

Sun., Oct. 27	Mon., Oct. 28	Tue., Oct. 29
10:00 am – 5:00pm	10:00am – 5:00pm	10:00 am – 2:00pm
EDGE Virtual Training Demo ALL DAY	EDGE Virtual Training Demo ALL DAY	EDGE Virtual Training Demo ALL DAY
<ul style="list-style-type: none"> <li>• Talk: <b>How Law Enforcement Informs Homeland Security R&amp;D</b></li> <li>• Speaker: Milt Nenneman, DHS Science and Technology Directorate</li> <li>• Time: <b>11:00am</b></li> </ul>	<ul style="list-style-type: none"> <li>• Talk: <b>Lessons from NYC: Using Tech to Plan for Critical Incidents</b></li> <li>• Speaker: Alice Hong, DHS S&amp;T National Urban Security Technology Laboratory</li> <li>• Time: <b>11:00am</b></li> </ul>	<ul style="list-style-type: none"> <li>• Talk: <b>New Tech and Training Available for Threat Detection</b></li> <li>• Speaker: Jim Grove, DHS Science and Technology Directorate</li> <li>• Time: <b>10:30am</b></li> </ul>
<ul style="list-style-type: none"> <li>• Talk: <b>Reducing Preventable Officer Distracted Driving Incidents</b></li> <li>• Speaker: Jim Grove, DHS Science and Technology Directorate</li> <li>• Time: <b>1:30pm</b></li> </ul>	<ul style="list-style-type: none"> <li>• Talk: <b>Securing the 2021 World Games</b></li> <li>• Speaker: John Merrill, DHS Science and Technology Directorate</li> <li>• Time: <b>2:00pm</b></li> </ul>	<ul style="list-style-type: none"> <li>• Talk: <b>Private Sector Opportunities in First Responder R&amp;D</b></li> <li>• Speaker: Milt Nenneman, DHS Science and Technology Directorate</li> <li>• Time: <b>12:00pm</b></li> </ul>
<ul style="list-style-type: none"> <li>• Talk: <b>State, Local and Tribal Law Enforcement Training</b></li> <li>• Speaker: Charles Brewer, Federal Law Enforcement Training Center</li> <li>• Time: <b>3:30pm</b></li> </ul>	<ul style="list-style-type: none"> <li>• Talk: <b>Harnessing Social Media Data for Increased Situational Awareness</b></li> <li>• Speaker: Dr. Jingjing Guo, Purdue University VACCINE Center</li> <li>• Time: <b>3:30pm</b></li> </ul>	

WELCOME TO

# DHS @ IACP

CHICAGO, IL

OCTOBER 27-29, 2019

BOOTH # 4519



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# WELCOME TO THE DHS SHOWCASE

We are excited to be part of IACP 2019! This year, the Science and Technology Directorate and several partners are highlighting tools, technologies, and partnerships that DHS continues to invest in—solutions to meet the growing demands of the global law enforcement community. Our colleagues in law enforcement face real and urgent challenges every day, none more pressing than critical incidents like active shooter response. Learn how DHS is delivering innovative capabilities to improve training, real-time decision-making, the health and safety of first responders, and scientific analysis of mass violent behavior. Visit our exhibit space, demo cutting-EDGE virtual training technology, and meet our experts who are working on behalf of the brave men and women who work the front lines every day to keep us safe.



**MR. CHARLES BREWER** has over 30 years' experience in the Emergency Medical response field and in law enforcement training and operations. He has developed and delivered curriculum and training programs to thousands of law enforcement officers over his career. He has been an invited speaker at some of the largest law enforcement and EMS conferences in the country on the topic of medical response to Mass Casualty Violence Events, specifically increasing survivability by utilizing tactical medical techniques and tactics. Mr. Brewer currently serves as the Division Chief for the State, Local and Tribal Division for the **Federal Law Enforcement Training Centers**, a component of the Department of Homeland Security.



**JAMES W. GROVE, JR** is a Portfolio Manager to the Department of Homeland Security **Science and Technology Directorate** First Responder and Detection Division with alignment the Federal Law Enforcement Training Centers in Glynco, GA. He is responsible for integrating the performance optimization and training portfolio across FLETC and the DHS Component training offices as well as DoD and international partners. He served as an Active Guard and Reserve- Army Medical Service Corps officer from October 1979 until his retirement as a Colonel in January 2008. Until June 2009, Mr. Grove served as a Joint Experimentation Planner in support of the National Guard Bureau's J-8 Capabilities Development Division. In addition, he is an experienced military emergency manager, volunteer firefighter, emergency medical technician, trained hazardous materials technician, and amateur radio operator.



