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WELCOME ATTENDEES OF I/ITSEC 2023!

Welcome to I/ITSEC 2023! It's been quite a journey to get this amazing conference ready for all attendees. I, along with Program Chair, Dr. Anne Little, the lead service, led by the Program Executive Officer for Simulation, Training and Instrumentation (PEO STRI), Ms. Karen D. H. Saunders, SES, (USA), Service Principal Ms. Debra Dawson (USA), and RADM James Robb, USN (Ret.), President, National Training and Simulation Association (NTSA) have worked diligently with the conference committee to put together a program rich in content and deep in expertise, across a broad range of topics.

There are many other folks who have put in tireless efforts such as service executives Captain Tim James (USN), Colonel Marcus Reynolds (USMC), Colonel Matt Ryan (USAF), and Gregory Knapp (OSD) as well as service principals Mr. Kent Gritton (USN), Ms. Carol Byers-Bendle (USMC), Mr. Heath Morton (USAF), and Mr. Frederick Engle (OSD). I also want to recognize the 300+ volunteers from industry, government, and academia, as well as the incredible staff at the NTSA, led by Ms. Debbie Langelier, who devote their time to put this incredible event together. The work started the day after I/ITSEC 2022 and continued throughout the 2023 calendar year as we moved from reviewing initial submissions for papers, tutorials, workshops, and special events to finalizing the exact days and times of each session and/or event. I can't thank the entire team enough for their tireless efforts and support. All together we have developed a content-rich and engaging program of which I am extremely proud.

This year's theme, *Sustaining a Global Force in a Digital World*, will carry through many of the offerings at the conference. In our current world, technological advancements seem to be coming out almost daily. From Generative Artificial Intelligence (AI) to extended reality (XR), our increasingly connected and digital world seems to be throwing capabilities and challenges at us at breakneck speed. This leads to some difficult questions that the M&S community must rise to answer. How do we keep our warfighters prepared? What are we doing today in testing, training, and information operations that gives us a technological edge over our adversaries? How do we maintain superiority in a multi-domain operational environment? How do we maintain our readiness while simultaneously continuing to modernize? While predicting the future seems absurd in our current time of technological disruptions, it must continue to be done. The actions we take today will influence our results in the future. Even through all the advancements, we must put people first with a focus on technological developments in the context of increasing the capabilities of our warfighters and first responders.

I/ITSEC is the event where the challenges, people, technologies, and innovative methods come together. While much of the focus is on our warfighters and first responders, nothing advances without an effective synergy between people from government, industry, and academia. All of your different perspectives are critical to addressing the challenges in engineering, medicine, manufacturing, education, psychology, etc. for our warfighters, first responders, and society. As you see old friends and make new acquaintances this week, share your knowledge and insights so we can continue pushing modeling and simulation (M&S) to new levels.

Welcome to I/ITSEC 2023!

Eliot Winer, Ph.D.
2023 I/ITSEC Conference Chair

WELCOME ATTENDEES OF I/ITSEC 2023!

Welcome to I/ITSEC – the world's largest modeling and simulation (M&S) event. This year's conference provides a full five-day program. In the pages that follow, you will find opportunities to hear from leaders investigating the latest challenges and developments within our community. As you examine what is offered, I'm sure you will see why I/ITSEC 2023 is the place to be.

This year's lead service, the United States Army, in collaboration with NTSA, the Service Executives and Principals, and the combined total of more than 300 volunteers from industry, government, and academia have worked the last year to prepare this program. Our theme, *Sustaining a Global Force in a Digital World*, directs our community to consider the human within digital environments and how digital technologies support global military readiness. We are challenged to use human-centered approaches to implement digital advancements that improve future training systems. We are also challenged to consider sustainability from multiple perspectives; disruptive technologies that deliver a future capability today must not hinder the capabilities of tomorrow. Our program provides hundreds of opportunities to engage in all aspects of this theme.

Please take some time to create your personal itinerary to maximize your engagement over the week. Monday kicks off with 31 Tutorials. These skill-building sessions are 90-minutes and this year's topics include Learning Engineering, Generative AI, and many others. We also offer Tutorials focusing on foundational topics, so if you are new to our community, you can find value attending Tutorials discussing LVC, M&S Verification and Validation, and xAPI Essentials.

Monday also kicks off the first of 42 special events with the Congressional M&S panel. This is annually a standing-room only event to hear from the Congressional Caucus. Members discuss their perspective on the situation in Washington and how they make the case for timely investments in M&S.

You will not want to miss the opening ceremonies on Tuesday morning to hear from our keynote speakers from the U.S. Army and Dr. Douglas Bowman, the Director of the Center for Human-Computer Interaction at Virginia Tech. This will be followed by our Senior Leader Panel of representatives from U.S. Military Services and OSD. This panel will discuss opportunities and challenges of accelerating technology as our collective services continue to prepare for a wide array of missions from disaster assistance to the return of great power competition.

The 147 Paper Sessions offered Tuesday, Wednesday, and Thursday pack information from a series of topics across six content tracks into 20-minute presentations. Each delivers current findings in critical areas such as cyber, AI, mixed reality, and how they support training and other readiness initiatives. Attendees have a unique opportunity to hear new perspectives on emerging technologies, including what has been uncovered by the latest research or implications to policy. Be sure to attend our Best Paper nominee presentations on Tuesday afternoon.

This year's slate of Special Events includes Signature Events that may be familiar if you have attended the conference before – particularly the Service's Flag and General Officer panels, and the I/ITSEC Fellows presentation. Service acquisition officials will brief opportunities for industry, and we have added a new Senior NCO panel to discuss operational readiness and mission rehearsal. The "Next Big Thing" events will again include a series of panels discussing government CTO's and CLO's visions for the future, 5G and NextG, and accelerating the adoption of AI for MS&T.

Be sure to plan enough time to walk the exhibit hall – approximately 200,000 square feet with over 450 companies, the Cyber Pavilion, Serious Game Showcase, and the EcosySTEM of Learning booths.

I/ITSEC closes with eight Professional Development Workshops on Friday. Each half-day event provides an in-depth treatment of a current, relevant topic. Consider attending to learn about AI for simulation-based training, serious game design, or how to prepare for the Certified Modeling and Simulation Professional exam.

Finally – did you know there is an I/ITSEC 2023 app? The entire program is available there. You can use it to highlight sessions you want to attend, companies you want to see, and network with other members of this great community. It's a great tool to help you see everything of interest to you.

Have a great week!

