



UMB Global Health Summit

Improving the Human Condition *Globally*

Wednesday

MAY 29, 2019

8:30 a.m. – 5 p.m.

School of Medicine,
MSTF Leadership Hall

UMB Global Health Summit

Improving the Human Condition *Globally*

About the Center for Global Education Initiatives

In partnership with communities here and abroad, the University of Maryland, Baltimore Center for Global Education Initiatives addresses global challenges by developing experiential learning opportunities and interprofessional solutions with creative faculty scholarship, curricular innovation, and educational programs. Our vision is a borderless world where communities collaborate toward better health for all. Global is local and local is global.

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UNIVERSITY of MARYLAND
BALTIMORE
CENTER FOR GLOBAL EDUCATION
INITIATIVES

UMB Global Health Summit Welcome



Dear Colleagues:

It's an honor to welcome you to the University of Maryland, Baltimore's (UMB) inaugural Global Health Summit. Today, we bring together our experts in education, research, clinical care, service, and advocacy — experts working around the world to serve local communities. This is an opportunity both to celebrate our expansive activity in global health and to share ideas for future projects and partnerships.

During my State of the University Address this month, I said I believe this summit is overdue. Certainly, UMB has long been a global university — globally engaged and globally effective, with a powerful impact worldwide on human health and well-being. However, I know that with more intentional planning and collaboration, we can learn from the experiences of our colleagues; we can leverage our combined assets and expertise; we can grow our opportunities for partnership; and we can share the systems, practices, and protocols that have proved successful at home and abroad. This is our chance — the first of many — to broaden our global reach and amplify our influence.

I thank all of you working to effect change and to protect the vulnerable worldwide. I thank you for sharing the lessons of your own international experiences and for guiding colleagues who are new to global health. I thank you for advancing UMB's global prominence and for living our core mission, which applies irrespective of nationality or citizenship: Improve the human condition and serve the public good.

I wish you a productive summit, promising connections to colleagues and their work, and renewed enthusiasm for what we're undertaking together.

Sincerely,

A handwritten signature in black ink that reads "Jay A. Perman". The signature is written in a cursive, flowing style.

Jay A. Perman, MD
President

UMB Global Health Summit

Wednesday, May 29, 2019

School of Medicine, MSTF Leadership Hall

Facilitators:

Dr. Roger Ward,
Senior Vice President for Operations and
Institutional Effectiveness
and Vice Dean of the Graduate School

Dawn Rhodes,
Chief Business and Finance Officer
and Vice President

Agenda

7:30 a.m. – 8:30 a.m.

Summit Buffet Breakfast | MSTF Leadership Hall Atrium

All are welcome (please finish before entering the hall, where no food or beverage is allowed)

8:30 a.m. - 8:45 a.m.

Welcome and Summit Overview

Dr. Jay A. Perman, President of UMB

Introduced by Dr. Roger Ward

8:45 a.m. - 9:15 a.m.

Keynote Address

Dr. Jody Olsen, Director of the Peace Corps

9:15 a.m. - 11 a.m.

Panel Discussion: UMB Global Health

Moderator: Dr. Bruce Jarrell, Executive Vice President and Provost and Dean of the Graduate School

- Dr. Gambo Aliyu, Interim Country Director, Nigeria
- Dr. Cyprien Baribwira, Country Director, Rwanda
- Dr. Fadima Haidara, Director of Clinical Studies, CVD-Mali
- Dr. Emily Koech, Country Director, Kenya
- Dr. Abubakar Maghimbi, Country Director, Tanzania
- Dr. Don Mathanga, Director, Malaria Alert Centre, Malawi
- Dr. Ndwapi Ndwapi, Country Director, Botswana
- Dr. Robb Sheneberger, Country Director, Zambia

11 a.m. - 11:15 a.m.

Break

11:15 a.m. - 11:45 a.m.

Keynote Address

Dr. Samba Sow, Adjunct Professor of Medicine, Epidemiology, and Public Health, School of Medicine; Director General, Center for Vaccine Development-Mali; and Former Minister of Health, Mali

11:45 a.m. - 12:15 p.m.

Panel Discussion: Center for Vaccine Development and Global Health

Moderator: Dr. Kathleen Neuzil, Division Head, Geographic Medicine, School of Medicine, and Director, Center for Vaccine Development and Global Health

- Dr. Adama Mamby Keita, Director of Epidemiological Studies, Center for Vaccine Development-Mali
- Dr. Karen Kotloff, Division Head, Infectious Diseases and Tropical Medicine, and Associate Director for Clinical Research, Center for Vaccine Development and Global Health
- Dr. Miriam Laufer, Associate Director for Malaria Research, Center for Vaccine Development and Global Health

12:15 p.m. - 1:30 p.m.

