

## Enhancing the Resilience of Healthcare and Public Health Critical Infrastructure: A Workshop

### SPEAKERS BIOSKETCHES



#### **SCOTT AARONSON**

Senior Vice President, Security and Preparedness  
Edison Electric Institute

Scott Aaronson is Senior Vice President for Security and Preparedness at the Edison Electric Institute. EEI is the trade association representing all of the nation's investor-owned electric companies, which serve electricity to more than 250 million Americans and operate in all 50 states. Scott joined EEI in 2009 in the government relations department focusing on security and technology issues, which evolved to include supporting industry-government partnerships focused on enhancing security and supporting response to major threats including cyber and physical security, storm response and recovery, supply chain needs, and associated regulatory policy. In addition to his role at EEI, Scott also serves as the Secretary for the Electricity Subsector Coordinating Council (ESCC). The ESCC serves as the primary liaison between senior government officials and industry leaders representing all segments of the electric power sector. This partnership is held up as a model for how critical infrastructure sectors can work with the government, yielding dramatic improvements in security and preparedness for the industry and the nation.



#### **JEFF BUTLER**

Regional Emergency Management Officer, Illinois &  
Maryland, Medxcel

As the Regional Emergency Management Officer for Illinois and Maryland, Jeff Butler coordinates the Emergency Management programs for 16 Ascension Health hospitals as well as several home health, hospice, and mental health service providers to ensure a protected and prepared workplace. Throughout his tenure in safety and emergency preparedness, he has implemented emergency operations plans and a hazard vulnerability analysis tool for all hospitals within his regions as well as developed and conducted emergency management exercises for all-hazards situations. During the COVID response, Jeff served as the Deputy Incident Commander and Liaison Officer for the Ascension Illinois health system. He actively participates in several Regional Healthcare Emergency Preparedness Coalitions throughout the Chicagoland and Baltimore areas. Prior to joining the Medxcel team, Jeff served as the Manager of Security for a 500-bed, level two trauma center in Illinois. He holds a bachelor's degree in justice administration with a concentration in emergency management from DeVry University and a master's degree in public administration with an emphasis in healthcare administration from Keller Graduate School of Management. He holds certifications as an Illinois Professional Emergency Manager (IPEM), Certified Healthcare Safety Professional (CHSP), Certified Healthcare Emergency Professional (CHEP), Certified Emergency Disaster Professional (CEDP), and Certified Healthcare Protection Administrator (CHPA). Jeff is also a Professional Member in good standing with the International Association for Healthcare Security and Safety (IAHSS).



### **TJ CHRISTL**

Director  
Office of Critical Infrastructure Protection  
Administration for Strategic Preparedness and Response (ASPR)

CDR TJ Christl is the Director of the Office of Critical Infrastructure Protection (CIP) within the Department of Health and Human Services' (HHS) Administration for Strategic Preparedness and Response (ASPR). CIP executes the Sector Risk Management Agency (SRMA) responsibilities for the Healthcare and Public Health (HPH) Sector on behalf of HHS, promoting resilience of the nation's health infrastructure by leading a dynamic public-private partnership, drawing from all aspects of the Sector, to prepare for future threats, manage risks, and coordinate effective response. As the Director of CIP, CDR Christl leads the SRMA activities and serves as the permanent Co-Chair of the HPH Sector's Government Coordinating Council. Prior to joining CIP in 2019, CDR Christl spent 16 years with the Food and Drug Administration as a project manager, emergency coordinator, and most recently the Director of the Office of Drug Security, Integrity and Response where he oversaw strategic and operational activities supporting global pharmaceutical supply chain integrity including imports, exports, recalls and the detection and prevention of and response to counterfeit or otherwise illegitimate drugs in the U.S. pharmaceutical supply chain.



### **WAYLAND COKER**

Chief Supply Chain Strategist  
Director, Office of Supply Chain Optimization (SCO)  
Center for Industrial Base Management & Supply Chain (IBMSC)  
Administration for Strategic Preparedness and Response (ASPR)

Wayland Coker currently serves as the Chief Supply Chain Strategist, Supply Chain Optimization Office Director, in the Industrial Base Management & Supply Chain (IBMSC) program office at the Administration for Strategic Preparedness and Response (ASPR). He is a retired Naval Officer, serving onboard a submarine during the cold war, a surface ship during Operations Desert Shield/Desert Storm, as well as Pentagon tours on the Navy staff. He owned a supply chain and logistics consulting firm for over 20 years serving both the public and private sectors in Canada, the United Kingdom, Australia, and the United States. He also authored the book, "Overcoming in Business and Life" (Koehler Books, June 2022). He lives in northern Virginia with his wife, Karen.



### **KATHRYN CONDELLO**

Adjunct Professor, University of New Hampshire Cybersecurity Policy & Risk Management (CPRM) Program  
Vice Chair, Communications Sector Coordinating Council  
Senior Director, National Security/Emergency Preparedness, Lumen

Kathryn Condello represents Lumen at the Federal level in all policy, planning, and operational issues related to National Security, Emergency Preparedness, Disaster Response, Cybersecurity, Critical Infrastructure Protection, and Continuity of Operations. She holds a B.A. from the University of Virginia, an M.B.A. from Loyola College, served as a Principal Associate (Research Professor) with George Mason University's Critical Infrastructure Protection Program, and is currently an Adjunct Professor with the University of New Hampshire M.S. program in Cybersecurity Policy and Risk Management. Ms. Condello started her career in the public safety radio business, was one of the first commercial wireless pioneers, and gathered more than 20 years of commercial wireless experience prior to joining Lumen.