Anne Little, Ph.D.
I/ITSEC 2023 Program Chair

U.S. ARMY FIRESIDE CHAT

MODERATOR

HON. KATHARINA "KATRINA" G. McFARLAND, PH.D.
Vice Chair, Army Science Board
Former Assistant Secretary of Defense for Acquisition
Former Acting Assistant Secretary of the Army (Acquisition, Logistics & Technology)

HON. DOUGLAS R. BUSH
Assistant Secretary of the Army (Acquisition, Logistics and Technology)

SPEAKERS

THE HONORABLE DOUGLAS R. BUSH was confirmed by the United States Senate as the Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA(ALT)) on February 9, 2022. He took office on February 11, 2022. In this position, he serves as the Army Acquisition Executive, the Senior Procurement Executive, the Science Advisor to the Secretary of the Army, and the Army's Senior Research and Development official. He also has principal responsibility for all Department of the Army matters related to logistics. Mr. Bush leads the execution of the Army's acquisition function and the acquisition management system. His responsibilities include providing oversight for the life cycle management and sustainment of Army weapon systems and equipment from research and development through test and evaluation, acquisition, logistics, fielding, and disposition. He is also responsible for appointing, managing, and evaluating program executive officers and managing the Army Acquisition Corps and Army Acquisition Workforce. In addition, he oversees the Elimination of Chemical Weapons program. From March 8, 2021 to September 24, 2021, Mr. Bush served as the Acting Assistant Secretary of the Army for Acquisition, Logistics and Technology (ASA(ALT)) following his appointment as the Principal Deputy Assistant Secretary of the Army for Acquisition, Logistics and Technology. From 2019-2020, Mr. Bush served as the Deputy Staff Director of the House Armed Services Committee (HASC). In this position, he managed all aspects of HASC administrative and legislative operations, including committee personnel and operations, emergency and safety procedures, the committee's budget, member and staff travel, and classified information management. He oversaw operations of 70 members of House Armed Services Committee staff working in support of 57 members of Congress serving on committee responsible for oversight of the Department of Defense. From 2007-2019, as a Professional Staff Member of the HASC, Mr. Bush was the lead staff member responsible for analysis and oversight of a wide range of Army, Marine Corps, Air Force, and Navy combat system acquisition programs, with a focus on minimizing cost growth, delays, and shortfalls in delivered capability. Aviation programs overseen included fighter and reconnaissance aircraft, unmanned aerial systems, and air-launched missiles and munitions. Ground systems overseen included tanks, infantry fighting vehicles, amphibious systems, ammunition, small arms, and communications/network equipment programs.

GENERAL GARY M. BRITO, USA
Commanding General, U.S. Army Training and Doctrine Command (TRADOC)

GENERAL GARY M. BRITO assumed duties as the 18th Commanding General, United States Army Training and Doctrine Command (TRADOC), on September 8, 2022. He is responsible for building and sustaining a highly trained, disciplined, and fit Army by: acquiring the best people, training the most lethal Soldiers, developing the most professional leaders, guiding the Army's culture, and shaping the future force. General Gary M. Brito is a native of Hyannis, Massachusetts, commissioned as an Infantry Officer through Penn State University, and entered active duty in March 1987. He is a graduate of the Infantry Officer Basic and Advanced courses, Airborne and Ranger Schools, Combined Arms Staff Services School, Command and General Staff Officers Course, and Senior Service College at the Joint Advanced Warfighting School (JAWS), Norfolk, Virginia. He holds a Bachelor of Science degree in Community Studies from Penn State University, a master's degree in Human Resource Management from Troy State University, and a second master's degree in Joint Strategy and Campaign Planning from the Joint Advanced Warfighting School. He is also a graduate of the MIT Seminar XXI Program. General Brito has served in a variety of command and staff assignments throughout his career. Previous assignments include: U.S. Army's 49th Deputy Chief Staff, G-1; Commanding General, Joint Readiness Training Center (JRTC) and Fort Polk; Deputy Commanding General for Sustainment, then later Operations, 25th Infantry Division; Director, Force 2025 and Beyond, US Army Capabilities and Integration Center (ARCIC), TRADOC; and Operations Officer (G3) for III Corps, Fort Hood, Texas. In that capacity, he deployed and served as the Deputy Director, Afghanistan National Security Forces (ANSF) Development, International Security Assistance Force (ISAF) Joint Command in Kabul, Afghanistan; Commander, 120th Infantry Brigade, First Army; Commander, 1st Battalion, 15th Infantry Regiment, 3d Brigade, 3d Infantry Division; Operations Officer (S3), 2d Battalion, 8th Infantry Regiment; and later as the Brigade Operations Officer (S3), 2d Brigade, 4th Infantry Division. Additionally, he served as the Aide-de-Camp to the III Corps Commanding General, Fort Hood, Texas; and Chief, Commander's Planning Group (CPG) and interim Executive Officer to the Commanding General, TRADOC. He has twice served at the National Training Center, Fort Irwin, California: first as a Company/Team and Battle Staff Observer/ Controller and later as a Senior Battalion and Brigade Combat Team Trainer. He served in multiple company grade positions at Fort Benning, Georgia, and has deployed to both Iraq and Afghanistan. His awards and decorations include the Distinguished Service Medal (with 1 Bronze Oak Leaf Cluster), Legion of Merit (with Silver Oak Leaf Cluster), Bronze Star Medal (with 1 Bronze Oak Leaf Cluster), Defense Meritorious Service Medal, Army Commendation Medal for Valor, Army Commendation Medal (with 4 Bronze Oak Leaf Clusters), Combat Infantryman Badge, and the Expert Infantryman Badge.

INDUSTRY KEYNOTE

DOUG A. BOWMAN, PH.D.
Frank J. Maher
Professor of Computer
Science, Virginia Tech

DOUG A. BOWMAN, PH.D., is the Frank J. Maher Professor of Computer Science and Director of the Center for Human-Computer Interaction at Virginia Tech, where he has served as a faculty member since 1999. He is the principal investigator of the 3D Interaction Group, which performs fundamental research on the topics of three-dimensional user interfaces, user experience in virtual reality (VR) and augmented reality (AR), and the benefits of immersion in virtual environments, in addition to projects applying VR/AR to domains as diverse as construction, history, education, and military training/operations. His work has been supported by grants from the Office of Naval Research, National Science Foundation, National Endowment for the Humanities, Defense Advanced Research Projects Agency, and companies including Microsoft, Adobe, Google, and Facebook. He and his students (including 22 Ph.D. graduates) have contributed over 200 peer-reviewed papers to the scholarly literature, and these papers have been cited nearly 20,000 times.

Doug's most widely-cited work is the book 3D User Interfaces: Theory and Practice, which grew out of a series of tutorials and short courses on 3D UIs organized by Doug and his co-authors. The book is in its second edition (2017) , and is still considered one of the go-to reference books in the field. Other notable contributions include the HOMER interaction technique, the fidelity framework for describing the realism of VR systems, the progressive refinement approach to 3D selection, the AR simulation methodology for studying future augmented reality systems, and the Glanceable AR concept. He is the recipient of numerous research awards, including membership in the inaugural class of the Virtual Reality Academy, the ISMAR Career Impact Award, the IEEE VGTC Technical Achievement Award in VR, ACM Distinguished Scientist recognition, and an NSF CAREER Award.