Working Lunch and Poster Fair | MSTF Leadership Hall Atrium

1:30 p.m. - 2 p.m.

Panel Discussion: University of Maryland Strategic Partnership: MPowering the State

Moderator: Dr. Bruce Jarrell, Executive Vice President and Provost and Dean of the Graduate School

- Dr. Craig Beyrouthy, Dean, College of Agriculture and Natural Resources, University of Maryland, College Park
- Dr. Laurie Locascio, Vice President for Research, University of Maryland, College Park and University of Maryland, Baltimore
- Dr. Boris Lushniak, Professor and Dean, School of Public Health, University of Maryland, College Park

2 p.m. - 2:30 p.m.

Panel Discussion: Institute for Genome Sciences

Moderator: Dr. Claire Fraser, Dean's Endowed Professor, School of Medicine, and Director, Institute for Genome Sciences

- Dr. David Rasko, Professor, Institute for Genome Sciences
- Dr. Jacques Ravel, Associate Director, Institute for Genome Sciences
- Dr. Shannon Takala-Harrison, Associate Professor, Center for Vaccine Development and Global Health

2:30 p.m. - 2:45 p.m.

Break

2:45 p.m. - 4 p.m.

Panel Discussion: Global Education at UMB

Moderator: Professor Virginia Rowthorn, Executive Director, Center for Global Education Initiatives

- Dr. Caroline Burry, Associate Professor and Director of Global Initiatives, School of Social Work
- Dr. Carlos A. Faerron Guzmán, Director, InterAmerican Center for Global Health-Costa Rica, and Adjunct Faculty, UMB Graduate School
- Dr. Joanna Gaitens, Assistant Professor, Division of Occupational and Environmental Health, School of Medicine
- Dr. Yolanda Ogbolu, Assistant Professor and Director, Office of Global Health, School of Nursing
- Professor Mike Vesely, Academic Program Director, Center for Health and Homeland Security, Francis King Carey School of Law

4 p.m. - 5 p.m.

Working Session: Multi-Microbial Resistance and Potential Collaborations

Moderator: Dr. Cassidy Claassen, Assistant Professor of Medicine, Institute of Human Virology, Zambia

- Dr. Anthony Harris, Division Head, Genomic Epidemiology and Clinical Outcomes, School of Medicine
- Dr. Kristie (Jennifer) Johnson, Director, Clinical Microbiology, Laboratories of Pathology at UMMC, School of Medicine
- Dr. Daniel Morgan, Associate Professor of Epidemiology and Public Health, School of Medicine
- Dr. Brenna Roth, Visiting Instructor, Department of Medicine, Institute for Human Virology, School of Medicine, Tanzania
- Dr. Kristen Stafford, Assistant Professor, Epidemiology and Public Health, and Director, Clinical Research Academic Programs, School of Medicine
- Dr. Sharon Tennant, Associate Professor of Medicine, Center for Vaccine Development and Global Health, School of Medicine

4 p.m. - 5:30 p.m.

Reception and Poster Fair | MSTF Leadership Hall Atrium

UMB Global Health Summit Biographies



Gambo Aliyu

Gambo Aliyu, PhD, MBBS, MS, was among the first Nigerians to receive training from the Institute of Human Virology on establishing ARV-PMTCT (Antiretroviral-Prevention of Mother-to-Child Transmission) centers of excellence. Over the last 15 years, he has helped design, organize, coordinate, and direct population-based studies and program evaluations on HIV and service delivery in Nigeria — notably, the HIV seroconversion study, which provided insights into HIV incidence and helped the Centers for Disease Control and Prevention optimize early detection tests, while providing free HIV counseling and testing and successfully linking HIV-positive people into care and mobile services. He evaluated two national HIV treatment programs — Test and Start, and Community ART (Antiretroviral Therapy) — and was critical in implementing the largest single-country HIV population-based survey in Nigeria.



Cyprien Baribwira

Cyprien Baribwira, MD, has spent 27 years working in Sub-Saharan Africa as a lecturer, clinician, researcher, HIV/pediatric specialist, and program lead in malaria,

maternal and child health, nutrition, and diarrhea. He started working in Rwanda in 2000 as senior lecturer and head of the pediatric department in the University Teaching Hospital of Butare and then in supporting human resources development with Belgian cooperation. In 2009, he joined UMB-Rwanda as medical director, focusing on the remote districts and supporting policy, guidelines, tools, and development. Since 2011, as country director, he has implemented Centers for Disease Control and Prevention-funded health system strengthening projects dedicated to supporting Rwanda's Ministry of Health to sustain quality HIV services.