### **JOSHUA CORMAN**

Executive in Residence for Public Safety & Resilience  
Institute for Security and Technology (IST)

Joshua Corman is Executive in Residence for Public Safety & Resilience at the Institute for Security and Technology (IST), where he leads a new initiative on the resilience of lifeline basic human needs: water and wastewater, emergency medical care and hospital services, food supply chains, and power. Josh is the founder of I Am The Cavalry, a grassroots organization focused on the intersection of digital security, public safety, and human life. He was formerly chief strategist of CISA's COVID Task Force, where he advised on the pandemic response, provided cybersecurity expertise on healthcare infrastructure, and supported control systems and life safety initiatives. Prior to CISA, Josh was SVP and chief security officer at PTC, where he accelerated cyber safety maturity across industries. Previously, he served as director of the Atlantic Council's Cyber Statecraft Initiative, on the Congressional Task Force for Healthcare Industry Cybersecurity, and in leadership roles at Sonatype, Akamai, IBM, and the 451 Group.



### **BROOKE COURTNEY**

Senior Regulatory Counsel  
Office of Counterterrorism and Emerging Threats (OCET)  
Office of the Commissioner  
U.S. Food and Drug Administration (FDA)

Brooke Courtney serves as Senior Regulatory Counsel in FDA's Office of the Chief Medical Officer in the Commissioner's Office, where she coordinates agency-wide supply chain efforts and works on regulatory and policy issues to facilitate access to medical countermeasures in response to CBRN threats. She previously served as the Director of the Baltimore City Health Department's Office of Public Health Preparedness and Response and worked at the Center for Health Security, the American Red Cross, and Pfizer. Ms. Courtney also served as a member of the NASEM Preparedness Forum and crisis standards of care committee, and was a term member of the Council on Foreign Relations. She was an Adjunct Professor of Law at Georgetown Law and completed the National Preparedness Leadership Initiative program at Harvard. Her M.P.H. is from Yale University and her J.D. and Health Law Certificate are from the University of Maryland Carey School of Law. She is admitted to practice law in Maryland and the District of Columbia.



### **THERESA CULLEN**

Director  
Pima County (AZ) Health Department

Theresa Cullen is currently the Public Health Director of Pima County, Arizona. She has developed a strategic approach to transformational health status change with a goal of health equity through supporting a learning public health system model based on data and action. She graduated from Johnston College in 1978 with a Bachelor of Arts in philosophy/biology. She received her Doctor of Medicine from the University of Arizona in 1983, and a Master of Science from the University of Wisconsin in 2001. Theresa Cullen, RADM (retired) USPHS, began her family medicine clinical career with the Indian Health Service (IHS) and worked in leadership positions for 25 years with American Indian/Alaska Native communities with a goal of improving health status through innovation and data informatics. Dr. Cullen worked as the Chief Medical Information Officer for the Veterans Health Administration from 2012-2015 and as Associate Director of Global Health Informatics at the Regenstreif Institute.

**CHRISSY DANGEL**

Environmental Scientist  
Office of Water (OW)  
Office of Ground Water and Drinking Water (OGWDW)  
Water Infrastructure and Cyber Resilience Division (WICRD)  
U.S. Environmental Protection Agency (EPA)

Chrissy Dangel is an Environmental/Public Health Scientist with the USEPA, currently working for the Water Infrastructure and Cyber Resiliency Division (WICRD) in the Office of Ground Water and Drinking Water (OGWDW) since 2008. Her primary responsibility is leading the Public Health/Healthcare Interdependencies work, along with promoting the Community Based Water Resiliency Outreach for the Communications and Interdependencies (C&I) Team of the Division. Before her work on the C&I Team, Chrissy was the Public Health Surveillance lead of the Water Security initiative, within WICRD. Prior to her work with WICRD at the USEPA, Chrissy worked with the Department of Defense onboard Camp Pendleton, California. Her work with DOD consisted of environmental base planning and Installation Restoration coordinator. Chrissy received a BS degree in Biology from the University of Dayton and an MPH in Environmental Health from St. Louis University.

**PEGGY DUGGAN**

Chief Physician Executive  
Tampa General Hospital

Peggy Duggan, MD, FACS, is the Executive Vice President, Chief Physician Executive and Chief Medical Officer at Tampa General Hospital. Since joining Tampa General in 2021, Duggan has overseen a multitude of functions related to physicians and patient care for the academic health system, which includes nearly 14,000 team members and providers. Duggan is responsible for the implementation of many innovative programs across Tampa General — impacting both patient and team member safety, enhancing world-class care and supporting a compassionate culture. In 2022, Duggan initiated TGH Schwartz Rounds. She leads Tampa General's initiative to become a certified Collaborative High Reliability Organization®. Under Duggan's leadership, Tampa General has also revolutionized its approach to sepsis management, creating an early warning system that helps with improved intervention for this life-threatening complication of an infection. Before joining TGH, Duggan spent more than 15 years in the Mass General Brigham Health System (formerly Partners Healthcare). During that time, she practiced as a breast surgeon and became the chief medical officer for the Brigham and Women's Faulkner Hospital.

**CHAS EBY**

Deputy Secretary  
Maryland Department of Emergency Management

Chas Eby is the Deputy Secretary of the Maryland Department of Emergency Management (MDEM), where he oversees all programs, operations, and administration. This includes the State of Maryland's first Office of Resilience and State Disaster Recovery Fund. In 2021, Chas led Maryland's COVID-19 mass vaccination site campaign, during which the 13 state sites administered over 1.2 million vaccinations. Prior to joining MDEM, he was the Chief Planner for Emergency Preparedness at the Maryland Department of Health and served as the Pandemic Influenza Coordinator during the 2009-10 H1N1 influenza pandemic. Chas holds a Master of Arts degree in Security Studies from the Naval Postgraduate School. Chas has completed the FEMA National Emergency Management Executive Academy (2015) and a 2022 detail to FEMA headquarters. He was a 2019 Henry Toll Fellow at the Council of State Governments and an ELBI Fellow at the Johns Hopkins University Center for Health Security in 2014.





