

# M&S LEADERSHIP SUMMIT



24 February 2020

Lexington Hotel & Conference Center

Jacksonville, FL

[TrainingSystems.org/MSSummit](https://TrainingSystems.org/MSSummit)

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## WHO WE ARE

The National Training & Simulation Association (NTSA) provides the training, simulation, related support systems and training services industries a focused, formal organization to represent and promote their business interests in the market place. NTSA provides a forum to communicate the full capability and broad characteristics of all the elements of training systems and services to include associated support services. NTSA is an affiliate of National Defense Industrial Association (NDIA). NDIA is America's trusted leader in defense and national security associations.

The Modeling & Simulation Leadership Summit is an event sponsored by the National Training and Simulation Association (NTSA) in support of the Modeling and Simulation Congressional Caucus. The purpose of the event is to bring the M&S Community of Practice together to discuss important issues related to Modeling and Simulation, and to work towards a consensus on one or two specific, actionable initiatives for the Congressional M&S Caucus.

The 2020 M&S Leadership Summit on 24 February 2020 in Jacksonville, FL, will highlight the exciting initiatives related to Patient Safety and Healthcare in Modeling & Simulation. Members of the Congressional M&S Caucus will be in attendance, along with other congressional staffers. Keynotes and panels will feature visionaries in patient safety initiatives in healthcare in addition to scalable best practices.

## THANK YOU TO OUR SPONSORS AND EXHIBITORS



## MONDAY, 24 FEBRUARY 2020

0730 – 1700

### **REGISTRATION**

GRAND BALLROOM FOYER

0730 – 0845

### **CONTINENTAL BREAKFAST**

STARBOARD

0845 – 0850

### **CALL TO ORDER**

WINDWARD

**Dr. Linda Brent**

Strategic Planning, National Training & Simulation Association

0850 – 0900

### **OPENING REMARKS**

WINDWARD

**RADM James A. Robb, USN (Ret)**

President, National Training & Simulation Association

0900 – 0945

### **CONGRESSIONAL KEYNOTE ADDRESS**

WINDWARD

**The Honorable Bobby Scott**

U.S. Congress, 3rd District of Virginia

**The Honorable Jack Bergman**

U.S. Congress, 1st District of Michigan

0945 – 1000

### **NETWORKING BREAK**

GRAND BALLROOM FOYER

1000 – 1030

### **KEYNOTE ADDRESS**

WINDWARD

**Mary Patterson, MD, MEd**

Associate Dean of Experiential Learning, Lou Oberndorf Professor in Healthcare Technology, University of Florida

1030 – 11:45

## **PANEL DISCUSSION – ORGANIZATIONAL CHANGE TO PROMOTE PATIENT SAFETY: BEST PRACTICES**

WINDWARD

### **Robert Armstrong**

Executive Director, SCSIL, Eastern Virginia Medical School  
*Moderator*

### **Jennifer Arnold, MD, MSc, FAAP**

Medical Director, Simulation Center  
Johns Hopkins All Children's Hospital

### **Bre Banks, Ph.D.**

Director of Clinical Education  
Centerstone Research Institute

### **Jennifer Cowart, MD**

Assistant Professor of Medicine  
Mayo Clinic Florida  
Internist, Pharmacologist  
Mayo Hospital System

### **Paul Phrampus, MD, FACEP, FSSH, CPPS**

Medical Director, Patient Safety, UPMC Health System

### **Ginny Riggall, DNP, RN, ACCNS-AG, CHSE**

Clinical Practice Consultant for Simulation and TeamSTEPPS  
Kaiser Permanente Northern California Regional Risk and Patient Safety

### **LCDR Rachel Slayton, USPHS, Ph.D. MPH**

Mathematical Modeling Unit Lead  
Division of Healthcare Quality Promotion  
Centers for Disease Control and Prevention

1145 – 1245

## **LUNCH**

STARBOARD

1245 – 1315

## **KEYNOTE ADDRESS**

WINDWARD

### **Aaron Calhoun, MD, FAAP, FSSH**

Professor, Department of Pediatrics, University of Louisville and Norton Children's Hospital

1315 – 1445

## **PANEL DISCUSSION – MODELING AND SIMULATION TECHNOLOGIES TO ACHIEVE COMPETENCY-BASED OUTCOMES IN HEALTHCARE**

WINDWARD

### **Marjorie Zielke, Ph.D.**

Director, Center for Modeling and Simulation/Virtual Humans and Synthetic Societies Lab, University of Texas at Dallas  
*Moderator*

### **Linda Brown, MD**

Associate Professor, Pediatrics and Emergency Medicine  
Vice Chair, Pediatric Emergency Medicine  
Alpert Medical School of Brown University  
Director, Lifespan Medical Simulation Center

### **Chad Epps, MD**

Executive Director, Center for Healthcare Improvement and Patient Simulation, University of Tennessee Health Science Center  
President, Global Network for Simulation in Healthcare

### **Gary Geis, MD**

Medical Director, Center for Simulation and Research, Cincinnati Children's Hospital Medical Center

### **William Lewandowski**

Chief Operations Officer and Chairman, IVIR, Inc.