Craig Beyrouthy

Craig Beyrouthy, PhD, MS, has been dean of the College of Agriculture and Natural Resources at the University of Maryland, College Park (UMCP) since November 2015. Beyrouthy has been involved in teaching, research, and academic outreach for more than 35 years. He joined UMCP from Colorado State University (CSU), where he served as dean of the College of Agricultural Sciences as well as chief administrative and academic officer for the college. He also concurrently served as director of the Agricultural Experiment Station for CSU, which operates research centers in eight locations throughout Colorado. He previously held positions as professor and head of agronomy at Purdue University and professor at the University of Arkansas. He has led and participated in international research, teaching, and administrative activities in places such as China, Ethiopia, India, Russia, Israel, and more. Beyrouthy also is a fellow of the Soil Science Society of America and the American Society of Agronomy and has served as vice chair of the International Rice Root Working Group and president of the Plant Root Environment Working Group.



Bonnie Bissonette

Bonnie Bissonette, MA, EdD, who has been with the University of Maryland, Baltimore's (UMB) Center for Global Education Initiatives (CGEI) since 2012, led the planning team for the inaugural UMB Global Health Summit. As CGEI's director of education abroad and international safety, she works to strengthen international opportunities at the University's seven schools by working collaboratively with faculty, staff, and students. Bissonette develops creative and collaborative programs as well as processes and procedures, appropriate safety and security mechanisms, and other logistics relevant to international experiences. Previously, Bissonette was associate dean of business and international education at Northcentral Technical College in Wausau, Wis., for 10 years, and, prior to that, a U.S. Foreign Service officer (management), serving for 13 years at U.S. embassies in England, Madagascar, Mauritius, Eritrea, and Qatar. She has been vice president for public policy and practice on the board of directors of NAFSA-Association of International Educators since 2017 and served as NAFSA's secretary on the board of directors from 2008 to 2011. Bissonette is a frequent presenter on international education leadership topics. She received her bachelor's degree at the University of St. Thomas in St. Paul, Minn.; her master's at George Washington University in Washington, D.C.; and her EdD at the University of Minnesota, Twin Cities. Her thesis covered community college presidents' views of elements of campus internationalization.



Caroline Burry

Caroline Burry, PhD, LCSW-C, is an associate professor, chair of the families and children specialization, and director of global initiatives at the University of Maryland School of Social Work (UMSSW). She has been with UMSSW since 1997.



Man Charurat

Man Charurat, PhD, MHS, professor in the departments of medicine and epidemiology and public health, University of Maryland School of Medicine (UMSOM), is director of the Center for International Health, Education, and Biosecurity (CIHEB) and director of the Division of Epidemiology and Prevention at the Institute of Human Virology. As an infectious disease epidemiologist, he led early studies on the prevention of mother-to-child HIV transmission in the United States and Africa, showing the negative effect of mixed feeding in HIV-free survival in infants and studies that map "hotspots" using HIV phylogenetics to better inform HIV prevention strategies. He is currently leading a global effort to track and monitor HIV epidemic control through population-based HIV impact assessments. Charurat's projects are funded by the National Institutes of Health, the Centers for Disease Control and Prevention, the President's Emergency Plan for AIDS Relief, the World Health Organization, and the Global Fund to Fight AIDS, Tuberculosis and Malaria.



Cassidy Claassen

Cassidy Claassen, MD, MPH, is an infectious disease and public health physician who has been working in Zambia since 2015. Claassen serves as principal investigator for the CIRKUIITS (Community Impact to Reach Key and Underserved Individuals for Treatment and Support) project, which utilizes a community health approach to close gaps in HIV epidemic control in Zambia. Claassen also serves as technical director, overseeing implementation evaluations for the University of Maryland, Baltimore (UMB) program in Zambia and leading development of health policy for PrEP (pre-exposure prophylaxis). Claassen also is engaged in clinical care at the University Teaching Hospital (UTH), where he sees patients and teaches master's of medicine registrars. UTH is conducting several studies on antimicrobial resistance and antibiotic utilization. It also conducts a global health exchange in which UMB trainees work at UTH and Zambian trainees rotate at the University of Maryland Medical Center.



Carlos A. Faerron Guzmán

Carlos A. Faerron Guzmán, MD, MSc, is director of the InterAmerican Center for Global Health-Costa Rica and an adjunct faculty member of the University of Maryland, Baltimore Graduate School. He is a fellow for social innovation for health at the Central American Healthcare Initiative and the education fellow for the Planetary Health Alliance. He is the former academic director of the

Organization for Tropical Studies. Faerron has a degree in medicine from the University of Costa Rica and received the degree of European master in international health and development from Queen Margaret University and Vrije Universiteit Amsterdam. His additional studies include social justice at the Institute for International Health and Development in Scotland.