### **TRENT FRAZIER**

Assistant Director for Stakeholder Engagement  
Cybersecurity and Infrastructure Security Agency (CISA)

Trent Frazier as the Assistant Director of the Stakeholder Engagement Division (SED) in the Cybersecurity and Infrastructure Security Agency (CISA), works collaboratively across CISA, overseeing the agency's national and international partnerships and stakeholder outreach programs while directing efforts for shared engagement information and coordination that supports CISA's unified mission delivery. Leveraging the agency's convening authorities, Frazier facilitates the CISA Director's national coordinator role by overseeing multiple sector and cross-sector functions, including that of Sector Risk Management Agency for eight of the nation's 16 critical infrastructure. He also oversees multiple partnership and advisory councils, including those that advise the Director and the President. These mechanisms for public-private partnership ensure that CISA directly engages subject matter experts to collaboratively identify then address high priority issues, often resulting in new products and services that help critical infrastructure stakeholders increase their security and resilience. As a member of CISA's senior leadership team, Trent regularly represents the agency to senior administration officials, congressional engagements, and in bilateral and multilateral exchanges with both domestic and international partners on a broad range of policy and operational concerns. Prior to joining CISA, Trent served in a variety of leadership roles throughout the Department of Homeland Security, where he focused on protecting and building resiliency within the higher education community; developing cross-border transportation infrastructure; as well as workforce, acquisition, and program management. Trent has received the Secretary's Award for Excellence and multiple leadership awards across the Department. He has a Juris Doctorate from Washington University School of Law and a Bachelor of Arts from the University of Missouri at Columbia. He began his federal career as a Presidential Management Fellow and has since been a fellow in the Harvard Senior Executive Fellows Program.



### **HENRY A. GARRIDO**

Executive Director  
NYC District Council 37

Henry A. Garrido is the executive director of District Council 37, New York City's largest municipal employee union. He was elected to a third term in January 2022. Since becoming executive director in 2014, Garrido has focused on encouraging greater member participation. Garrido initiated the DC 37 Union Strong organizing campaign that helped boost DC 37 membership to 150,000. The campaign continues to broaden membership outreach and services through one-on-one conversations with members. More than 95 percent of DC 37 locals have 100 percent member participation. Garrido previously served as the union's associate director. In that position, he helped establish the Municipal Employees Housing Program, which coordinates grants for first-time homebuyers and provides foreclosure prevention services, financial education, and counseling. He also directed the union's white paper project that addressed government waste by investigating the privatization of City services and identifying additional revenue sources. Garrido also was involved in an initiative on sustainability and green jobs in New York State. Garrido is an international vice president of the American Federation of State, County, and Municipal Employees (AFSCME), co-chair of the Municipal Labor Committee, a trustee on the City of New York's Workforce Investment Board, an advisory board member of the New York City Independent Budget Office, and serves on the board of the New York City Employees Retirement System (NYCERS). A native of the Dominican Republic, he is the first Latino to head DC 37 since it was formed in 1944.



**RADM (RET.) GARY J. HARTZ**

Former Assistant Surgeon General  
U.S. Public Health Service Commissioned Corps

Gary J. Hartz, Rear Admiral, U.S. Public Health Service (Ret.), former national Director Office of Environmental Health and Engineering, Indian Health Service in the U.S. Department of Health and Human Services. He served 36 years in the U.S. Public Health Service Commissioned Corps and 12 years in the Senior Executive Service serving American Indians and Alaska Natives in field assignments on the Navajo Reservation, Alaska, and numerous executive positions at IHS headquarters, including 7 years as the Acting Director of the Office of Public Health. The early years of his career took advantage of his civil engineering education at the University of North

Dakota, BSCE, and Stanford University, MSCE, Construction Engineering and Management, later benefitting from postgraduate studies in business administration at Syracuse University and executive training at the Federal Executive Institute and the Harvard JFK School of Government. He did onsite assessments in Morocco and was technical training director for Peace Corps volunteers assigned in multiple locations to improve water and sanitation. He was a U.S. representative to the World Health Organization, Geneva, to finalize the Third Edition of the Guidelines for the Safe Use of Wastewater Excreta and Greywater. He also represented the IHS for a number of years on the Center for Health Design, Built Environment Network addressing healthcare facilities.



**MELISSA HARVEY**

Assistant Vice President for Enterprise Emergency Operations  
HCA Healthcare

Melissa Harvey is the Assistant Vice President for Enterprise Emergency Operations for HCA Healthcare, the nation's largest health system, comprised of 185 hospitals and 2,000+ sites of care in 20 states and the United Kingdom. She is responsible for advancing healthcare system preparedness across the organization and developing next-generation response capabilities to ensure a more resilient healthcare