Service to his professional and university community is also an important part of Doug's career. He has been deeply involved with the IEEE Conference on Virtual Reality and 3D User Interfaces (IEEE VR) for his entire career, serving as program chair, general chair, steering committee member and chair, and co-founder of the 3D UI Symposium. He has also served as Associate Editor and Associate Editor-in-Chief of IEEE Transactions on Visualization and Computer Graphics, one of the top journals in the field, and chair of the IEEE VGTC Virtual Reality Best Dissertation Committee. At Virginia Tech, his primary service role since 2011 has been as Director of the Center for Human-Computer Interaction, a research center facilitating interdisciplinary research on the human aspects of technology design and use. CHCI serves faculty members and students from computing, human factors engineering, art, and design disciplines, as well as a wide variety of application domains.

Doug's undergraduate degree in mathematics and computer science is from Emory University, and his master's and Ph.D. are from Georgia Tech. In addition to his work at Virginia Tech, Doug completed sabbatical years at UC Santa Barbara and at Apple, and has consulted for Walt Disney Imagineering R&D. He and his wife Dawn have five children, who are rapidly starting to leave the nest. They are looking forward to future opportunities for service at their church, travel, and competitive pickleball.

**BRIGADIER GENERAL
GUY WALSH, USAF (RET.)**
Executive Vice President and
Chief Operating Officer, NDIA

YOUNG BANG, SES
Principal Deputy, Assistant
Secretary of the Army,
Acquisition, Logistics and
Training ASA (ALT)

**LIEUTENANT GENERAL
KEVIN M. IIAMS, USMC**
Commanding General, Training
and Education Command,
USMC

CAROLINE BAXTER
Deputy Assistant Secretary of
Defense (DASD) for Force
Education and Training,
USD P&R

**BRIGADIER GENERAL
ANDREW J. LEONE, USAF**
Mobilization Assistant to the
Military Deputy, Office of
the Assistant Secretary of the
Air Force for Acquisition,
Technology and Logistics

**REAR ADMIRAL DOUGLAS
VERISSIMO, USN**
Commander, Naval Air Force
Atlantic

Global forces continue to be challenged by erratic budgets and complex threats. Services continue to prepare for a wide array of missions that range from disaster assistance to the return of great power competition. Additionally, nations continue to deal with the opportunities and challenges of accelerating technology and cybersecurity. Our Senior Leader Panel will address current and future environments within the context of this year's conference theme, *Sustaining a Global Force in a Digital World*. This year's panel will include senior representatives from U.S. Military Services and OSD. Following opening remarks, the audience will interact with the panel through Q&A. All attendees will also have the chance to submit questions in advance. Don't miss the opportunity to hear from national leaders on the way ahead.

CONFERENCE LEADERSHIP

CONFERENCE CHAIR

ELIOT WINER, PH.D.
Iowa State University
I/ITSEC 2023
Conference Chair

ELIOT WINER, PH.D., is currently director of the VRAC – Visualize • Reason • Analyze • Collaborate (www.vrac.iastate.edu), a professor in the Departments of Mechanical Engineering (main), Electrical and Computer Engineering (courtesy), the Department of Aerospace Engineering (courtesy), and a faculty member of the Human Computer Interaction Graduate Program at Iowa State University. He received a B.S. in Aerospace Engineering from The Ohio State University in 1992 and M.S. and Ph.D. degrees in Mechanical Engineering from the University at Buffalo in 1994 and 1999. He teaches courses on mechanical systems design, optimization, and professional ethics. Dr. Winer has over 25 years of experience working in modeling, simulation, and training (MS&T). His research interests include large-scale collaborative design methods; machine learning, visualization, and interaction with large data sets (i.e., "Big Data"); multidisciplinary design analysis and optimization; computer-aided design and 3D graphics; and extensive application of extended reality (XR) technologies. Dr. Winer is a proven leader in this field having served in leadership positions in academia, major conferences, and multiple startup companies.

PROGRAM CHAIR

ANNE LITTLE, PH.D.
SAIC
I/ITSEC 2023
Program Chair

ANNE LITTLE, PH.D., is the Director of Customer Experience Solutions at SAIC in Reston, VA. Anne joined SAIC in 2017 and during her first six months of employment, she developed an innovative internal training approach that used microlearning videos and adaptive performance assessments to transform the annual compliance training. The program was launched across the enterprise, saving training cost, as well as learner sanity, by reducing the training time by 70%. This solution earned the "Most Innovative Product" award from MS&T Magazine. Anne has also led internal research and design (IRAD) efforts for a variety of product development efforts, most recently a cloud-native video hosting platform for organizational knowledge sharing. Anne has been a member of the I/ITSEC community since 2010, serving as Subcommittee Chair for HSE and ECIT. She also chaired the Knowledge Management subcommittee for four years, supporting NTSA in the selection and launch of a conference management system. She has authored several I/ITSEC papers and was a Best Paper nominee in 2018. She earned her bachelor's degree in mathematics from Purdue University, and her Master of Education and Ph.D., both in instructional technology, from George Mason University.

CONFERENCE SPONSOR

REAR ADMIRAL JAMES ROBB, USN (RET.)
President, National Training and Simulation Association

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 US-CENTCOM 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.

HON. DAVID L. NORQUIST
President and Chief Executive Officer, National Defense Industrial Association

The Hon. David L. Norquist is the President and Chief Executive Officer of the National Defense Industrial Association (NDIA). He has over 30 years of public and private sector experience in national security and federal financial management. This includes serving in three Senate confirmed positions: the Chief Financial Officer (CFO) of the Department of Homeland Security, the Under Secretary of Defense Comptroller/CFO and most recently the 34th Deputy Secretary of Defense. He began his career as a civil servant, supporting Army intelligence as a program/budget analyst with assignments on the Army staff, a major command, a defense agency, and at an overseas field site. Following his time with the Army, Mr. Norquist served for six years with the House Appropriations Subcommittee on Defense as a professional staff member. He later served for eight years as partner with Kearney and Company, a certified public accounting firm focused exclusively on the federal government. Mr. Norquist is a graduate of the University of Michigan, where he received a Bachelor of Arts in Political Science and a Master's Degree in Public Policy. He also holds a Master's Degree in National Security Studies from Georgetown University.

INTERSERVICE EXECUTIVES

U.S. ARMY SERVICE EXECUTIVE

KAREN D. H. SAUNDERS, SES, is the Program Executive Officer for Simulation, Training and Instrumentation (PEO STRI). She previously served as the Chief of Staff for the Undersecretary of Defense for Acquisition and Sustainment (USD(A&S)). Prior to that, Ms. Saunders served as the Department of Defense's (DoD) Executive Director, Defense Science Board (DSB). In December 2014, Ms. Saunders culminated a 30 year honorable career in the U.S. Army as a Colonel serving as the Chief of Staff for the Assistant Secretary of the Army for Acquisition, Logistics and Technology. Prior to this, she served on the Office of the Secretary of Defense's (OSD) staff as the Military Assistant to the Principal Deputy to the Assistant Secretary of Defense for Research and Engineering. Prior to serving on the OSD staff, she was assigned to the NATO Training Mission – Afghanistan, Combined Security Transition Command – Afghanistan serving as the Chief, Security Cooperation Division; Security Assistance Office. She also served as the Senior Advisor to the Afghan National Army Ministry of Defense Acquisition, Technology, and Logistics Deputy Minister. Ms. Saunders has held command and staff assignments in Military Intelligence and Operations Research and Systems Analysis to include Strategic Intelligence Research Analyst, U.S. Army Concepts Analysis Agency, Bethesda, Maryland; Chief, Intelligence Systems Division, Battle Command Battle Lab – Huachuca; Battalion Executive Officer and Operations Officer, 304th Military Intelligence Battalion and 305nd Military Intelligence Battalion, Fort Huachuca, Arizona.