Jennifer Flinn

Jennifer Flinn, MA, joined the University of Maryland, Baltimore (UMB) in August 2017 as the executive director of International Affiliate Support, working with the Maryland Global Initiatives Corporation's (MGIC) six country offices in Africa. In this role, she supports initiatives that promote MGIC's operational efficiency and effectiveness in collaboration with the Institute of Human Virology and the Center for International Health, Education, and Biosecurity. Before UMB, Flinn worked for several nonprofit organizations, overseeing large projects and complex operations throughout Sub-Saharan Africa. She has extensive experience in international operations, project and portfolio management, capacity building, and specializes in project turnaround. Flinn received her BA in English and philosophy from the University of Florida and her MA in international affairs from George Washington University.



Claire Fraser

Claire Fraser, PhD, the Dean's Endowed Professor at the University of Maryland School of Medicine, is the director of its Institute for Genome Sciences. In 2019, she was elected president of the American Association for the Advancement of Science. From 1998 to 2007, she was president and director of The Institute for Genomic Research (TIGR) in Rockville, Md. In 2007, Fraser was recruited to direct the newly formed Institute for Genome Sciences. A world-renowned scientist, Fraser launched the new field of microbial genomics, and, through her groundbreaking research and pioneering leadership in this field, has fundamentally changed our understanding of the diversity and evolution of microbial life on Earth. Her current research is an integral part of the Human Microbiome Project and is focused on how the structure and function of microbial communities in the human gastrointestinal tract change in association with diseases such as obesity and inflammatory bowel disease. Between 1995 and 2008, Fraser was the most highly cited investigator worldwide in the field of microbiology, and her published work has received more than 50,000 citations. Her numerous awards and honors include the Ernest Orlando Lawrence Award (2002), the highest honor bestowed on research scientists by the Department of Energy.



Joanna Gaitens

Joanna Gaitens, PhD, MSN, MPH, is an assistant professor in the University of Maryland School of Medicine's Division of Occupational and Environmental Medicine. She is a nurse by training and obtained her PhD in public health from Johns Hopkins University's Department of Environmental Health Sciences. She has been involved with numerous global health activities as co-director of the Division of Occupational and Environmental Medicine's WHO (World Health Organization) Collaborating Center on Occupational Health.



Fadima Haidara

Fadima Haidara, MD, has been working at the Center for Vaccine Development (CVD)-Mali since 2002 and is head of the clinical department. Haidara works on vaccine trial phases that primarily assess the safety and immunogenicity of vaccines such as the meningitis A conjugate vaccine, RotaTeq vaccine, and an anti-Ebola vaccine. Studies implemented at CVD-Mali led to the licensure of the MenAfriVac vaccine in Mali. MenAfriVac is now used in the routine vaccination program. The study with RotaTeq vaccine also led to its introduction in Mali and has helped to reduce this disease in infants.



Anthony Harris

Anthony Harris, MD, MPH, is an infectious disease physician and epidemiologist whose research interests include emerging pathogens, antimicrobial-resistant bacteria, hospital epidemiology/infection control, epidemiologic methods in infectious diseases, and medical informatics. He has published more than 200 papers and has had funding from the National Institutes of Health, Centers for Disease Control and Prevention, and the Agency for Healthcare Research and Quality to study antibiotic resistance and hospital epidemiology. He is a past president of the Society for Healthcare Epidemiology of America.



Bruce Jarrell

Bruce Jarrell, MD, FACS, was named the University of Maryland, Baltimore's (UMB) executive vice president and provost in December 2017, expanding his already wide-ranging duties. Since being named chief academic and research officer and senior vice president in April 2012, Jarrell has served as the focal point for all academic matters at UMB and is responsible for facilitating the research mission of the University by working closely with UMB administrators, the deans, the research leadership of the schools, and other individuals. As executive vice president and provost, Jarrell has the authority to act on behalf of the president in a variety of matters and settings and represent him and the

interests of the University in activities for which he cannot be present and within their respective areas of control. Jarrell, who is dean of UMB's Graduate School, also oversees many of the University's most critical institutional relationships, such as the University of Maryland Strategic Partnership: MPowering the State, UMB's innovative and structured collaboration with the University of Maryland, College Park, and in building and maintaining academic interactions with all University System of Maryland institutions.



Kristie (Jennifer) Johnson

Kristie (Jennifer) Johnson, PhD, is a professor at the University of Maryland School of Medicine, departments of Pathology, Epidemiology and Public Health, and Microbiology and Immunology, and director of the Clinical Microbiology and Virology Laboratories at the University of Maryland Medical Center. Johnson is a diplomate of the American Board of Medical Microbiology and has expertise in public health and medical microbiology. Johnson's research focuses on the detection, transmission, and control of antimicrobial-resistant organisms concentrating on methicillin-resistant *Staphylococcus aureus* (MRSA) and resistant, gram-negative bacteria to include multi-drug-resistant *Enterobacteriaceae*, *Acinetobacter baumannii*, and *Pseudomonas aeruginosa*.