enterprise. Previously, Melissa served as the Director of Strategic Projects at the Global Center for Health Security at the University of Nebraska Medical Center (UNMC) and Nebraska Medicine, where she developed public-private partnerships to advance the nation's health security. She has more than a decade of federal healthcare experience, most recently at the U.S. Department of Homeland Security, where she served as the Director of Health Systems. In this role, Melissa oversaw the Department's emergency care, electronic health records, and health security portfolios. During the COVID-19 response, she was detailed to the FEMA-HHS Healthcare Resilience Task Force, where she led the Hospital Team. Melissa also served as a member of the COVID Crisis Group, which aimed to pave the way for a potential National COVID Commission, preserve the lessons learned during the crisis, and recommend solutions to safeguard the nation from future threats. The Group published its report, *Lessons from the COVID War: An Investigative Report* in March 2023. Until 2019, Melissa served as the Director of National Healthcare Preparedness Programs in the Office of the Assistant Secretary for Preparedness and Response (ASPR) at the U.S. Department of Health and Human Services, where she developed and advanced the implementation of policies, capabilities, and performance metrics that aimed to improve the nation's overall healthcare emergency readiness. Melissa led ASPR's domestic healthcare system response to Ebola, including developing a regional and tiered infectious disease strategy for the nation's healthcare facilities. She also concurrently served as the ASPR Chief of Staff, facilitating the Office's policy and legislative priorities and its \$1.5 billion budget. Previously, Melissa served at the Central Intelligence Agency, and was the Manager of Emergency Management for Northwell Health in New York. At Northwell, she was responsible for all-hazards planning and response for New York State's largest healthcare system. Melissa has clinical experience as an RN and an EMT. She attended Harvard University (MSPH), Boston College (BA), and George Mason University (BSN).



### **JULIE HIROMOTO**

Partner and Director of Integration  
HKS

Julie Hiromoto, FAIA harnesses the built environment's power as a positive force to heal seemingly intractable social challenges. She transforms architectural practice to embrace a regenerative and evidence-based future, while fostering equity and human health as an HKS Partner and firmwide director of Integration. Her advocacy efforts include 2020 Congressional Testimony on energy efficiency, fuel source and the market's ability to innovate; representing 95,000 American Institute of Architects members in their first delegation to the United Nations annual climate conference (COP26) in Glasgow, Scotland and Architecture 2030 at COP28; and as the Mayor's appointee to the Dallas Environmental Commission. Hiromoto's commitment to building collaborative, influential and cross-disciplinary coalitions is evidenced by her long history of industry engagement: Urban Land Institute Americas Sustainable Development Council Vice Chair of Diversity Equity & Inclusion, Climate Reality Leadership Corps, International Living Future Institute (ILFI) Board Secretary and previously as American Institute of Architects (AIA) national Committee on the Environment (COTE®) 2020 Chair, Autodesk AEC Research Advisory Board member (2021-2022), International WELL Building Institute (IWBI) WELL Community standard working group, Large Firm Roundtable Sustainability Group (2018-2019 Chair and 2017 Vice Chair), Center for Architecture Science and Ecology (CASE) principal and New York University Schack Institute of Real Estate Adjunct Instructor. Her work has been published in the New York Times, Wall Street Journal, NPR, Fast Company, Metropolis, The Dallas Business Journal, Urban Land, Architect Magazine, Interior Design Magazine, Architectural Record, A+U, The Real Deal and beyond. Her research has been cited in over 50 academic and trade publications. Hiromoto is a frequent design industry award jury member, panelist, and keynote speaker.



### **MARK P. JARRETT**

Senior Health Advisor, Northwell Health  
Professor of Medicine, Donald and Barbara Zucker School of  
Medicine at Hofstra/Northwell  
Chair, U.S. Healthcare and Public Health Sector Coordinating  
Council

Mark P. Jarrett currently serves as Senior Health Advisor for Northwell Health and a Professor of Medicine at the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell. He is the Chair of the U.S. Healthcare Public Health Sector Coordinating Council, working with multiple government agencies to protect the healthcare sector from natural and manmade threats. He also serves as the National Healthcare Sector Chief for National InfraGard a private-public partnership with the FBI, as well as the Sector Chief for NY Metro InfraGard. He served on the Healthcare Cyber Working Group Executive Council until 2023. His previous position for ten years was as Chief Quality Officer for Northwell Health where he was responsible for system-wide initiatives in quality and safety, and also served as Northwell's Deputy Chief Medical Officer. He was responsible for 21 hospitals, 800 ambulatory sites, and 15,000 physicians. He previously served as Chief Medical Officer and DIO at Staten Island University Hospital (SIUH). Prior to that appointment, Dr. Jarrett was Director of Rheumatology at SIUH from 1982-1999. Dr. Jarrett has extensive research experience and has been published on the subjects of immune response in systemic lupus erythematosus, quality, and cybersecurity in health care. Dr. Jarrett is board certified in internal medicine and rheumatology. He is a Fellow of the American College of Physicians and the American College of Rheumatology, and past president of the Richmond County Medical Society. Dr. Jarrett earned his medical degree from New York University School of Medicine. He completed his residency in Internal Medicine at Montefiore Medical Center and a Rheumatology fellowship at Montefiore Medical Center and Albert Einstein College of Medicine. Dr. Jarrett also holds an MBA from Wagner College and an MS in Medical Informatics from Northwestern University. He is also a certified Healthcare Information Security and Privacy Practitioner (HCISPP).





### **SEAN KICE**

Deputy Director | Emergency Services Coordinator  
Emergency Preparedness Program  
Tennessee Department of Health

Sean Kice is the Deputy Director of the Tennessee Department of Health's Emergency Preparedness Program. He oversees operations of logistical mass distribution and medical countermeasures. This ranges from loading and unloading tractor trailers, conducting planning and exercise audits, to acting as a subject matter expert in hazardous materials interactions. Mr. Kice has been in the field of Emergency Management since 2005. During this time, he has acted as on scene responder, emergency operations center staff, Strategic National Stockpile Coordinator, and incident consultant for emergencies ranging from hurricanes, tornados, chemical spills, radiation incidents, and fires. Prior to working at the Department of Health, he was the Radiation Protection Officer for the Tennessee Emergency Management Agency where he oversaw responses to nuclear power plants, federal Oak Ridge facilities, and radioactive materials transportation. He earned a Master of Science at Louisiana State University School of Coast and Environment in Environmental Science/Toxicology. He also holds a Bachelor of Science from the University of Southern Mississippi in Biology and a Graduate Certificate from Tennessee State University in Hospital Administration. Mr. Kice is also a FEMA certified instructor and graduate of FEMA's National Emergency Management Advanced Academy.