U.S. NAVY SERVICE EXECUTIVE

CAPTAIN TIM JAMES, USN, assumed command of NAWCTSD/NSA Orlando on 15 June 2023 after serving two years as Executive Officer. Before reporting to NAWCTSD, Tim served 14 years as an Aerospace Engineering Duty Officer (AEDO) leading a variety of acquisition programs and performing executive roles within NAVAIRSYSCOM and USSOCOM. Previous assignments include Deputy Program Manager for Unmanned Carrier Aviation Mission Control System (DPM for UMCS) for PEO(U&W)/PMA-268, Lead Systems Integrator responsible for cross-IPT / cross-program / test / training / advanced development / SYSCOM efforts for PMA-268 Unmanned Carrier Aviation, Military Deputy Director (MilDep) for Cross Warfare Programs (PDX) and Program Manager of Ready Relevant Learning (RRL) overseeing the Sailor 2025 Content Reengineering programs and Naval Service Training Center programs, and for Aviation Programs (PDA) at NAWCTSD helping lead the man-

agement of a $650M portfolio spanning 29 aviation programs, Executive Officer (XO) for the Acquisition Executive (AE) at USSOCOM analyzing the execution of a $3.2B portfolio, Program Manager for twelve Group 1-3 Unmanned Arial Systems for USSOCOM Fixed Wing Program Executive Office, and Assistant Program Manager for Sensitive Activities for Special Operations Forces Warrior Systems (PEO(SW)). Prior to his AEDO designation, CAPT James served as a Flag Aide, an Officer in Charge of a Maritime Expeditionary Security Detachment, and a pilot for the S-3 Viking Anti-submarine Warfare aircraft.

U.S. MARINE CORPS SERVICE EXECUTIVE

COLONEL MARCUS J. REYNOLDS is the Program Manager for Training Systems (PM TRASYS) where he serves as Marine Corps Systems Command's executive agent assigned to manage acquisition and life-cycle support of Marine Corps ground training systems, devices, and training support services. Colonel Reynolds commands a staff of nearly 180 personnel, including Marines, civilians and support contractors located globally with professional expertise across the areas of program management, engineering, training facilities engineering, logistics, instructional systems design, procurement, contract management, cost estimation, budget and financial management, live, virtual, constructive integration, and business operations. In addition to multiple combat deployments in support of Operation Iraqi Freedom and Operation Enduring Freedom, Colonel Reynolds served a year as an Executive Fellow at Microsoft Corporation in Washington, D.C., through the Secretary of Defense Executive Fellowship Program. His research papers on mixed reality were published in the Marine Corps Gazette and in the U.S. Naval Institute's Proceedings Magazine. He holds an Associate of Science in Drafting & Design Technology, a Bachelor of Science in Industrial Technology from West Virginia Institute of Technology, and a Master of Science in Project Management from Colorado Technical University. His personal decorations include the Bronze Star Medal, Meritorious Service Medal with one gold star, Joint Commendation Medal, Navy Commendation Medal with one gold star, Navy & Marine Corps Achievement Medal, and the Combat Action Ribbon.

U.S. AIR FORCE SERVICE EXECUTIVE

COLONEL MATT "T2" RYAN, USAF, is the Senior Materiel Leader, Simulators Division. In this role, he leads a team of 600 members, executes a $5.8B portfolio, and is responsible for developing and maintaining 70+ simulator and training systems for nine Major Commands

(MAJCOMs) and multiple FMS partner nations. Col Ryan received his commission from the University of Oklahoma in 1999, completed an M.S. degree in Aerospace Engineering from the University of Dayton, and an M.S. degree in Systems Engineering from the Air Force Institute of Technology at Wright-Patterson. He is a graduate of Air Force Test Pilot School and has served as a Lead Test Flight Engineer, Flight Commander, Director of Operations, and Squadron Commander; program office tours include the Department of the Air Force Rapid Capabilities Office and the Life Cycle Management Center's Special Projects program office; and served in a staff position at Global Reach Programs, Office of the Assistant Secretary of the Air Force for Acquisition, Technology and Logistics.

OSD EXECUTIVE

GREGORY KNAPP supports the U.S. Army Threat Systems Management Office (TSMO), the Office of the Under Secretary of Defense for Research and Engineering and the Office of the Under Secretary of Defense for Personnel and Readiness performing program management, technology and acquisition functions. He provides leadership and expertise in DoD 5G implementation, spectrum research and EW programs, coalition training programs, training infrastructure, and a wide variety of DoD training and technology issues including the air combat training system (ACTS). He provided critical support for the fielding of the Defense Readiness Reporting System and the conduct of the SecDef Nuclear Review. He served as the Vice Deputy Director for Future Joint Force Development, J7, Joint Staff, overseeing Operational Analysis, Chairman's Wargaming, Doctrine Development, Joint Concepts and Experimentation. He was also the Executive Director of the Joint Warfighting Center supporting USJFCOM and was instrumental in establishing the Joint National Training Capability and the Combatant Command Engagement and Training Transformation Program. Mr. Knapp has been a leader in training and technology for over 30 years, leading the development of numerous combat systems, combat system training systems and Navy test programs and is widely recognized as a leader in distributed simulation training technology implementation. He has managed over 50 programs affecting all Combatant Commands, Services, Interagency and Coalition partners.