Adama Mamby Keita

Adama Mamby Keita, MD, MSc, serves as the national influenza surveillance and response coordinator, based in the Center for Vaccine Development (CVD)-Mali. He is also the head of the CVD-Mali Epidemiology Department. Since 2004, Keita has been active at CVD-Mali as clinical leader in the execution of epidemiological surveillance studies, sero-surveys, and clinical trials. Notably, he worked for four years to characterize invasive bacterial infections in Malian children treated as inpatients, and served as a co-investigator in the vaccine trial to measure the efficacy of trivalent influenza vaccine administered to pregnant Malian women in the prevention of influenza in their infants. During the 2014 Ebola outbreak in Mali, Keita participated in case management, staff training, and data management. Currently he is working as site coordinator on a multicentric project called CHAMPS (Child Health and Mortality Prevention Surveillance).



Emily Koech

Emily Koech, MPH, MMed, has 14 years of experience implementing public health programs, particularly HIV programs, from clinical patient care, implementation, and monitoring of donor-funded, large-scale HIV programs to the development of policies and guidelines on HIV management at the national level. She currently is the country director of the University of Maryland, Baltimore program in Kenya, where she provides strategic leadership

in the design, implementation, and evaluation of high-quality projects and ensures that they are implemented toward the desired goals and in line with national and international best practices. She also has been the deputy country director and program director for PACT (Partnership for Advanced Care and Treatment) Endezeza, a Centers for Disease Control and Prevention-funded program supporting 48 facilities providing HIV services in a complex urban population in Nairobi County. Her roles have included guiding the planning and implementation of UMB strategies; monitoring the program's progress toward desired quality, goals and targets; supervising multidisciplinary teams of technical experts; managing sub-grantees; and providing regular updates to the donor.



Karen Kotloff

Karen Kotloff, MD, a pediatric infectious disease expert, has made major contributions to the field of vaccine development in the developing world. Kotloff is a professor in the Department of Pediatrics and head of Infectious Disease and Tropical Pediatrics at the University of Maryland School of Medicine. She also is the associate director for clinical research at the Center for Vaccine Development and Global Health. She is a member of the American Epidemiological Society and a fellow of the American Society for Tropical Medicine and Hygiene. Kotloff has led numerous large epidemiological studies and clinical trials to evaluate vaccines against a wide range of infections in the United States and developing countries. She is the principal investigator of four grants funded by the Bill & Melinda Gates Foundation to study the prevention of death among infants and children in developing countries. She also is the principal investigator of a National Institute of Allergy and Infectious Disease-funded vaccine treatment and evaluation unit. She has published more than 200 manuscripts in peer-reviewed journals.



Miriam Laufer

Miriam Laufer, MD, is a pediatric infectious disease specialist with a primary research interest in malaria and global child health. She has conducted research, clinical care, and professional education in resource-limited countries in Africa and Asia and has dedicated nearly two decades to working in Malawi. She and her research team use clinical and laboratory research to develop and evaluate interventions to decrease the burden of malaria in Sub-Saharan Africa. She currently serves as principal investigator for clinical trials, epidemiological studies, and a Fogarty training grant that support her collaboration with colleagues throughout the United States, Europe, and Africa.



Flavius Lilly

Flavius Lilly, PhD, MA, MPH, worked in the health care industry for more than a decade in senior leadership roles. His focus was community health improvement, quality care, and organizational development. He currently is senior associate dean of the University of Maryland, Baltimore's (UMB) Graduate School and UMB's associate vice president of academic and student affairs. In these roles, he leads strategic initiatives in new professional master's degree development and online learning. He also is responsible for providing executive leadership to a broad range of student affairs services. He earned a Bachelor of Science degree in biology from Wright State

University, a Master of Public Health degree from Drexel University, a Master of Arts degree in applied sociology, and a Doctor of Philosophy degree, the latter two from the University of Maryland, Baltimore County. His primary research interests are in the realm of health care improvement for individuals with severe mental illnesses.



Laurie Locascio

Laurie Locascio, PhD, MSc, is vice president for research at the University of Maryland, College Park (UMCP) and the University of Maryland, Baltimore (UMB). In this role, Locascio oversees the vibrant research and innovation enterprise at the two institutions, which garner a combined \$1.1 billion in external research funding each year. Within Locascio's purview are the development of large interdisciplinary research programs, technology commercialization, innovation and economic development efforts, and strategic partnerships with industry, federal, academic, and nonprofit collaborators. She also is a professor in UMCP's Fischell Department of Bioengineering. She previously worked at the National Institute of Standards and Technology, most recently as acting principal deputy director and associate director responsible for leading the internal scientific research and laboratory programs across two campuses in Gaithersburg, Md., and Boulder, Colo. Locascio received a bachelor's degree in chemistry from James Madison University, a master's in bioengineering from the University of Utah, and a PhD in toxicology from UMB. As a biomedical researcher, she has published more than 100 scientific papers and 12 patents.