### **Connie Lopez, MSN, CNS, CPHRM, CHSE-A, FSSH**

Department of Clinical Education, Practice and Informatics, Kaiser Permanente Walnut Creek Medical Center

### **Jude Tomasello**

Deputy Project Manager, Joint Project Manager for Medical Modeling and Simulation  
Defense Health Agency

1445 – 1500 **NETWORKING BREAK**  
GRAND BALLROOM FOYER

1500 – 1615 **STRUCTURED GROUP DISCUSSION**  
BREAKOUT ROOMS

**Discussion Focus for Small Groups:**

1. What are the key elements of success to achieve organizational change and improve patient safety outcomes?
2. What are best practices for process improvement for patient outcomes?
3. Define objective(s) of a proposed pilot project legislation based on key elements of success
4. Review input to language that can be incorporated into legislation going forward

1615 – 1645 **OUT BRIEFS TO GROUP**  
WINDWARD

1645 – 1700 **CONGRESSIONAL KEYNOTE ADDRESS(ES)**  
WINDWARD

**The Honorable John Rutherford**  
U.S. Congress, 4th District of Florida

**The Honorable Stephanie Murphy (invited)**  
U.S. Congress, 7th District of Florida

1700 – 1715 **CLOSING AND THE WAY AHEAD**  
WINDWARD

1715 – 1845 **CLOSING RECEPTION**  
GRAND BALLROOM FOYER

NDIA has a policy of strict compliance with federal and state antitrust laws. The antitrust laws prohibit competitors from engaging in actions that could result in an unreasonable restraint of trade. Consequently, NDIA members must avoid discussing certain topics when they are together at formal association membership, board, committee, and other meetings and in informal contacts with other industry members: prices, fees, rates, profit margins, or other terms or conditions of sale (including allowances, credit terms, and warranties); allocation of markets or customers or division of territories; or refusals to deal with or boycotts of suppliers, customers or other third parties, or topics that may lead participants not to deal with a particular supplier, customer or third party.

# BIOGRAPHIES



## THE HONORABLE JACK BERGMAN

*Congressman*  
1st District of Michigan

Whether serving as a Three-Star General in the Marine Corps, carrying passengers

safely from one destination to another as a pilot for Northwest, or starting his own business in the medical equipment field, Jack Bergman has always been committed to serving others. He's always been mission- and results-motivated, and as Representative of Michigan's First Congressional District, that means supporting policies and practices that work for Michiganders.

Jack grew up in a small town and learned fast that living the American Dream means working hard and doing the right thing.

Those are the same values that guided him during his more than 25 years in concurrent military and private industry leadership roles, and they're the same values that are guiding him as he works for Michigan's First District in Congress.

The Bergman family roots in Michigan run deep—as early as the 1800s, Jack's ancestors were earning a living in the iron mines in the Upper Peninsula. After a series of moves required by his military career, Jack and his wife Cindy came back home to Michigan and settled in Watersmeet.

Jack is a Constitutional conservative who is adamant that public service should be about people and not about process. He believes that government's role is to protect individual rights, to secure a free market economy that creates jobs and opportunities for success, and to empower "We the People"—and not politicians or special interest groups—to make decisions about their lives and livelihoods.

Jack's first priority is serving his constituents, and he's working hard to leave a world that is better and safer for them and for his eight grandchildren.



## THE HONORABLE STEPHANIE MURPHY

*Congresswoman*  
7th District of Florida

U.S. Congresswoman Stephanie Murphy proudly represents Florida's Seventh

Congressional District in the U.S. House of Representatives. The district includes all of Seminole County and much of northern Orange County, including downtown Orlando, Maitland, Winter Park, and the University of Central Florida. She currently serves on the influential House Ways and Means Committee, where she is a

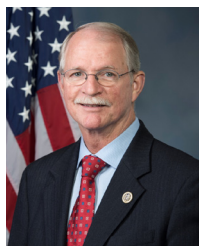
member of the Subcommittee on Trade and the Subcommittee on Worker and Family Support.

Previously, Congresswoman Murphy was a businesswoman and college instructor after serving as a national security specialist in the Office of the U.S. Secretary of Defense where she received numerous awards for her distinguished service, including the Secretary of Defense Medal for Exceptional Civilian Service. She worked on a wide range

of security issues from counterterrorism to foreign military relations to strategic planning for the department. Prior to her public service, Stephanie was a strategy consultant at Deloitte Consulting.

Congresswoman Murphy holds a M.S. in Foreign Service from Georgetown University and a B.A. in Economics from the College of William and Mary. She lives in Winter Park, Florida, with her husband and two young children.





## THE HONORABLE JOHN RUTHERFORD

*Congressman*  
4th District of Florida

John Rutherford (FL-04) is serving his second term in the U.S. House of

Representatives. He sits on the House Appropriations Committee where he serves on three subcommittees: Homeland Security, Military Construction and Veterans Affairs, and Transportation and Housing and Urban Development.