### **JP LEIDER**

Associate Professor, Division of Health Policy and Management  
Director, Center for Public Health Systems  
University of Minnesota School of Public Health  
PI, Public Health Workforce Research Center  
Consortium for Workforce Research in Public Health (CWORPH)

JP Leider is an Associate Professor in the Division of Health Policy and Management at the University of Minnesota School of Public Health and founding director of the School's Center for Public Health Systems. The Center works to support governmental public health departments in their research, evaluation, and technical assistance needs. He is a principal investigator in the Consortium for Workforce Research in Public Health (CWORPH), a collaboration of universities and public health organizations conducting practice-oriented research and analysis on public health finance, workforce, and infrastructure. He has active projects and collaborations with foundations, national public health organizations, public health researchers and academics, and public health practitioners. JP is also the Director of Evaluation for the Region V Public Health Training Center. Previously, JP has worked in public health philanthropy and public health practice. He holds a Ph.D. in Health Policy and Management from the Johns Hopkins Bloomberg School of Public Health, as well as a bachelor's from the University of Minnesota.



### **CATHY JUNDA**

Principal and Digital Health Lead  
Stantec

Cathy Junda is a leader in healthcare technology and infrastructure resilience, specializing in ecosystem thinking and collaborative innovation. As Principal and Digital Health Lead at Stantec, she integrates healthcare technology, clinical workflows, and architectural design to create resilient, patient-centered healthcare systems. A master's-educated engineer and certified Health and Wellness Coach, Cathy also brings first responder experience as an EMT, providing a unique perspective on the intersection of technology, care delivery, and infrastructure. Cathy has contributed to international and national efforts, including her work with the NATO Multinational Telemedicine System for Disaster Response and the Health and Public Health Sector Coordinating Council. Known for fostering partnerships between architects, engineers, clinical



teams, and communities, Cathy has advanced global efforts in creating equitable and sustainable health ecosystems. Her extensive credentials include a postgraduate certificate in Health Informatics and a master's degree in engineering. Through innovative thinking and a commitment to resilience, Cathy continues to redefine healthcare design and operations for the future.



#### **MONIQUE K. MANSOURA**

Executive Director, Global Health Security and Biotechnology  
The MITRE Corporation

Monique K. Mansoura is the Executive Director for Global Health Security and Biotechnology at The MITRE Corporation. She brings technical, policy, and business expertise from both the public and private sectors. Her focus is on U.S. competitiveness and sustainability of the biotechnology industrial base that is vital to national, economic, and global health security as well as the bioeconomy. From

2002-2011, she led strategic policy, planning, and budgeting for a pioneering multibillion-dollar medical countermeasures development and acquisition program in the U.S. Department of Health and Human Services under the authorities of the Project BioShield Act of 2004 and the Pandemic and All-Hazards Preparedness Act of 2006. During a recent sabbatical, Monique examined innovative financing approaches in healthcare as a Research Affiliate of the MIT Laboratory for Financial Engineering (LFE), Sloan School of Management. She led an LFE healthcare finance initiative with Professor Andrew Lo that explored new business models and financial vehicles for raising and deploying funds to enhance global health security. She earned a Ph.D. in Bioengineering and an M.S. in Human Genetics from the University of Michigan, a B.S. in Chemical Engineering from Wayne State University, and completed an NIH post-doctoral fellowship. She earned an MBA in the MIT Sloan Fellows Program in Innovation and Global Leadership. She is a member of the Council on Foreign Relations.



#### **JAKE MARSHALL**

Program Manager | Continuity of Operations  
Special Operations Division  
National Transportation Safety Board (NTSB)

Jake Marshall is an executive emergency operations leader specializing in complex incident management and critical infrastructure protection. He carries several designations including the Certified Emergency Manager (CEM) and is a Nationally Registered Paramedic. His educational background includes a master's degree in

Homeland Security from Pennsylvania State University and a Bachelor's Degree in Forensic Science from Virginia Commonwealth University. Mr. Marshall currently serves as a Program Manager with the United States National Transportation Safety Board (NTSB) Office of the Managing Director. He oversees the agencywide Continuity of Government, Continuity of Operations, Emergency Management, and Operational Security Programs. He is also a credentialed transportation accident investigator for the agency. Prior to government service, Jake served as the Senior Director for Enterprise Preparedness and Emergency Operations with HCA Healthcare. HCA Healthcare, a Fortune 100 Company, is the World's largest private healthcare and hospital system and operates as the industry leader across 23 US States and multi-nationally. There he served as the Incident and Deputy Incident Commander for the Enterprise Emergency Operations Center (EEOC) during major Federal emergencies and disasters including numerous major Hurricanes such as Harvey, Irma, and Michael, the 1-October mass shooting incident in Las Vegas, and the Alaskan Earthquakes of 2018. Mr. Marshall has earned several awards for his work including the Gordon Barwell Award from the Virginia Emergency Management Association and the Rappahannock EMS Council's Regional Award for Excellence in Emergency Medical Services. Jake enjoys baseball, fishing, and blues music while spending time with his wife and their dog at their home in the Northern Virginia/DC Area.

