honorary doctorates. 



Help Us Fulfill UMSOM's Promise of **Diversity and Inclusion**

Will you open the door to the University of Maryland School of Medicine for the best and brightest medical students from underrepresented communities? By securely donating [here](#) to the **Dean Emeritus Donald E. Wilson Endowed Scholarship**, you ensure that future generations of UMSOM graduates reflect the diverse world in which we live. You also may mail your donation directly to the **UMSOM Office of Development** with a check made out to **UMBF, Inc./Wilson Scholarship** and send to:

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