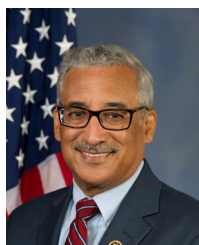
John has lived in Jacksonville, Florida since 1958, and attended Florida Junior College and Florida State University where he studied Criminology. He is a graduate of the FBI National Academy, 171st Session and the National Executive Institute. He began his

career in law enforcement in 1974 as a patrolman in the Jacksonville Sheriff's Office, working his way up through the JSO where he eventually served as Director.

In 2003, 2007, and 2011, John was elected Sheriff of Duval County. For three terms and twelve years, John ran a 3,200 employee office, and due to his effective leadership, homicide and overall violent crime in Jacksonville dropped to a 40-year low. Using a model of intelligence-led and community-based policing, John and his team of law enforcement professionals dramatically improved neighborhoods and prevented crime throughout the community. He also made the mental health component

of the criminal justice system a priority, reducing the recidivism rates of the mentally ill and facilitating their treatment. John also served as Chair of the Legislative Committee for Florida Sheriff's Association, where he advocated before the legislature for policies that strengthened constitutional rights, supported our law enforcement, and enhanced public safety across the state.

John has been happily married to his wonderful wife Pat for forty-six years. They enjoy their two children and six grandchildren, and they are also devoted members of Assumption Catholic Church in Jacksonville.



## THE HONORABLE BOBBY SCOTT

*Congressman*  
3rd District of Virginia

Congressman Robert C. "Bobby" Scott has represented Virginia's third congressional

district in the U.S. House of Representatives since 1993. Prior to his service in Congress, he served in the Virginia House of Delegates from 1978 to 1983 and in the Senate of Virginia from 1983 to 1993.

During his tenure in the Virginia General Assembly, Congressman Scott successfully sponsored laws critical to Virginians in education, employment, health care, social services, economic development, crime prevention and consumer protection. His legislative successes in the state legislature included laws that increased Virginia's minimum wage, created the Governor's Employment and Training Council and improved health care benefits for women, infants and children.

Congressman Scott has the distinction of being the first African-American elected to Congress from the Commonwealth of Virginia since Reconstruction and only the second African-American elected to Congress in Virginia's history. Having a maternal grandfather of Filipino ancestry also gives

him the distinction of being the first American with Filipino ancestry to serve as a voting member of Congress.

Congressman Scott currently serves as the Chairman of the Committee on Education and Labor. In this capacity, he is advancing an agenda that improves equity in education, frees students from the burdens of crippling debt, protects and expands access to affordable health care, ensures workers have a safe workplace where they can earn a living wage free from discrimination, and guarantees seniors have a secure and dignified retirement.

From 2015-2018, he served as the ranking member of what was then called the Committee on Education and the Workforce and developed a strong record of working across the aisle to pass critical legislation. In 2015, he was one of the four primary authors of the Every Student Succeeds Act, which reauthorized the Elementary and Secondary Education Act for the first time in 13 years and replaced the No Child Left Behind Act. Additionally, in 2017, he worked to secure passage of legislation to reform and update our nation's career and technical education system, as well as the juvenile justice system in 2018, which were both signed

into law by President Donald Trump. The latter legislation, the Juvenile Justice Reform Act, contained core tenets of Congressman Scott's Youth Prison Reduction through Opportunities, Mentoring, Intervention, Support, and Education (Youth PROMISE) Act, which he had introduced in every Congress since 2007.

As a part of his effort to provide universal health care for all, prior to the passage of the Affordable Care Act, Congressman Scott sponsored the All Healthy Children Act, which sought to ensure that millions of uninsured children in the United States have access to a comprehensive set of health care services.

Congressman Scott also serves on Committee on the Budget where he is a leading voice on fiscal policy and reducing the deficit. He was an ardent opponent of the 2001 and 2003 Bush-era tax cuts that were skewed towards the wealthiest Americans and contributed trillions to the national debt. He opposed the 2008 taxpayer-funded bailout of Wall Street, the 2013 Fiscal Cliff deal that permanently extended most of the Bush-era tax cuts, and President Trump's Tax Cuts and Jobs Act of 2017.



## NTSA LEADERSHIP

### RADM JAMES A. ROBB, USN (RET)

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*President*  
National Training and Simulation Association (NTSA)

Following graduation from Rensselaer Polytechnic Institute, designation as a Naval Aviator, and training in the F-14 Tomcat, Admiral Robb deployed nine times across the globe accumulating over 5,000 hours and 1,000 carrier landings. Following a tour flying Russian fighters in

the Nevada desert, he commanded Fighter Squadron Fifty One, Carrier Air Wing Nine, the Navy Fighter Weapons School (TOPGUN), and Carrier Strike Group Seven. As a Flag Officer he managed all Naval Aviation Programs (N980) and was the Director of Navy Readiness (N43). Following

9/11, he joined USCENTCOM as the Director of Plans (J5) deploying to the Middle East in support of combat operations.