**THERESE P. MCALLISTER**

Deputy Chief of the Materials and Structural Systems Division  
Community Resilience  
National Institute of Standards and Technology (NIST)

Therese McAllister is the Deputy Chief of the Materials and Structural Systems Division and a Research Structural Engineer in the Community Resilience Group of the Engineering Laboratory (EL) at the National Institute of Standards and Technology (NIST). She is also the Technical Point of Contact for the NIST-funded Center of Excellence, Center for Risk-Based Community Resilience Planning, led by Colorado State University. Dr. McAllister conducts research on community resilience, with a focus on the integrated performance of physical infrastructure systems and social and economic systems. She has expertise in structural reliability, risk assessment, and failure analysis of buildings and infrastructure systems. She conducted detailed studies of the WTC disaster, Hurricane Katrina flooding in New Orleans, and Hurricane Sandy flood effects on infrastructure systems. Prior to joining NIST, she conducted forensic studies of structural failures. Dr. McAllister has specialized expertise in the performance of structures in fire, including nonlinear finite element modeling of structural systems, temperature-dependent material models, and thermally-induced failure modes. Her research includes performance-based methodologies for structures subject to fire. Dr. McAllister was editor of the FEMA World Trade Center Building Performance Study and the Co-Leader for the Structural Fire Response and Collapse of WTC 1, WTC 2, and WTC 7 of the NIST World Trade Center Investigation. She serves on standard and technical committees of the American Society of Civil Engineers (ASCE) and has served on the International Code Council (ICC) Structural Committee. Dr. McAllister is an ASCE Structural Engineering Institute Fellow and a registered professional engineer in Maryland.

**PATRICK MURPHY**

Senior Scientist  
PSE Healthy Energy

Patrick Murphy has 20 years of experience as an energy and systems engineer, operations research analyst, research program manager, and military intelligence officer. He has applied his training and experience to address energy access, emissions reduction and mitigation, and security technologies. He has helped researchers pursue funding from strategic partners and public sector agencies. He researched and implemented environmentally and economically sustainable energy solutions in the United States and Africa, with a focus on resilient energy systems and the economics of reliability. He managed resilient power systems research in the Homeland Security Advanced Research Projects Agency (HSARPA) to prevent and mitigate outages caused by natural and man-made disasters. He consulted for various government and defense agencies to optimize research portfolios for future military systems. Prior to his civilian career, Dr. Murphy was an Army intelligence officer deployed in the former Yugoslavia. Throughout his work, Dr. Murphy assembled, led, and contributed to collaborative teams of experts from non-governmental organizations, academia, government, and industry to work toward a secure and sustainable future. Dr. Murphy received his PhD in Operations Research and Master's in Science Policy from George Washington University and Bachelor's Degrees in Electrical Engineering and Political Theory from the University of Notre Dame.

**KELLI NATIONS**

Chief Nursing Executive  
HCA Houston Healthcare

Kelli Nations currently serves as the HCA Healthcare American Group Chief Nurse Executive and is responsible for nursing clinical leadership, practice, and operations with sixty hospitals in Colorado, Kansas, Louisiana, and Texas. In her previous role as Chief Nurse Executive for HCA Healthcare Gulf Coast Division, Kelli spearheaded initiatives to enhance nurse engagement, increase internal hire rates, and reduce mortality and infection rates. She has also played a pivotal role in workforce development, serving as the Executive Chair of the

Women's Colleague Network and facilitating the successful launch of the Nurse Leadership Development Program. Kelli's experience with emergency management has included work as a frontline nurse leader, Chief Nursing Officer, Division Chief Nursing Officer, and Group Chief Nursing Officer through multiple emergency management events; including Hurricanes Harvey and Milton. With a Doctorate in Business Administration, a Master's in Healthcare Administration and a Bachelor of Science in Nursing, Kelli combines academic excellence with real-world experience to drive positive change and innovation in the healthcare industry.



**ANITA PATEL**

Vice President Pharmacy Services Development  
Walgreens

Anita Patel leads the development of Walgreens clinical pharmacy services. She is responsible for the advancement of existing clinical programs such as immunizations and medication adherence across 9000 community sites; expansion into new therapeutic areas including health screenings, care gap closures for diabetes and hypertension; and innovation for clinical service delivery to improve access to quality care across communities. Dr. Patel also oversees the Walgreens COVID-19 strategy and execution, including vaccines, testing, data, and analytics. She has over 20 years of experience in the public health and healthcare industry helping to accelerate Walgreens into its pharmacy of the future strategy.



**GREGORY PLUTA**

Executive Director of External Partnerships  
Computer Science Department  
University of Illinois at Urbana-Champaign

Gregory Pluta is the Executive Director of External Partnerships for the Siebel School of Computing and Data Science at the University of Illinois at Urbana-Champaign. Greg has been Technical Program Manager at the National Center for Supercomputing Applications, and Project Manager for the DoD High Performance Modernization Office Technology Transfer project, including Network and Security Research. Greg has also been the Chair of the Site Managers Forum of the National Science Foundation Network for Earthquake Engineering Simulation and Managing Director of an NSF Industry University Cooperative Research Center. Previously, Greg also was a consultant out of Accenture's Chicago Technology group. Greg has over 30 years of experience in software development, system administration, storage security, and technology transfer between federal, state, and corporate organizations.