Boris Lushniak

Boris Lushniak, MD, MPH, is a professor and dean of the School of Public Health at the University of Maryland, College Park. He has launched a new global health initiative to build and expand the school's education, research, and service activities to improve health across the globe and is prioritizing public health action for civic engagement around issues such as preventing gun violence. A retired rear admiral, Lushniak served 27 years in the U.S. Public Health Service, culminating in roles as deputy surgeon general (2010-15) and acting surgeon general (2013-14). He earned bachelor's and medical degrees from Northwestern University and a master's in public health from Harvard University.



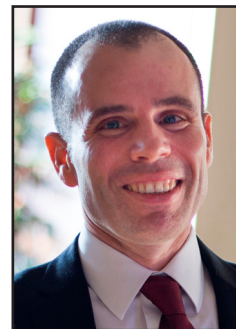
Abubakar Maghimbi

Abubakar Maghimbi, MD, specializes in internal medicine, with 17 years of experience in infectious diseases and over eight years working on President's Emergency Plan for AIDS Relief- and World Health Organization Stop TB-funded projects. He is a member of the Association of Physicians of Tanzania, Medical Association of Tanzania, and Medical Council of Tanganyika. His work in HIV/AIDS started in 2004 at Muhimbili National Hospital in Dar es Salaam, Tanzania. In 2009, he joined the University of Maryland, Baltimore program in Tanzania, leading a multidisciplinary team providing technical assistance to more than 600 Care and Treatment Clinics and PMTCT (Prevention of Mother-to-Child Transmission) facilities. As the Tanzania country director, he expanded his team from four to 52 staff members.



Don Mathanga

Don Mathanga, MD, PhD, MPH, is a doctor and epidemiologist with broad research interests in infectious diseases. He is an associate professor in public health at the University of Malawi's College of Medicine. He also is director of the Malaria Alert Centre, a regional resource facility, specializing in building capacity, through research, for scaling up effective health interventions. He started his career in public health by working as a district health officer in Malawi and over the last 20 years has conducted research aimed at understanding the best methods for reducing childhood morbidity and mortality.



Daniel Morgan

Daniel Morgan, MD, MS, is chief hospital epidemiologist at the Baltimore Veterans Affairs Medical Center and a fellow at the Center for Disease Dynamics, Economics & Policy. His research explores infection prevention and medical overuse. He is a founding member and past director of the Society for Healthcare Epidemiology of America (SHEA) Research Network and was on the board of directors of SHEA. With a National Institutes of Health New Innovator award, he is exploring how poor clinician understanding of risk leads to medical overuse.



Ndwapi Ndwapi

Ndwapi Ndwapi, MD, is an internal medicine doctor, the former head of Botswana's National Department of Clinical Services, and an expert in HIV/AIDS medicine, publicly funded ART (Antiretroviral Therapy), and tuberculosis/HIV programming and in-service training. His expertise includes managing annual budgets; performance improvement; policy review; policy formulation; strategy management; optimizing health systems and supply chains; outsourcing and privatization; procurement strategy, systems, and policy; and project management. He has led and coordinated donor-funded initiatives with the President's Emergency Plan for AIDS Relief, the Global Fund, and the Bill & Melinda Gates Foundation. He has co-authored 16 scientific publications and contributed to the book *African Health Leaders: Making Change and Claiming the Future*.



Kathleen Neuzil

Kathleen Neuzil, MD, MPH, professor of medicine and pediatrics and director, Center for Vaccine Development and Global Health, University of Maryland School of Medicine, is an internationally recognized research scientist in the field of vaccinology. Her capabilities range from proficiency in epidemiology and clinical trials to expertise in vaccine research and development. Neuzil graduated from the University of Maryland, College Park, received her medical degree from Johns Hopkins University School

of Medicine, and her Masters of Public Health degree from Vanderbilt University School of Medicine. She completed her internal medicine and infectious diseases training at Vanderbilt University.



Yolanda Ogbolu

Yolanda Ogbolu, PhD, CRNP, FNAP, FAAN, is an assistant professor, neonatal nurse practitioner, and director of the Office of Global Health at the University of Maryland School of Nursing. Her international research and programmatic activities focus on using dissemination and implementation science methodologies to improve newborn survival, the prevention of maternal-to-child transmission of HIV, nurse capacity, and maternal and child outcomes through health care system strengthening research. Bidirectional learning across contexts is highly valued, as evident in her global health research translation from low-resource settings to local communities in Maryland. Ogbolu is a fellow of the National Academies of Practice and the American Academy of Nursing.