Retiring in 2006, he built a successful small consulting business before joining the National Training and Simulation Association as President in June 2012.



## DR. LINDA BRENT

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*Chief Executive Officer*  
The ASTA Group, LLC

Dr. Brent has developed, established, and operated government-oriented businesses for the past 25 years. She manages a staff of senior professionals engaged in all aspects of business conduct with existing and emerging DoD-focused businesses. Dr. Brent also provides support to the National Training and Simulation Association (NTSA) for Strategic Planning, the I/ITSEC Conference Committee, liaison and support to the Modeling and Simulation Congressional Caucus, and Chair of the national committee for Science, Technology, Engineering and Mathematics (STEM) activities. She and her organization provide national, regional, and local support

for initiatives around the nation on the improvement of education for our nation's children and youth. Dr. Brent brings 25 years of experience in both the defense industry and other government agencies, has made numerous presentations at state, national and international conferences, and has conducted research and published papers in the areas of training, simulation, and psychology. Additionally, she is actively involved in numerous national and international professional organizations supporting the defense and educational solutions industry. She has held faculty and research positions at several leading universities and colleges, teaching courses in research design, human learning, training design, and

human factors. She also has been a research associate for the US Air Force in neural networking and adult learning/task management. Dr. Brent earned a BA and MS degree in Education/Psychology from Wittenberg University and Nazareth College of Rochester, respectively, and her EdD from the University of Rochester. and colleges, teaching courses in research design, human learning, training design, and human factors. She also has been a research associate for the US Air Force in neural networking and adult learning/task management. Dr. Brent earned a BA and MS degree in Education/Psychology from Wittenberg University and Nazareth College of Rochester, respectively, and her EdD from the University of Rochester.





## ROBERT ARMSTRONG

*Executive Director*  
SCSIL, Eastern Virginia Medical School

Immersive Learning at Eastern Virginia Medical School in Norfolk, Virginia. He is also the Program Director for the National Center for Collaboration in Medical Modeling

Bob Armstrong is Executive Director of the Sentara Center for Simulation and

and Simulation, as well as Director of Corporate Relations at the Medical School. Bob is the 2020 President of the Society for Simulation in Healthcare, an organization that fosters education, professional development, and advancement of research and innovation for a global community of practice. He also teaches in the Biotechnology and

Management Program within the Luter School of Business at Christopher Newport University in Newport News, Virginia. Bob is a graduate of the U.S. Naval Academy and Naval Postgraduate School, retiring from the U.S. Marine Corps as a Lieutenant Colonel in 2005 after a twenty-year career.



## JENNIFER ARNOLD, MD, MSc, FAAP

*Medical Director, Simulation Center*  
Johns Hopkins All Children's Hospital

She is passionate about the incorporation of simulation into healthcare as a tool to improve patient safety and outcomes. Dr. Arnold is currently the Medical Director of a state-of-the-art simulation center at Johns Hopkins All Children's Hospital in St. Petersburg, Florida.

Education: Dr. Arnold completed her undergraduate degrees in Biology and Psychology at the University of Miami in Florida. She then completed her medical degree at Johns Hopkins School of Medicine

Dr. Arnold is a neonatologist and healthcare simulation leader.

in Baltimore, MD and graduated in 2000. She attended a Pediatric Residency Program at Children's Hospital of Pittsburgh. During her fellowship in neonatology, she obtained a Master of Science in Medical Education from the University of Pittsburgh. She is Board Certified in Neonatal-Perinatal Medicine. She was a NIH postdoctoral scholar at the University of Pittsburgh School of Medicine's Safar Center for Resuscitative Medicine from July 2006-July 2007 (NIH Training Grant # T32 HD40686).

Accomplishments: Dr. Arnold has over 20 peer reviewed publications. She has spoken both nationally and internationally on healthcare simulation education and

has made numerous inspirational speeches for avenues such as the Texas Conference for Women, Shiners Hospital, March of Dimes and many more. She has received numerous awards including the Ray E. Helfer Award for innovation in medical education from the Academic Pediatric Association, Compassionate Doctor Recognition in 2010, 2011 and Patients' Choice Award for 2008, 2009, 2010, and 2011 from Vitals.com. She is an active member of the American Academy of Pediatrics, Academic Pediatric Association, Society for Simulation in Healthcare, the Children's Hospital Association, and has served as a national ambassador for Speak Now For Kids.



## BRE BANKS, PH.D.

*Director of Clinical Education*  
Centerstone Research Institute

Research Institute, an ancillary clinical and translational science organization within Centerstone of America, the nation's largest not-for-profit community behavioral health provider. In this work, Dr. Banks leads the strategic design, direction, implementation, and research and evaluation of clinical education initiatives across Centerstone's enterprise. Out of her dedication to innovation and the delivery of high quality care to patients who need it most, she is

Dr. Bre Banks is the Director of Clinical Education and Centerstone's

currently spearheading the development of the nation's first community-based simulation training center for behavioral health. Spurred from her doctoral dissertation work, which examined counselors' simulated behavioral response to patients at risk for suicide, Dr. Banks is an emerging leader in the development and advocacy for simulation-based education for behavioral health providers.