DOWNLOAD MOBILE APP

SERVICE PRINCIPALS

DEBRA DAWSON
U.S. ARMY
Director, Strategic Communications and Industry Engagement
U.S. Army Program Executive Office Simulation, Training and Instrumentation (PEO STRI)

KENT GRITTON
U.S. NAVY
Director, Special Projects
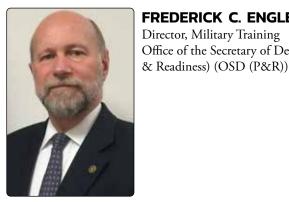Naval Air Warfare Center Training Systems Division (NAWCTSD)

CAROL BYERS–BENDLE
U.S. MARINE CORPS
Future Technology Integrator
Program Manager for Training Systems (PM TRASYS), Marine Corps Systems Command (MARCORSYSCOM)

HEATH MORTON
U.S. AIR FORCE
Training Systems Technical Advisor
Air Force Materiel Command (AFMC)

OSD PRINCIPAL

FREDERICK C. ENGLE
Director, Military Training
Office of the Secretary of Defense (Personnel & Readiness) (OSD (P&R))

SERVICE BOOTHS

USAF	1533
U.S. Army PEO STRI	1539 & 3235
PM TRASYS/TECOM	1433
NAWCTSD/U.S. Navy	1439/349
U.S. Army DEVCOM	3449

COMMANDS

U.S. ARMY

Army Contracting Command-Orlando	ACC-ORL
Army Modeling and Simulation Office	AMSO
Assistant Secretary of the Army (Acquisition, Logistics and Technology)	ASA (ALT)
Combined Arms Center – Training	CAC-T
Defense Health Agency	DHA
Program Executive Office for Command, Control and Communications – Tactical	PEO C3T
Program Executive Office – Aviation	PEO AVN
Program Executive Office Ground Combat Systems	PEO GCS
Program Executive Office – Intelligence, Electronic Warfare and Sensors	PEO IEWS
Simulation & Training Technology Center	STTC
Synthetic Training Environment Cross Functional Team	STE CFT
Training and Doctrine Command	TRADOC
U.S. Army Combat Capabilities Development Command - Soldier Center	DEVCOM SC
U.S. Army Program Executive Office, Simulation, Training and Instrumentation	PEO STRI
U.S. Army Threat Systems Management Office	TSMO

U.S. MARINE CORPS

Marine Air Ground Task Force Training Command	MAGTFTC
Marine Corps Air Ground Combat Center	MCAGCC
Marine Corps Systems Command	MARCORSYSCOM
Program Manager, Training Systems	PM TRASYS
Training and Education Command	TECOM

U.S. NAVY

Assistant Secretary of the Navy for Research Development and Acquisition	ASN (RD&A)
Center for Naval Aviation Technical Training	CNATT
Commander, Fleet Readiness Centers	COMFRC
Commander, Naval Air Forces	AIRFOR
Commander, Naval Air Atlantic	AIRLANT
Commander, Naval Air Pacific	AIRPAC
Commander, Naval Air Training	CNATRA
Commander, Naval Surface Forces	SURFFOR
Commander, Regional Maintenance Center	CRMF
Naval Air Systems Command	NAVAIR
Naval Air Warfare Center Aircraft Division	NAWCAD
Naval Air Warfare Center Training Systems Division	NAWCTSD
Naval Air Warfare Center Weapons Division	NAWCWD
Naval Air Warfare Development Center	NAWDC
Naval Education and Training Command	NETC
Naval Information Warfare Command	NAVIFOR
Naval Sea Systems Command	NAVSEA
Naval Warfare Systems Command	NAVWAR
Office of Naval Research	ONR
Office of the Chief of Naval Operations	OPNAV

U.S. AIR FORCE

Air Force Agency for Modeling & Simulation	AFAMS
Air Force Life Cycle Management Center	AFLCMC
Air Force Life Cycle Management Center – Simulator Division	AFLCMC/WNS
Air Force Major Commands	MAJCOMs
Air Force Materiel Command	AFMC
Air Force Research Laboratory	AFRL
Department of the Air Force	DAF

U.S. SPACE FORCE

Chief of Space Operations	CSO
Space Operations Command	SPOC
Space Training and Readiness Command	STARCOM
Space Systems Command	SSC
United States Space Force	USSF

OTHERS

Adaptive Instructional Systems Consortium	AIS Consortium
Cybersecurity and Infrastructure Security Agency	CISA
Defense Acquisition University	DAU
Defence Science and Technology Laboratory	DSTL
Department of Homeland Security	DHS
Deputy Assistant Secretary of Defense	DASD
Industry & Standards Organization	ISTO
Institute for Defense Analyses	IDA
Institute of Electrical and Electronics Engineers	IEEE
National Defense University	NDU
NATO Modelling and Simulation Group	NMSG
North Atlantic Treaty Organization	NATO
Secretary of Defense	OSD
Undersecretary of Defense for Acquisition and Sustainment	USD(A&S)
U.S. Special Operations Command	USSOCOM

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WEDNESDAY • 22 NOVEMBER 2023

TIME	SESSION	LOCATION
0800	**EXHIBITOR REGISTRATION OPEN**	WEST CONCOURSE
1700	**EXHIBITOR REGISTRATION CLOSE**	

THURSDAY • 23 NOVEMBER 2023 • CLOSED FOR THANKSGIVING

FRIDAY • 24 NOVEMBER 2023 AND SATURDAY • 25 NOVEMBER 2023

0800	**EXHIBITOR REGISTRATION OPEN**	WEST CONCOURSE
1700	**EXHIBITOR REGISTRATION CLOSE**	

SUNDAY • 26 NOVEMBER 2023

0800	**EXHIBITOR REGISTRATION OPEN**	WEST CONCOURSE
1200	**CONFERENCE REGISTRATION OPEN**	WEST CONCOURSE
1200	**SATELLITE REGISTRATION OPEN**	HYATT REGENCY MAIN LOBBY
1800	**ALL REGISTRATIONS CLOSE**	

MONDAY • 27 NOVEMBER 2023

0700	**CONFERENCE AND EXHIBIT REGISTRATION OPEN**	WEST CONCOURSE
0730	**SATELLITE REGISTRATION OPEN**	HYATT REGENCY MAIN LOBBY
0830 – 1000	**TUTORIALS** (SYNOPSES BEGIN ON PAGE 69)	
	BEST: A History of Games for Military Training: From Sheep Knuckles to the Metaverse	W300 – THEATRE
	TUT 1: Illuminating the ATO Process – Lessons Learned the Hard Way	W307B
	TUT 2: Introduction to Defense Modeling and Simulation	W305AB
	TUT 3: Machine Learning and the Benefits of Applying it to XR Training Systems	W306AB
	TUT 4: IEEE 1278TM Standard for Distributed Interactive Simulation (DIS): Concepts and Techniques	W307C
	TUT 5: Modernize Your Training by Migrating Legacy SCORM Content to cmi5	W307D
	TUT 6: Transportation Systems: A Survey of M&S Applications in Mobility, Sustainability, and Logistics	W308A
	TUT 7: Simulation Conceptual Modeling Theory and Application	W308B
	TUT 8: Machine Learning: An Introduction for Humans	W308C
	TUT 9: Digital Engineering Basic Principles	W308D
	TUT 10: Practical Guide to Learning Engineering	W307A
1030 – 1200	**SIGNATURE EVENT:** Congressional Modeling and Simulation Caucus	W304A-H
1030 – 1200	**TUTORIALS** (SYNOPSES BEGIN ON PAGE 73)	
	BEST: Behind the Screams: M&S Anatomy and Decomposition of a Contemporary Ride System Attraction	W300 – THEATRE
	TUT 1: Keeping Up With U.S. Export Controls in 2023	W307B
	TUT 2: Live, Virtual and Constructive (LVC) Interoperability 101	W305AB
	TUT 3: How to Build at War Time Resilient Online Learning System	W306AB
	TUT 4: Introduction to HLA 4	W307C
	TUT 5: Implementation Strategies for Creating a Sustainable xAPI Data Strategy	W307D
	TUT 6: Evolution of RF Signal Visualization from Spectrum Analyzers to Augmented Reality	W308A
	TUT 7: Making the Case: Building Strong M&S Verification and Validation Evidence	W308B
	TUT 8: Building Trusted AI: An Introduction to Human-AI Trust	W308C
	TUT 9: Finding Fidelity: When You Need It, When It's Too Much, and How to Optimize Simulations for High Training Effect and Low Cost	W308D
	TUT 10: Managing Learning Resources Through Use of Metadata Standards	W307A