**RAJ RATWANI**

Vice President of Scientific Affairs, MedStar Health Research Institute  
Director, MedStar Health National Center for Human Factors in Healthcare  
Professor, Georgetown University School of Medicine

Raj Ratwani is the vice president of scientific affairs for the MedStar Health Research Institute. He is responsible for supporting researchers in program development, identifying strategic partners and funding opportunities to foster high-impact research, and supporting an administrative infrastructure that enables rigorous research. Dr. Ratwani is also the director of the MedStar Health National Center for Human Factors in Healthcare-- the largest human factors research team embedded in a healthcare system. As a center director, he is responsible for overall strategy development and execution, and he oversees research, advisory services, and education efforts. Dr. Ratwani's research focuses on patient safety, digital health, data science, and artificial intelligence. He has received over \$20m in federal and industry-applied research and innovation funding, including serving as principal investigator on five R01 awards. He has published over 100 peer-reviewed articles in high-profile journals such as *JAMA* and *Health Affairs*. National Public Radio, Fortune Magazine, and Kaiser Health News have all featured his work. He has also focused on improving healthcare policy through testimony



to the Senate Health, Education, Labor, and Pensions committee, service on the 21st Century Cures Act Health Information Technology Advisory Committee, and policy advisement to several healthcare stakeholders, including the Senate and House of Representatives. He earned a Doctorate in Human Factors and Applied Cognition from George Mason University and received the Fleishman dissertation award for outstanding research. He completed a National Research Council post-doctoral fellowship at the U.S. Naval Research Laboratory.



#### **CHRISTOPHER RICCARDI**

Manager  
Emergency Management & Business Continuity  
Children's Health of Orange County (CHOC)

Christopher Riccardi is the Manager of Emergency Management and Business Continuity for CHOC (Children's Health of Orange County) in Orange, California. His responsibilities include the development, implementation, and management of Emergency Management planning and exercises and of the enterprise-wide Business Continuity Program. Chris brings 20 years of industry experience resulting in a rare combination of hands-on practice coupled with natural leadership. He serves as Chair of the Southern California Pediatric Disaster Coalition developing best practice resources for pediatric hospitals. Chris also serves as Chair of the Health Care Coalition of Orange County's Hospital Advisory Committee. He was the visionary behind the 15 'til 50 project – a nationally recognized best practice in healthcare mass casualty incident response planning. Chris is a certified healthcare safety and emergency management professional.



#### **COLE ROBERTS**

Principle, America Urban Energy Business Leader  
ARUP

Cole Roberts is a nationally recognized leader with over 25 years of experience in healthy high-performance buildings and communities, their planning, design, and infrastructure. In the past fifteen years, Cole and his team have honed their experience at the intersection of changing climate, energy infrastructure, and equity in support of community resilience, public health, and decarbonization goals. Beyond their work on individual buildings, Cole's team led the first solar+storage program design for a major US city, including innovative work on the 'economic valuation of resilience' inclusive of emergency preparedness impacts; worked closely with California communities on solar+storage program design & implementation, including energy assurance programs for medical baseline and electricity dependent residents; and supported the National Renewable Energy Laboratory, the State of Maryland, and US Department of Energy on Solar+Storage for critical facilities and community resilience. Cole's teamwork has helped clients to prioritize siting to serve community needs while avoiding high hazard areas and enabling utility interconnection. Cole led Arup's development of [www.solarresilient.org](http://www.solarresilient.org) which used advanced probabilistic modeling to help site owners assess the ability of the solar+storage system to support critical loads over multi-day outage periods. An additional focus of Cole's work has been enabling the design profession to "design for future climate", helping communities and building owners to safeguard health and economy through a climate ready built environment. To accomplish this, Cole's team partnered with a lead author of the IPCC and their team to bridge the divide between climate science and design practice, leading to the development of [www.weathershift.com](http://www.weathershift.com) which has used global climate models to shift historic data into future projected data for use by designers, policymakers, and owners since 2013.



#### **MARCIE ROTH**

Executive Director and Chief Executive Officer  
World Institute on Disability

Marcie Roth is Executive Director and CEO of the World Institute on Disability, advancing the rights and opportunities for 1.3 billion people with disabilities worldwide. She brings over 4 decades of leadership in global initiatives on equity,



accessibility, and inclusion focusing on sustainable development, disaster risk reduction, humanitarian action, climate justice, and community resilience for governments, corporations, health systems, and the United Nations. Appointed by President Obama to the U.S. Department of Homeland Security from 2009 to 2017, she served as Senior Advisor to the FEMA Administrator, establishing and directing the Office of Disability Integration and Coordination. Marcie represented the U.S. government internationally as an expert on whole community inclusive global disaster risk reduction and continues to serve as a global leader throughout implementation of the United Nations Sendai Framework for Disaster Risk Reduction 2015-2030 and the United Nations Disability Inclusion Strategy. Marcie launched and co-leads the Global Alliance for Disaster Resource Acceleration, closing the gaps in humanitarian assistance to crisis and disaster-impacted disability-led organizations across the world. Named by Forbes Magazine to their inaugural Fifty Over 50 Impact List, and by Women's eNews 21 Leaders for the 21st Century, Marcie chairs the US Department of Health and Human Services National Advisory Committee on Individuals with Disabilities and Disasters. She is the global civil society representative to the United Nations Early Warnings for All Initiative Advisory Panel, She serves on the Board of Directors of InterAction and as a member of the National Academies of Sciences, Engineering, and Medicine Forum on Medical and Public Health Preparedness for Disasters.