Dr. Banks holds a Bachelor of Arts in Psychology and Political Science, a Master of Arts in Clinical Mental Health Counseling, and a Doctor of Philosophy degree in

Counselor Education and Supervision from the University of Tennessee. She has over ten years of experience as a behavioral health translational scientist and clinician, having served in both leading and supporting roles in federal grant awards totaling over \$19 million. Her research and clinical expertise lies primarily within suicide prevention and intervention, including the development and implementation of treatment and simulation training for suicide-specific evidence-based psychotherapies. Dr. Banks has also held several academic appointments in counseling and counselor education masters and doctoral programs.



## LINDA BROWN, MD

*Associate Professor of Pediatrics and Emergency Medicine, Vice Chair of Pediatric Emergency Medicine, Alpert Medical School of Brown University  
Director, Lifespan Medical Simulation Center*

Linda L. Brown, MD MSCE is an Associate Professor of Pediatrics and EM and the Vice Chair of Pediatric Emergency Medicine for the Alpert Medical

School of Brown University. She is also the Director of the Lifespan Medical Simulation Center in Providence, Rhode Island. Over the past 15 years, she has led and participated in a wide variety of educational and research

programs using simulation to assess and improve pediatric preparedness in emergency departments and EMS agencies.



## AARON W. CALHOUN, MD, FAAP, FSSH

*Professor, Department of Pediatrics  
University of Louisville and Norton Children's Hospital*

Dr. Aaron Calhoun is a tenured professor in the Department of Pediatrics at the University of Louisville and an attending physician in the Just for Kids Critical Care Center at Norton Children's Hospital. He received his MD from Johns Hopkins University School of Medicine in 2001, completed his general pediatrics residency at

Children's Memorial Hospital/Northwestern University Feinberg School of Medicine in 2004, and completed his pediatric critical care fellowship at Children's Hospital of Boston/Harvard School of Medicine in 2007. Dr. Calhoun currently directs the SPARC simulation program at Norton Children's Hospital, and has numerous publications in the field of simulation and medical education. Dr. Calhoun is a member of the board of

directors for the Society for Simulation in Healthcare (SSH), serves as co-director of the INSPIRE Pediatric Simulation Research collaborative, and is a founding member of the International Simulation Data Registry (ISDR). Dr. Calhoun also serves as an associate editor for *Simulation in Healthcare*, the primary journal in the field of medical simulation. In 2017, Dr. Calhoun was inducted into the SSH Fellow's Academy.



## JENNIFER COWART, MD

*Internist, Pharmacologist  
Mayo Hospital System*

Dr. Jennifer Cowart is a hospitalist who joined Mayo Clinic in 2016. She completed residency and fellowship at Baylor College of Medicine in Houston, TX and holds board certifications in both internal medicine and clinical pharmacology. She also completed the Houston VA's Chief Residency in Quality

and Safety (CRQS) program. Since coming to Mayo, she has served on the Pharmacy and Therapeutics Committee, Risk Management Committee, and Clinical Practice Quality Oversight Committee. Since her appointment as Patient Safety Officer, she has chaired the Patient Safety Incident Review Group and oversees safety-related reportable metrics. She was also appointed the chair

of Mortality Review Subcommittee. She is an active educator in the internal medicine residency program, leading a curriculum in healthcare policy and advocacy. She has an interest in multidisciplinary education, including simulation, to improve team dynamics and outcomes.



## CHAD EPPS, MD

*Executive Director, Center for Healthcare Improvement and Patient Simulation (CHIPS)  
University of Tennessee Health Science Center  
President  
Global Network for Simulation in Healthcare*

Chad Epps, MD, CHSE, FSSH is the Executive Director of the Center for Healthcare Improvement and Patient Simulation (CHIPS), a 45,000 square foot stand alone simulation building at the University of Tennessee Health Science Center where he also holds rank of Professor in the Departments of Anesthesiology and

Interprofessional Education. Dr. Epps trained in Anesthesiology and completed a fellowship in Healthcare Simulation at the Mount Sinai Medical Center in New York City. As a fellow, faculty, and director of healthcare simulation he has been active in simulation education, research, assessment, center management, and integration of simulation into healthcare systems for the past 15 years. He is past

President of the Society for Simulation in Healthcare, past Chair of the Council on Accreditation of Healthcare Simulation Programs, and currently serves as the President of the Global Network for Simulation in Healthcare. He is published in multiple areas of healthcare simulation and co-edited the textbook *Defining Excellence in Simulation Programs* (Lippincott Williams & Wilkins).