**JINGJING GUO** is a Post-Doctoral Researcher at the **Purdue University VACCINE lab**. She holds a PhD in Aerospace Engineering and a second Master's in Industrial Engineering from Purdue. She also has 3 years of experience working in industry as an IoT developer and a data scientist.



**ALICE J. HONG** is the Laboratory Director of the DHS S&T **National Urban Security Technology Laboratory**, a government-owned and government-operated laboratory of the U.S. Department of Homeland Security's Science & Technology (S&T) Directorate. Ms. Hong leads NUSTL in the development, evaluation and transition of homeland security technologies into field use by law enforcement, fire and other emergency response agencies. Ms. Hong is a critical proponent of NUSTL's mission to serve state and local first responders and has both established and sustained strength in partnerships within the homeland security community.



**GLADYS KLEMIC** is a physicist with the U.S. Department of Homeland Security Science and Technology National Urban Security Technology Laboratory (NUSTL) where she leads operational assessments of emergency responder technologies and supports the Radiological/Nuclear Threat Response & Recovery Program. She has been with NUSTL and its predecessor laboratory since 1990, has authored more than 40 scientific and technical publications, and is a member of the National Council on Radiation Protection and Measurements and the Health Physics Society. She has a B.S. in Physics from Wayne State University and an M.S. in Physics from New York University.



**DR. RICHARD LEGAULT, PHD** currently leads a number of research and development portfolios for the Department of Homeland **Security Science and Technology Directorate** in a variety of domains. Some current portfolios include research and development activities for Terrorism Prevention; Human Training and Performance in Security; Social, Behavioral, and Economic Science support for technology implementation, digital forensics, human identity, and infrastructure protection and resilience. Dr. Legault has extensive experience in the application and management of quantitative and qualitative research methods. He has performed research in quantitative analysis of survey data, firearms ownership, policy evaluation, data usage and measurement, organizational violence, terrorism, and violence reduction strategies. He has published a book, book chapters, and number of articles on these topics in peer reviewed journals, including The Journal of Quantitative Criminology, Criminology and Public Policy, Crime and Delinquency, The Journal of Homeland Security, The Journal of Peace Studies, and The Journal of Research in Crime and Delinquency.



**JOHN MERRILL** is the Acting Director of the Department of Homeland Security **Science and Technology Directorate** First Responders and Detection (FRD) division as well as the Next Generation First Responder (NGFR) Apex Program Director. Leading FRD, Merrill oversees four key operating components: Countering Weapons of Mass Destruction Office, Federal Emergency Management Agency, Federal Law Enforcement Training Center and First Responders. Under his leadership, NGFR has developed and integrated cutting-edge technologies – allowing for a timely, efficient and safe response to disasters of all sizes. Merrill has successfully established a model for the program that expands industry involvement and collaboration with the Nation's first responders. One of his primary missions is to advocate on behalf of first responders, encouraging industry partners within the program to collaborate directly with responders on research, development, testing and evaluation and “walk a mile in their shoes.” He is a 28-year veteran of the U.S. Coast Guard with experience in program/policy management, radio navigation, maritime law enforcement, search and rescue, vessel traffic services and telecommunications.



**MILT NENNEMAN** is currently employed as a program manager with the Department of Homeland Security **Science and Technology Directorate** First Responder and Detection Division. Part of his responsibilities include managing the DHS S&T First Responder Resource Group and facilitating the identification of capability gaps by the nation's first responders. Milt also manages several projects at S&T, one of which is the Enhanced Dynamic Geo-Social Environment (EDGE) Virtual Training Tool. Milt retired from Sacramento Police Department September 2008 after twenty years of service. His assignments included: Manager of the Sacramento UASI, Office of Investigations, Narcotics, Community Oriented Police and Patrol. Prior to going to work at SPD he was a Deputy Sheriff of Humboldt County from 1979 to 1988 where he was a Resident Deputy assigned to the Hoopa Indian Reservation. He was also a member of the SWAT, Dive Rescue and Mountain Rescue teams. Milt did a brief stint in the Army and ended his service as Sgt. In the US Army, 2nd Ranger Battalion, Airborne, 75th Infantry, Fort Lewis, Washington from 1974 to 1977.