1230 – 1400	**COMMUNITY OF INTEREST:** Breaking Into GovCon From a DCAA Perspective	W307B
1245 – 1415	**TUTORIALS** (SYNOPSES BEGIN ON PAGE 77)	
	BEST: Putting the When and Where into Simulations	W300 – THEATRE
	TUT 2: A Process for Distributed LVC Integration and Execution	W305AB
	TUT 3: Getting UX – Understanding UX and How to Acquire It	W306AB
	TUT 4: Using OMG DDS for Secure Interoperability Between Multiple Distributed LVC Simulators	W307C
	TUT 5: Creating a Data Strategy and Learning Analytics	W307D
	TUT 6: Driving Proficiency through Mobile, Immersive, Hands-on eXtended Reality (XR) Training	W308A
	TUT 7: Accreditation of Simulation-Based Experiments: Beyond the M&S	W308B
	TUT 8: Generative AI Applied to Rapid Development of Simulation and Modeling Assets	W308C
	TUT 9: Introduction to Design of Experiments	W308D
1400	**EXHIBITS OPEN**	EXHIBIT HALL
1400 – 1530	**FOCUS EVENT:** Certified Modeling and Simulation Professional 3.0	W307A
1415 – 1545	**FOCUS EVENT:** Black Swan – Dawn of the Super Soldier	W304CDGH
1430 – 1600	**COMMUNITY OF INTEREST:** Human Readiness Levels	W305AB
1600 – 1730	**SIGNATURE EVENT:** 2023 I/ITSEC Fellows Presentation	W300 – THEATRE
1800	**EXHIBITS CLOSE**	
1800	**ALL REGISTRATION STATIONS CLOSE**	

TUESDAY • 28 NOVEMBER 2023

0700	**CONFERENCE AND EXHIBIT REGISTRATION OPEN**	WEST CONCOURSE
0730	**SATELLITE REGISTRATION OPEN**	HYATT REGENCY MAIN LOBBY
0815 – 1000	**OPENING CEREMONIES** Call to Order Presentation of Colors National Anthem Invocation	HYATT WINDERMERE BALLROOM
	OPENING REMARKS Eliot Winer, Ph.D., 2023 Conference Chair	
	U.S. ARMY FIRESIDE CHAT	**INDUSTRY KEYNOTE**
	The Honorable Douglas R. Bush Assistant Secretary of the Army (Acquisition, Logistics, and Technology) — General Gary M. Brito, USA Commanding General U.S. Army Training and Doctrine Command (TRADOC)	Doug A. Bowman, Ph.D. Frank J. Maher Professor of Computer Science Virginia Tech
1030 – 1200	**SIGNATURE EVENT:** Senior Leader Panel	HYATT WINDERMERE BALLROOM
1200	**EXHIBITS OPEN**	EXHIBIT HALL
1200 – 1330	**LUNCH** (Opening of Exhibits and Lunch will occur at 1200 or upon adjournment of the Senior Leader Panel)	EXHIBIT HALL
1400 – 1530	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 81.)	ROOMS W300 – THEATRE; W307ABC; W308AB
1400 – 1530	**SIGNATURE EVENT:** Army General Officer Panel	W304CDGH
1400 – 1530	**FOCUS EVENT:** Fast-Tracking DoD's Test Capability Development: Connecting the I/ITSEC Community	W304EF
1400 – 1530	**FOCUS EVENT:** Human-Centered Successes and Challenges in AR/VR Development and Implementation	W306AB
1400 – 1530	**FOCUS EVENT:** Best from Around the Globe	W305AB
1600 – 1730	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 81.)	ROOMS W300 – THEATRE; W307AB; W308AB
1600 – 1730	**SIGNATURE EVENT:** How the Marine Corps is Using the Digital World to Support Training Today and into the Future	W306AB

1600 – 1730	**SIGNATURE EVENT:** Department of the Air Force General Officer Panel	W304CDGH
1600 – 1730	**SIGNATURE EVENT:** Joint & Multi-National Constructive Training Exercises	W304EF
1600 – 1730	**FOCUS EVENT:** DoD's Real World Digital Twins	W304AB
1600	**SATELLITE REGISTRATION STATION AT HYATT REGENCY CLOSES**	
1700 – 1830	Exhibitor Networking Event	EXHIBIT HALL
1800	**CONVENTION CENTER REGISTRATION CLOSES**	
1800	Senior Leaders Networking Hour and M&S Awards Dinner (INVITATION ONLY)	HYATT REGENCY
1830	**EXHIBITS CLOSE**	

WEDNESDAY • 29 NOVEMBER 2023

0630	5K Walk, Run or Roll Charity Race	OCCC – WEST HALL D
0700	**CONFERENCE AND EXHIBIT REGISTRATION OPEN**	WEST CONCOURSE
0830 – 1000	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 82.)	ROOMS W307ABCD; W308C
0830 – 1000	**SIGNATURE EVENT:** The Joint M&S Data Initiative	W304EF
0830 – 1000	**SIGNATURE EVENT:** The TalX – 5G and NextG	W304CDGH
0830 – 1000	**FOCUS EVENT:** Fleet Training Officers Panel	W304AB
0830 – 1000	**COMMUNITY OF INTEREST:** Simulation Standards: Delivering Multi-National Interoperability	W305AB
0830 – 1000	**PROGRAM BRIEF:** PM TRASYS – Range Training Systems – Acquisition Update	W306AB
0930	**EXHIBITS OPEN**	EXHIBIT HALL
1030 – 1200	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 82.)	ROOMS W307ABCD; W308ABC
1030 – 1200	**SIGNATURE EVENT:** Navy Flag Officer Panel	W304AB
1030 – 1200	**SIGNATURE EVENT:** Digital Materiel Management	W305AB
1030 – 1200	**SIGNATURE EVENT:** Train While You Fight: Ukraine as a Touchstone for Training in Future Wars	W300 - THEATRE
1030 – 1200	**SIGNATURE EVENT:** The TalX – Industry Leaders Perspectives on Adoption of Artificial Intelligence	W304CDGH
1030 – 1200	**FOCUS EVENT:** Senior NCO Perspective: Operational Readiness Leveraging Simulations for Training & Mission Rehearsal	W304EF
1030 – 1200	**PROGRAM BRIEF:** PM TRASYS – Synthetic Training Systems – Acquisition Update	W306AB
1200 – 1330	**LUNCH**	EXHIBIT HALL
1300 – 1700	**COMMUNITY OF INTEREST:** NTSA Career Fair At I/ITSEC	W110A
1330 – 1500	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 83.)	ROOMS W307ABCD; W308ABC
1330 – 1500	**SIGNATURE EVENT:** Army Digital Transformation	W304EF
1330 – 1500	**SIGNATURE EVENT:** The TalX – Government Perspectives on Adoption of Artificial Intelligence	W304CDGH
1330 – 1500	**FOCUS EVENT:** Joint Medical Training – Leadership Perspective on Current and Future Capabilities	W305AB
1530 – 1700	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 83.)	ROOMS W307ABCD; W308ABC
1530 – 1700	**SIGNATURE EVENT:** The TalX – Government CTO/CLO Future Vision	W304CDGH
1530 – 1700	**SIGNATURE EVENT:** Cyberspace – Future Multi-Domain Challenge Perspectives	W300 – THEATRE
1530 – 1700	**PROGRAM BRIEF:** Air Force Acquisition Update	W304AB
1600 – 1730	**FOCUS EVENT:** Digital Transformation & Model Based Systems Engineering (MBSE)	W304EF
1600 – 1730	**FOCUS EVENT:** Army Science Board FY23 Study Findings and Recommendations	W306AB
1800	**ALL REGISTRATIONS CLOSE**	
1800	**EXHIBITS CLOSE**	