## GARY GEIS, MD

*Medical Director, Center for Simulation and Research  
Cincinnati Children's Hospital Medical Center*

Dr. Gary Geis is a Professor of Pediatrics at the University of Cincinnati, where he has been an Emergency Medicine physician for 20 years. He is the Medical Director of the Center of Simulation and Research

at Cincinnati Children's Hospital Medical Center, as well as the Program Director for the Medical Simulation Fellowship. He has been involved in Medical Simulation for 16 years, with academic and research foci of patient safety, systems evaluation and integration, procedural training and pediatric

resuscitation. He has been externally funded in research by the Agency for Healthcare Research and Quality, National Institutes of Health, Laerdal Foundation, Association of American Medical Colleges and Ohio Emergency Medical Services.



## WILLIAM E. LEWANDOWSKI

*Chief Operations Officer and Chairman  
IVIR Inc.*

Mr. Lewandowski is currently Chair of the Board and Chief Operations Officer of IVIR Inc. He has over 31 years of experience in the design, development, implementation and evaluation of simulation in the aviation, defense and medical industries. Mr. Lewandowski has published and presented in a number of international

peer-reviewed venues on both simulation and instructional design and has served in an advisory capacity on these subjects to various U.S. and International clinical boards and societies. Mr. Lewandowski is a retired U.S. Army Lieutenant Colonel and a graduate of the U.S. Army Command and General Staff College. He holds a Master of Science degree in instructional and performance technology from Boise State University

and pursued postgraduate study in Health Sciences at the University of Liverpool. Mr. Lewandowski's professional affiliations include the National Defense Industrial Association, the Simulation Interoperability Standards Organization and the Society for Simulation in Healthcare (SSH) on which he has served as a member of the Board of Directors and the Chair of the Corporate Council.



## CONNIE LOPEZ, MSN, CNS, CPHRM, CHSE-A, FSSH

*Department of Clinical Education, Practice and Informatics  
Kaiser Permanente Walnut Creek Medical Center*

Connie Lopez is the Perinatal Clinical Nurse Specialist and Simulation Lead for Kaiser Permanente's Walnut Creek Medical Center. She led Kaiser Permanente's National Risk Education and Healthcare Simulation Programs for 10 years. Ms. Lopez has

15+ years' experience researching and implementing simulation-based educational programs in the clinical setting and has focused her simulations on improving teamwork and communication of practicing clinicians. Connie has presented perinatal, patient safety and simulation related topics nationally and internationally over the

past thirteen years. She is a member of the Association for Nursing Professional Development, the Association of Women's Health Obstetrics and Neonatal Nursing and the Society for Simulation in Healthcare and has chaired educational events at both national and international conferences.



## MARY D. PATTERSON, MD, MEd

*Associate Dean of Experiential Learning, Lou Oberndorf Professor in Healthcare Technology  
University of Florida*

Mary Patterson MD, MEd is a pediatric emergency medicine physician and the Associate Dean of Experiential Learning and the Lou Oberndorf Professor of Healthcare Technology at the University of Florida where she directs the Center For Experiential Learning and Simulation. She is past-

president of the Society for Simulation in Healthcare and has served on the BOD for the Society of Simulation in Healthcare and the International Pediatric Simulation Society.

Mary completed pediatric training at Nationwide Children's Hospital and a pediatric emergency medicine fellowship at Children's National Medical Center. Mary has completed a Master's in

Education at the University of Cincinnati and a Patient Safety Fellowship at Virginia Commonwealth University.

She is a federally funded investigator in simulation, team performance and patient safety and publishes in the areas of patient safety, team performance, and human factors.



## PAUL E. PHRAMPUS, MD, FACEP, FSSH, CPPS

*Medical Director, Patient Safety*  
UPMC Health System

Dr. Phrampus is the Director of the Peter M. Winter Institute for Simulation, Education and Research (WISER). He is a Professor in the Departments of Emergency Medicine and Anesthesiology of the University of Pittsburgh School of Medicine. He is the Medical Director of Patient Safety for the UPMC Health System and serves on the Quality Patient Care Committee of the Board of Directors. He is a Certified Professional in Patient Safety. He is a member of the Academy of Master Educators of the University of Pittsburgh School of Medicine and one of the inaugural fellows, and Past-President of the Society for Simulation in Healthcare.

Dr. Phrampus earned a bachelor degree in biology from Old Dominion University, and an M.D. degree from Eastern Virginia medical school in Norfolk, Virginia. He completed residency training and board certification in Emergency Medicine at the University of Pittsburgh.

Dr Phrampus has been leading WISER since 2006 and has been a teaching faculty at the Institute since 1998. WISER serves as the hub of simulation and educational infrastructure serving the UPMC Health System as well as the University of Pittsburgh's Schools of Health Sciences with a main campus and eight satellite centers. WISER has been accredited by the Society for Simulation in Healthcare in all content areas including teaching, assessment,

research and systems integration. It was the one of the first centers in the world to be accredited in all areas. He is a co-author of the world-renowned faculty development course for simulation-based education called Improving Simulation Instructional Methods (iSIM) which has been taught in over fourteen countries.