Jody Olsen

Jody Olsen, PhD, MSW, was sworn in as the 20th director of the Peace Corps in March 2018. Olsen began her career as a Peace Corps volunteer, serving in Tunisia from 1966-68. She has since served the agency in multiple leadership positions — acting director in 2009; deputy director,

2002-09; chief of staff, 1989-92; regional director, North Africa, Near East, Asia, Pacific, 1981-84; and country director, Togo, 1979-81. Before returning to lead the Peace Corps, Olsen served as a visiting professor at the University of Maryland School of Social Work and director of the University of Maryland, Baltimore's Center for Global Education Initiatives. She also oversaw health research projects in Malawi while teaching courses on international social work, global social policy, and global women and children's health. Throughout her career, Olsen has championed the expansion of service, learning, and international opportunities for Americans of all backgrounds.



David Rasko

David Rasko, PhD, is a professor in the Department of Microbiology and Immunology and a member of the Institute for Genome Sciences at the University of Maryland School of Medicine. He has developed expertise in the integration of comparative microbial genomics, bioinformatics and functional genomics, and transcriptomics. Rasko has led comparative genome sequencing and analysis projects for important human diarrheal pathogens as well as examining the development of antimicrobial resistance. His current studies extend these large-scale comparative studies to understand the complex regulatory networks of these bacterial pathogens in the context of the other microbes, the host, and environmental signals.



Jacques Ravel

Jacques Ravel, PhD, MSc, is associate director for genomics at the Institute for Genome Sciences and a professor of microbiology and immunology at the University of Maryland School of Medicine. He received his PhD from the University of Maryland, College Park and performed his postdoctoral training at Johns Hopkins University. His research program (ravel-lab.org) focuses on applying modern genomics technologies and ecological principles to deciphering the role of the vaginal microbiome in women's health, using clinical genomics and systems biology approaches to develop improved strategies to manage gynecological and obstetrics conditions. Ravel was elected to the American Academy of Microbiology in 2012 and is editor-in-chief of the journal *Microbiome*.



Dawn Rhodes

Dawn Rhodes, MBA, has more than 30 years of experience in finance and operations, including 26 in higher education. Rhodes currently serves as chief business and finance officer and vice president at the University of Maryland, Baltimore (UMB). Before coming to UMB, Rhodes served for seven years as vice chancellor for finance and administration at Indiana University-Purdue University-Indianapolis, an urban public research institution. Rhodes also spent 15 years at the University of Toledo, holding several executive leadership positions. For a period between 1998 and 2000, she served as the vice president for business and finance at Savannah State University, a historically black college/university.



David Riedel

David Riedel, MD, MPH, has worked with the Institute of Human Virology's international program since 2008. He lived and worked in Rwanda from 2008-09 as senior technical advisor for the country program, working closely with the Rwandan Ministry of Health. During the last decade, he has served on multiple technical working groups, assisted with the identification of operational research priorities, provided clinical mentorship for providers in HIV clinics, and assisted with writing national guidelines for HIV care and treatment. He also has contributed to educational and research projects in other countries. While in Baltimore, he directs the Infectious Disease Fellowship clinical training program, works in the outpatient HIV clinic, and does inpatient consultations at University of Maryland hospitals. He received his medical degree from the Penn State College of Medicine and did his internal medicine residency at Johns Hopkins and his infectious disease fellowship at the University of Maryland School of Medicine.



Brenna Roth

Brenna Roth, MD, MPH, completed her infectious disease fellowship at the University of Maryland Medical Center in 2017. As a fellow, she conducted research on antimicrobial resistance in Zambia. Since 2017, she has worked in

Tanzania as an infectious disease specialist with the REACH (Racial and Ethnic Approaches to Community Health) grant to provide technical assistance to HIV care and treatment-implementing partners. Her major activities include advocating for the implementation of evidence-based public health interventions, expanding the use of Project ECHO (Extension for Community Healthcare Outcomes) to improve knowledge dissemination in HIV care and treatment and providing clinical mentorship. She is currently working on a research project to evaluate antimicrobial resistance at Muhimbili National Hospital in Dar es Salaam, Tanzania.



Virginia Rowthorn

Virginia Rowthorn, JD, LLM, is executive director of the University of Maryland, Baltimore's (UMB) Center for Global Education Initiatives (CGEI), senior lecturer at UMB's Graduate School, and an adjunct professor in the Law and Health Care Program at the University of Maryland Francis King Carey School of Law. In her role as CGEI executive director, she manages the interprofessional activities of the Universitywide center that focuses on community-engaged research and service projects in international and U.S. settings. In her role as senior lecturer at the Graduate School, she is the program director of the Costa Rica Global Health Innovation program.