**SAMI SAYDJARI**

Research Scientist, Analyst, and Engineer  
Department of Computer Science  
Dartmouth College

Sami Saydjari is a distinguished cybersecurity expert with over four decades of experience in securing high-value systems across government, academic, and industry sectors. Currently a Lecturer in Cybersecurity at Dartmouth College, he teaches both undergraduate and graduate courses on Security Engineering within the Department of Computer Science. His commitment to education and mentorship is further demonstrated through his teaching at Johns Hopkins University, where he earned the Distinguished Instructor Award in 2023. Mr. Saydjari's career is marked by leadership roles that have shaped cybersecurity practices at the national level. At DARPA, he served as Program Manager for the Information Assurance Program, overseeing advanced research initiatives and securing millions in funding to drive innovations in defense cybersecurity. His expertise in strategic cybersecurity extends to his work as a Strategic Cybersecurity Advisor for NASA's Jet Propulsion Laboratory, where he ensures robust security measures for spacecraft and ground systems involved in robotic space missions. In 2002, Mr. Saydjari founded the Cyber Defense Agency, an organization dedicated to developing advanced cybersecurity technologies and defense strategies for critical infrastructure protection. Under his leadership, the agency has cultivated strategic partnerships with government and industry stakeholders, further establishing Mr. Saydjari as a leading voice in the field. An accomplished author, Mr. Saydjari has published extensively on cybersecurity. His influential book, *Engineering Trustworthy Systems*, presents a principled approach to designing secure systems, and he continues to contribute to top journals such as IEEE's *Security and Privacy Journal*. He holds professional affiliations that underscore his dedication to cybersecurity policy and standards, including his role as President of Professionals for Cyber Defense. Mr. Saydjari holds an M.S. in Computer Science from Purdue University and a B.S. in Electrical Engineering from Rice University.

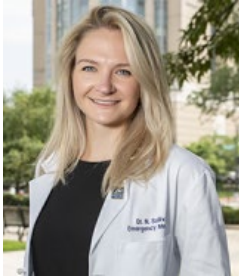


**WILLIAM R. (BILL) SEED**

Senior Vice President, Facilities Design and Construction  
Jackson Health Systems

Bill Seed has spent over 35 years in the construction related industry, 30 years specifically dedicated to health care. He earned his Bachelor of Science in Mechanical Engineering from the University of Akron, Ohio in 1990. Bill is now consulting with Jackson Health System, having completed the \$1.5 Billion Jackson Miracle-Building Bond program, a 5-year capital plan to enhance the patient care experience through renovation, expansion, and 2 new hospital facilities for the Public Safety Net Health System in Miami Dade County. He spent 2 years helping Walt Disney Imagineering transform their

project delivery model to Integrated Lean Project Delivery. While new to the entertainment industry, he used the skills developed in his prior roles to affect this change. Prior to Disney, Bill spent 7 years overseeing \$ 3 billion of construction and design activities for Universal Health Services, Inc. He and his various teams have developed over 2000 new Behavioral Health beds including 4 green field campuses, 5 new Medical Acute Care hospitals, and numerous large and smaller facility enhancements. Most of these projects utilized ILPD methods and contracts and have shown phenomenal results. Bill was inducted as a member of the National Academy of Construction in 2014, past Chair and Member of the Board of Directors of the Lean Construction Institute, the winner of the LCI Pioneer award in 2012, and an active owner advocate and Author of 2 books for the implementation of Integrated Lean Project Delivery.



#### **NATALIE SULLIVAN**

MFA Site Director, DC VAMC ED  
Asst Program Director, GW Disaster and Operational Medicine Fellowship  
Assistant Professor, Emergency Medicine  
George Washington University Hospital

Natalie Sullivan is an Assistant Professor of Emergency Medicine and the Assistant Director for the Disaster and Operational Medicine Fellowship at GW. She divides her clinical time between the GW University Hospital and the DC Veterans Affairs Medical Center, where she is the MFA ED Site Director. She completed a Fellowship in Disaster and Operational Medicine (DOM) and a graduate certificate in Homeland Security and Emergency Management at GW. Outside of the ER, Dr. Sullivan provides medical direction at large mass gathering events in the DC area and serves as the Medical Director of the GW MFA Event and Operational Medicine EMS. She is also a Medical Manager on the VA-1/USA-1 Urban Search and Rescue Task Force and the Medical Director for the GW Emergency Response Group, a volunteer collegiate EMS organization. Dr. Sullivan's academic interests include disaster emergency management, medical cybersecurity, and prehospital emergency medical care.



#### **NATHAN WEED**

Chief of Resiliency and Health Security  
Washington State Department of Health

Nate Weed serves as the Chief of Resiliency and Health Security at the Washington State Department of Health. In this role Mr. Weed provides statewide leadership for the ongoing development of public health and medical emergency response capabilities and community resilience and he leads the department's emergency response teams. Mr. Weed holds a Bachelor of Arts from the University of Wyoming and a Master of Public Health from Tulane University School of Public Health and Tropical Medicine. Throughout his career, Mr. Weed worked in local, state, and federal public health roles leading emergency response teams in many emergencies including the COVID-19 pandemic, the H1N1 pandemic, wildland fires, mass casualty incidents, environmental health events, West Nile Virus and St. Louis encephalitis outbreaks, foodborne and waterborne illness outbreaks, and multiple Gulf Coastal hurricanes including Hurricanes Katrina and Maria.



#### **AMBER WIRTH**

Vice President and Director of Sustainability  
HKS

Amber Wirth is HKS' firmwide Director of Sustainability leading the DesignGreen team to improve the firm's environmental impact through design excellence and performance on projects with 20 years of industry experience. She believes it is our fundamental responsibility to care for our common home, and the ripple effects of individual acts of service, sustainability, and stewardship. She is the chair of the American Institute of Architects Academy of Architecture for Health Sustainability Committee working to elevate social and environmental impacts industry wide.