Dr. Phrampus serves in numerous leadership roles in national and international simulation and patient safety efforts. He serves on the editorial board of the journal Simulation in Healthcare. He has previously chaired the International Meeting for Simulation in Healthcare, which is the largest multidisciplinary simulation meeting in the world.



## VIRGINIA RIGGALL, DNP, RN, ACCNS-AG, CHSE

*Clinical Practice Consultant for Simulation and TeamSTEPPS*

Kaiser Permanente Northern California Regional Risk and Patient Safety

developed interprofessional simulation

Virginia Riggall is an Adult-Gerontology Clinical Nurse Specialist who has

programs to improve patient safety and team dynamics in practice and academic environments. In her current role as a Clinical Practice Consultant for Northern California Kaiser Permanente's Regional

Risk and Patient Safety Department, she develops programs with teams to reduce and prevent harm by incorporating simulation and TeamSTEPPS into trainings across the region.



## LCDR RACHEL SLAYTON, USPHS, PH.D. MPH

*Mathematical Modeling Unit Lead, Division of Healthcare Quality Promotion*  
Centers for Disease Control and Prevention

LCDR Rachel Slayton, PhD, MPH, is the lead of the Mathematical Modeling Unit in the Centers for Disease Control and Prevention's Division of Healthcare Quality Promotion. Dr. Slayton is the Scientific Director of the Modeling Infectious Diseases in Healthcare (MIInD-Healthcare) network. She is interested

in developing and utilizing mathematical models and simulation tools to assist in timely public health decision making.

She holds a B.S. in cell and molecular biology from Tulane University, and M.P.H. and Ph.D. degrees in epidemiology from the University of Pittsburgh. Dr. Slayton joined CDC in 2011 as an Epidemic Intelligence Service Officer in the Division of Foodborne, Waterborne, and Environmental Diseases.

She has co-authored over 60 peer-reviewed journal articles and has received numerous awards for her work including 3 CDC Director's Honor Awards for Excellence in Quantitative Sciences. Her group's work focuses on developing mathematical models to better understand the transmission and prevention of multidrug resistant organisms and healthcare associated infections.





## JUDE TOMASELLO

*Deputy Joint Project Manager for Medical Modeling and Simulation (JPM MMS)*  
Defense Health Agency

Mr. Jude Tomasello currently works as the Deputy Joint Project Manager for Medical Modeling and Simulation (JPM MMS) under the Defense Health Agency (DHA). He leads and manages teams working a diverse medical simulation portfolio across the Military Healthcare Enterprise. His office is responsible for total lifecycle acquisition of medical simulation products and services to DHA stakeholders, Uniformed Services, and Coalition Partners across the continuum of care.

Prior to this assignment, he was the Deputy Project Lead for the Program Executive Office for Simulation, Training,

and Instrumentation (PEO STRI), Field OPS from May 2007 to Oct 2016. In this role, he provided leadership and management for up to six Product Leads, each with staff of 10 – 20 personnel overseeing the Warfighter FOCUS \$11.2B, ten year worldwide Army Training Aids, Devices, Simulators, and Simulations (TADSS) sustainment contract.

Before becoming the Field OPS Deputy, he was the Lead Project Director for Virtual Training where he oversaw the worldwide Life Cycle Support Contracts that operate, maintain, and sustain the Army's Virtual TADSS. He has been with PEO STRI (formerly STRICOM) in various capacities since 1995 working in the Engineering Directorate as a Lead Systems Engineer; in

PM Combined Arms Tactical Trainers (PM CATT) as a Project Director; and in Field OPS on various aspects of Live, Virtual, and Constructive simulation and training systems and services.

Mr. Tomasello is a recipient of the US Army's Simulation for Modeling, Acquisition, Requirements, and Training (SMART) Award and has a B.S. in Electrical Engineering from Lamar University, a Masters of Business Administration from Webster University, and is a graduate of the Army Management Staff College Advanced Course and the Defense Systems Management College Program Manager's Course. He is DAWIA Level III certified in both the SPRDE and PM career fields.



## MARJORIE A. ZIELKE, PH.D.

*Director, Center for Modeling and Simulation/Virtual Humans and Synthetic Societies Lab*  
University of Texas, Dallas

Marjorie Zielke, Ph.D., is Director of the Center for Modeling and Simulation/Virtual Humans and Synthetic Societies Lab and Research Professor at the University of Texas at Dallas. She focuses on virtual humans and learning portals and is PI on several innovative simulation research projects in medicine/health, education and military/law

enforcement. She has numerous research projects through NIH, The University of Texas Southwestern Medical Center, Southwestern Medical Foundation, the Texas Department of Transportation, the American Medical Association and NSF. The Center's projects have won first place for faculty twice at the International Meeting for Simulation in Healthcare (IMSH), the U.S. Army's Modeling and Simulation Training Team Award as part

of the HINT Federation, the government category in the I/ITSEC Serious Games Competition, the NTSA Cross-Functional Simulation Award and the NTSA award for Education and Human Performance. Dr. Zielke recently served a Donovan fellowship with the Special Operations Command and is a member of the National Modeling and Simulation Coalition policy committee.