Robb Sheneberger

Robb Sheneberger, MD, graduated from the University of Southern California's School of Medicine in 1982, and some of the first case reports of AIDS were identified in Los Angeles during his training. He has worked since 2004 for the Institute of Human Virology as the country director for the Center for International Health, Education and Biosecurity in Zambia. His passion is quality patient care that supports long-term treatment success. Sheneberger currently is assisting the Zambia government by serving on multiple partnership working groups and developing differentiated care systems to support HIV eradication goals.



Samba Sow

Samba Sow, MD, MSc, is adjunct professor of medicine at the University of Maryland School of Medicine, former Minister of Health of Mali, and director general of the internationally recognized Center for Vaccine Development-Mali (CVD-Mali), which resides within the Ministry of Health of Mali, since its inception in 2001. Sow is a strong advocate of immunization in the developing world. Under his leadership, CVD-Mali has made substantial contributions in clinical vaccinology, clinical research, field epidemiology, and public health policy in Mali and Sub-Saharan Africa. He serves on the board of Gavi, The

Vaccine Alliance, a powerful international organization that successfully brings new and underused vaccines to the world's poorest children. Sow has received numerous prestigious awards and honors in recognition of his impactful work in public health, including designation as an honorary international fellow of the American Society of Tropical Medicine and Hygiene, Officer of the National Order of Mali, and *Chevalier de l'Ordre de Mérite de la Santé of Mali*, presented by the president of Mali for his efforts in controlling the country's Ebola outbreak. He has authored or co-authored more than 100 scientific articles and chapters.



Kristen Stafford

Kristen Stafford, PhD, MPH, is an infectious diseases epidemiologist with 25 years of experience in the design, implementation, and evaluation of HIV care and treatment programs domestically and internationally. She is an assistant professor in the Department of Epidemiology and Public Health, associate director of the Institute of Human Virology's Center for International Health, Education and Biosecurity, and director of clinical research education programs in the Department of Epidemiology and Public Health, all at the University of Maryland School of Medicine. Her research has focused on HIV and aging and the application of advanced epidemiologic methods in clinical research. She has been with the University of Maryland, Baltimore since 2004.



Shannon Takala-Harrison

Shannon Takala-Harrison, PhD, is an associate professor of medicine and epidemiology and public health at the University of Maryland School of Medicine who has led pioneering molecular and genomic epidemiological studies of malaria. She currently leads the Genomic Epidemiology Unit within the Malaria Research Program in the Center for Vaccine Development and Global Health and has 20 years of experience conducting multidisciplinary translational research, working closely with international collaborators and genomics experts. She has applied her expertise in epidemiological methods, biostatistics, and population genetics toward understanding the genetic basis of anti-malarial drug resistance and vaccine escape, as well as malaria parasite gene flow/migration to inform malaria elimination strategies.



Sharon Tennant

Sharon Tennant, PhD, associate professor of medicine, Center for Vaccine Development and Global Health (CVD), University of Maryland School of Medicine, develops vaccines against non-typhoidal salmonella and nosocomial pathogens, including *Klebsiella pneumoniae* and *Pseudomonas aeruginosa*. Additionally, she oversees the CVD Molecular Diagnostics Section and Clinical Microbiology Laboratory. Tennant provides microbiology and molecular biology support for clinical trials performed domestically and internationally. In particular, she

participates in field studies to identify the main causes of infection in developing countries. She is interested in understanding antimicrobial resistance in these populations and developing new strategies to counteract antibiotic-resistant bacteria.



Mike Vesely

Mike Vesely, JD, is the academic program director at the University of Maryland Center for Health and Homeland Security (CHHS), part of the Carey School of Law. Since joining CHHS in 2007, Vesely has worked on crisis management planning and training for state, federal, and international organizations. He also has developed and teaches courses at Maryland Carey Law in the law and policy of emergency management and counterterrorism. His academic and client work focus on preparedness, response, and recovery from natural disasters, public health crises, and terrorism. Vesely recently led a delegation of University of Maryland, Baltimore students to Costa Rica to study the country's response to the Zika outbreak.



Roger Ward

Roger Ward, EdD, JD, MSL, MPA, was promoted to senior vice president for operations and institutional effectiveness at the University of Maryland, Baltimore (UMB) in January 2018. In this role, Ward directs a portfolio of departments and initiatives that promote institutional effectiveness and assure accountability, including human resources, strategic planning, enterprise risk management, and institutional accreditation. In addition, he oversees areas that promote University compliance and transparency, including the offices of research integrity, conflict of interest, human research protections, and education and equal access, and he serves as vice dean of UMB's Graduate School. Ward also has a leadership role on the steering committee of the University of Maryland Strategic Partnership: *MPowering the State*, UMB's structured collaboration with the University of Maryland, College Park, and serves as UMB's Middle States accreditation liaison officer. As Graduate School vice dean, Ward has responsibility for building an array of graduate programs that are self-sustaining and responsive to evolving needs of the health and human services workforce in the state of Maryland.



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