THURSDAY • 30 NOVEMBER 2023

0700	**CONFERENCE AND EXHIBIT REGISTRATION OPEN**	WEST CONCOURSE
0830 – 1000	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 84.)	ROOMS W307ABD; W308AB
0830 – 1000	**FOCUS EVENT:** Revolutionizing Training with Generative AI	W300 – THEATRE

DOWNLOAD MOBILE APP

0830 – 1000	**FOCUS EVENT:** Wargaming to Warfighting – Training for the Right Fight Across the Learning Continuum	W306AB
0830 – 1100	**PROGRAM BRIEF:** Army Acquisition Update (TSIS Updates)	W304EF
0830 – 1000	**PROGRAM BRIEF:** Navy Training Systems Program Managers – Program Brief	W305AB
0930	**EXHIBITS OPEN**	EXHIBIT HALL
1030 – 1200	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 84.)	ROOMS W307ABCD; W308AB
1030 – 1200	**FOCUS EVENT:** Department of the Air Force MAJCOM	W304AB
1030 – 1200	**FOCUS EVENT:** Medical IGNITE: The Latest Innovations in Medical Simulation Across Industry, Academia, and Government	W300 – THEATRE
1030 – 1200	**COMMUNITY OF INTEREST:** Cognitive Augmentation for Military Applications	W306AB
1030 – 1200	**PROGRAM BRIEF:** Navy Training Programs Vision – Program Brief	W305AB
1200 – 1330	**LUNCH**	EXHIBIT HALL
1300	**SERIOUS GAMES SHOWCASE & CHALLENGE AWARDS CEREMONY**	BOOTH 2588
1330 – 1500	**PAPER SESSIONS** (TITLE/AUTHOR LIST BEGINS ON PAGE 85. SESSION SCHEDULES FOR THIS TIME FRAME ARE ON PAGE 84.)	ROOMS W307A; W308AB
1500	**EXHIBIT HALL AND REGISTRATION CLOSE**	
1800	**Hosted Reception** Sponsored by Lockheed Martin Corporation and The Boeing Company	HYATT WINDERMERE BALLROOM
1900	**Conference Awards Banquet** *Reception & Awards*	I/ITSEC 2023 Scholarship Presentations • RADM Fred Lewis Postgraduate Scholarships • Leonard P. Gollobin Postgraduate Scholarships • CMSP Postgraduate Scholarship • Barbara McDaniel Undergraduate Scholarships Best Tutorial Award Presentation Best Paper Award Presentation Passing of the Flag for I/ITSEC 2024 Post Dinner Entertainment and Networking	HYATT WINDERMERE BALLROOM

FRIDAY • 1 DECEMBER 2023

0800 – 1200	**PROFESSIONAL DEVELOPMENT WORKSHOPS** (SYNOPSES ON PAGES 94 – 96)	**LOCATION**
	PDW 1: Fundamentals of Artificial Intelligence for Simulation-Based Training	W308A
	PDW 2: Certified Modeling and Simulation Professional 3.0	W308B
	PDW 3: Serious Game Design Workshop	W308D
	PDW 4: From the Last of Us to the First of Us: Rebuilding after a Zombie Crisis	W207C
	PDW 5: Demystifying Learning Engineering and Immersive Design: The Workshop	W208A
	PDW 6: Cognitive Load Assessment During Training in Immersive Environments	W208B
	PDW 7: Using DDS for Distributed Training Simulators	W308C
	PDW 8: Disrupt, Design, Deploy: A Human-Centered Approach to Learning and Development	W208C

DRESS CODE

BRANCH	CONFERENCE AND GENERAL SESSIONS	BANQUET
Air Force	Blues *(Short or Long Sleeve)*	Mess Dress or Semi-Formal
Army	Exhibit Floor/Attendees – ACUs or Duty Uniform Panelist/Speakers – ASUs, Class A's	Army Blue *(Army Evening Mess Optional)*
Marine Corps	Service "C"	Evening Dress *(Dress Blue "B" or Service "A" Optional)*
Navy	Service Khaki, Navy Service Uniform	Dinner Dress White *(Service Dress White Optional)*
Space Force	Blues *(Short or Long Sleeve)*	Mess Dress or Semi-Formal
Coast Guard	Tropical Blue Long	Dinner Dress White *(Service Dress White Optional)*
Civilian	Business Attire	Black Tie/Business *(Optional)* or International Traditional Costume

I/ITSEC SUPPORTS OUR WARFIGHTERS, FIRST RESPONDERS, AND FAMILIES

For more information visit https://www.iitsec.org/attend/charities-at-iitsec

TUNNEL TO TOWERS

Since 9/11, Tunnel to Towers has been helping America's heroes by providing mortgage-free homes to Gold Star and fallen first responder families with young children and by building custom-designed smart homes for catastrophically injured veterans and first responders. They are also committed to eradicating veteran homelessness and aiding the victims of major U.S. disasters.

• 450+ mortgage free homes (delivered or in progress).
• Educating 600,000+ through their 9/11 Never Forget Mobile Exhibit.
• 250+ million raised in support of our nation's greatest heroes and their families.
• 95 cents of every dollar donated goes directly to programs.

The I/ITSEC 5K Run/Walk/Roll supports Tunnel to Towers with proceeds from the race going to the Orlando Chapter of Tunnel to Towers. In 2022, the I/ITSEC community was able to contribute over $8,000 to help our service members and we hope to contribute even more this year! The I/ITSEC 5K will be held Wednesday, 29 November at 0630 in front of the OCCC West Concourse, Hall D.