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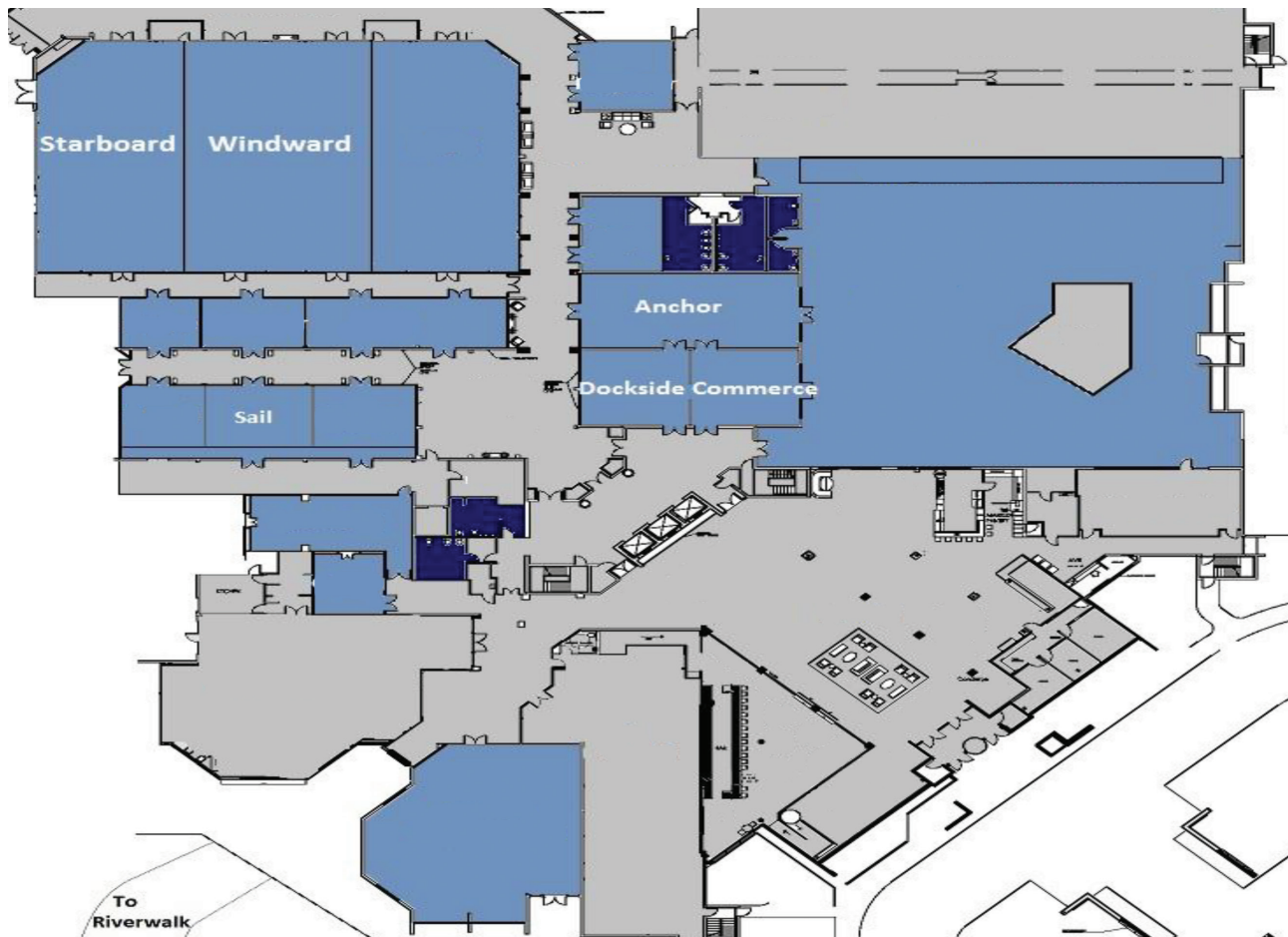
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*\* denotes members of the Congressional M&S Caucus | \*\* denotes Caucus Co-Chair*

## VENUE MAP



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# NOTES

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## 2020 SCHEDULE OF EVENTS

TRAININGSYSTEMS.ORG



### M&S Leadership Summit

February 24, 2020

Jacksonville, FL

### Capitol Hill M&S Expo

July 2020

Washington, DC



### IT²EC 2020

April 28 – 30, 2020

ExCeL, London, UK

### iFEST 2020

August 17 – 19, 2020

Alexandria, VA

### MODSIM World 2020

May 5 – 7, 2020

Norfolk, VA

### Interservice/Industry Training, Simulation & Education Conference (I/ITSEC) 2020

November 30 – December 4, 2020

Orlando, FL

### 2020 Simulation & Training Community Forum

May 12, 2020

Fairborn (Dayton), OH



### Training & Simulation Industry Symposium (TSIS) 2020

June 17 – 18, 2020

Orlando, FL



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