JUST OUR SOLDIERS' HELPERS (JOSH)

Just Our Soldiers' Helpers (JOSH), is a woman-founded and led IRS-approved non-profit founded in 2011. The JOSH mission is to increase the morale of deployed U.S. service members from all branches of the military. They do this by providing care packages containing name brand items that are not readily available during deployment.
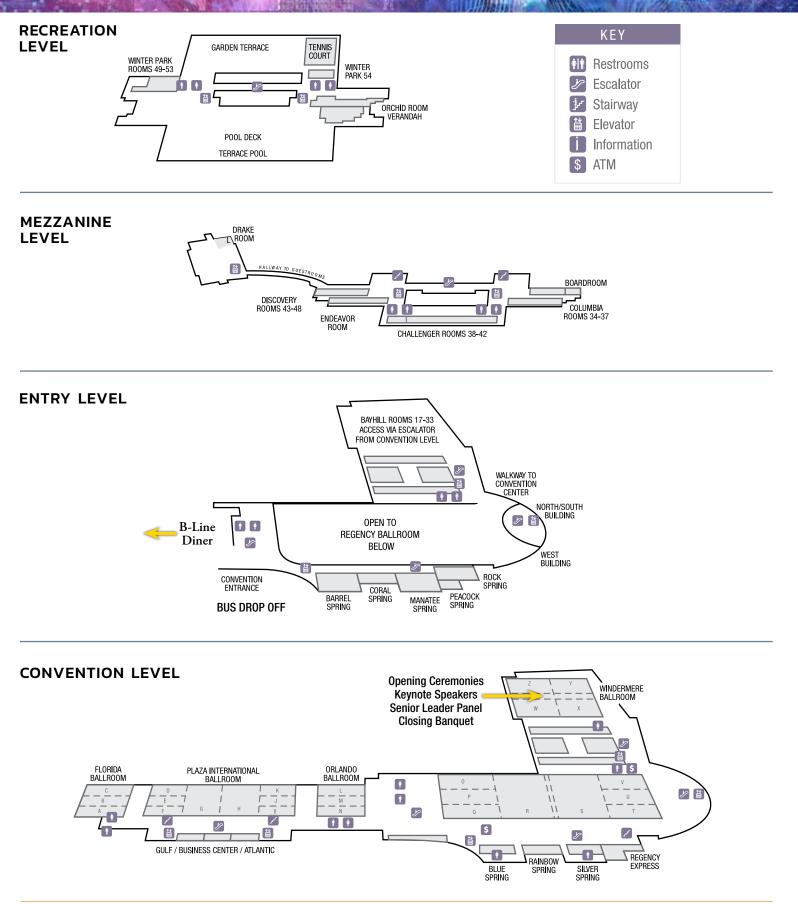
• JOSH is an all-volunteer organization; 87% of all funds go directly towards program-related expenses. less than 3% goes towards administrative costs.
• JOSH ships only full-size name-brand products.
• JOSH ships every month of the year to all the warfighters on their list.
• JOSH has shipped over 150,000 pounds of products to our warfighters since 2011.

I/ITSEC 2022 was the inaugural year that the I/ITSEC community helped support JOSH. Onsite at the OCCC, during I/ITSEC 2023, volunteers and attendees will sort, pack, and ship 140 care packages to our service members around the world. We can accomplish this with help from our industry partners, we have made several support levels available so all can support. Packing will happen before I/ITSEC opens on Sunday, 26 November at approximately 0830 in Room 110A at the OCCC West Concourse.

HYATT REGENCY

RECREATION LEVEL

WINTER PARK ROOMS 49-53
GARDEN TERRACE
TENNIS COURT
WINTER PARK 54
ORCHID ROOM VERANDAH
POOL DECK
TERRACE POOL

KEY

- Restrooms
- Escalator
- Stairway
- Elevator
- Information
- $ ATM

MEZZANINE LEVEL

DRAKE ROOM
HALLWAY TO GUESTROOMS
DISCOVERY ROOMS 43-48
ENDEAVOR ROOM
CHALLENGER ROOMS 38-42
BOARDROOM
COLUMBIA ROOMS 34-37

ENTRY LEVEL

BAYHILL ROOMS 17-33
ACCESS VIA ESCALATOR
FROM CONVENTION LEVEL
WALKWAY TO CONVENTION CENTER
NORTH/SOUTH BUILDING
OPEN TO REGENCY BALLROOM BELOW
WEST BUILDING

B-Line Diner

CONVENTION ENTRANCE
BUS DROP OFF
BARREL SPRING
CORAL SPRING
MANATEE SPRING
PEACOCK SPRING
ROCK SPRING

CONVENTION LEVEL

**Opening Ceremonies
Keynote Speakers
Senior Leader Panel
Closing Banquet**

Z Y
W X
WINDERMERE BALLROOM

FLORIDA BALLROOM
C B A
PLAZA INTERNATIONAL BALLROOM
D E F G
K J
H I
ORLANDO BALLROOM
L M N
O P Q
R
V U T
S

GULF / BUSINESS CENTER / ATLANTIC

BLUE SPRING
RAINBOW SPRING
SILVER SPRING
REGENCY EXPRESS

WEST CONCOURSE ORANGE COUNTY CONVENTION CENTER • ORLANDO, FLORIDA

LEVEL 1 (Entry Level)

Stairs Stairs
Entry
Entry
Stairs
Stairs
Stairs
Entry
Stairs
Stairs
Stairs
E
EE
EE
EE
Elevator
Stairs
E
EE
RR
WEST A LOBBY
AED
EE
AED
RR RR RR
Elevator
Food Court
Food Court
WEST A/B LOBBY
E
Stairs
Stairs
E
E

First Aid

Onsite Registration
Property Check
Lost & Found

Self-Badging

I/ITSEC Shuttle Bus
Pick-up/Drop-off

Entrance/Exit

LEVEL 2

E
RR RR RR
RR RR
RR RR
RR RR
RR RR
RR
E E E E E E

WEST HALL A

WEST HALL B

Conference Lunch (Ticketed)

W A1   W A2   W A3   W A4   W B1   W B2   W B3

RR Stairs   RR Stairs   RR Stairs   RR Stairs   RR Stairs   RR Stairs   Stairs
E
Elevator
W201
W202 A B C   W203 A B C   W204 A B C   RR
C
W205
Open To Below
Elevator
C
W206
RR
W207   W208
Open To Below   Open To Below   Open To Below
E

NTSA Show Management

LEVEL 3 (Presentations/Events/Practice Rooms)

Stairs RR RR Stairs   Stairs RR RR RR Stairs   Stairs RR RR Stairs   Stairs RR RR
Open To Below   Open To Below   Open To Below   Open To Below
W300 – Theatre
Elevator
Open To Below
Open To Below
Elevator
W303
W304 A B C D   E F G H
W305   W306
W307 A B C D
Open To Below
W308 A B C D   W309   W310
W311 A B C D   E F G H

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