



# JOINT CBRN CONFERENCE & EXHIBITION

"BEYOND BRAC...WHAT'S NEXT IN JOINT CBRN DEFENSE?"

## INSIDE YOU WILL FIND:

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- ▶ Exhibits Floor Plan
- ▶ Exhibitor List
- ▶ Speaker Biographies
- ▶ Exhibitor Profiles
- ▶ Upcoming NDIA Events
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- ▶ Proceedings Information



CONFERENCE AGENDA

HILTON BALTIMORE ▶ BALTIMORE, MD

## MONDAY ▶ MARCH 12, 2012

8:00 am - 5:00 pm

**EXHIBITOR/CONFERENCE REGISTRATION — SOUTH FOYER**

## TUESDAY ▶ MARCH 13, 2012

7:00 am - 6:30 pm

**CONFERENCE REGISTRATION — SOUTH FOYER**

7:00 am - 8:30 am

**CONTINENTAL BREAKFAST — BALLROOM FOYER**

9:30 am - 6:30 pm

**EXHIBIT HALL & OUTDOOR DISPLAYS OPEN — KEY BALLROOM / EUTAW STREET**

### **SESSION 1 — HOLIDAY BALLROOM**

#### **CBRN - A NATIONAL CHALLENGE:**

*AN OVERVIEW OF NATIONAL POLICY, RESOURCES AND ISSUES*

8:30 am - 8:40 am

#### **NDIA WELCOME COMMENTS**

- ▶ COL Frank Cox, USA (Ret), *Executive Vice President, Business Development, SCRA NDIA Chemical Biological Defense Division*

8:40 am - 9:20 am

#### **KEYNOTE ADDRESS**

- ▶ Dr. Gerald Parker, *Deputy Assistant Secretary of Defense for Chemical and Biological Defense*

9:20 am - 10:00 am

#### **KEYNOTE ADDRESS**

- ▶ Dr. Tara O'Toole, *Under Secretary of Homeland Security for Science and Technology*

10:00 am - 10:30 am

**NETWORKING & REFRESHMENT BREAK — KEY BALLROOM**

- ▶ Sponsored by **CH2MHILL**®

10:30 am - 11:00 am

**SPEAKER**

- ▶ Mr. Warren Stern, *Director, Domestic Nuclear Detection Office, DHS*

11:00 am - 11:30 am

**SPEAKER**

- ▶ Mr. Peter Bechtel, *Deputy Director, Department of the Army Plans and Policy  
Director, US Army Nuclear and C-WMD Agency*

11:30 am - 1:00 pm

**LUNCH — HOLIDAY BALLROOM**

- ▶ Sponsored by 

**SESSION 2 — HOLIDAY BALLROOM**

**CBRN SCIENCE & TECHNOLOGY**

*OVERVIEW BRIEFINGS FROM DTRA AND DHS S&T*

1:00 pm - 1:30 pm

**SPEAKER**

- ▶ Dr. Alan Rudolph, *Director, Chemical & Biological Technologies and Joint Science & Technology Office for Chemical & Biological Defense, DTRA*

1:30 pm - 2:00 pm

**SPEAKER**

- ▶ Dr. Michael Kuliasha, *Director, Nuclear Technologies, DTRA*

2:00 pm - 2:30 pm

**SPEAKER**

- ▶ Dr. Randy Long, *Director, Chemical & Biological Division, Science & Technology Division, DHS*

2:30 pm - 3:00 pm

**NETWORKING & REFRESHMENT BREAK — KEY BALLROOM**

- ▶ Sponsored by 

3:00 pm - 5:00 pm

**LAB DIRECTOR'S PANEL**

**Moderator:**

- ▶ Mr. Rick Decker, *Former Director, Edgewood Chemical & Biological Center*

**Panelists:**

- ▶ COL Bernard DeKoning, USA, *Commander, U.S. Army Medical Research Institute for Infectious Diseases*
- ▶ Dr. George Famini, *Director, Chemical Security Analysis Center, DHS*
- ▶ Dr. D. Christian Hassell, *Assistant Director, Laboratory Division, FBI*
- ▶ COL Peter Schulthesis, USA, *Commander, U.S. Army Medical Research Institute for Chemical Defense*
- ▶ Mr. Joseph Wienand, *Director, Edgewood Chemical and Biological Center*

5:00 pm - 6:30 pm

**GRAND RECEPTION — KEY BALLROOM**

## WEDNESDAY ▶ MARCH 14, 2012

7:00 am - 4:30 pm

**CONFERENCE REGISTRATION — SOUTH FOYER**

7:00 am - 8:30 am

**CONTINENTAL BREAKFAST — BALLROOM FOYER**

9:30 am - 4:00 pm

**EXHIBIT HALL & OUTDOOR DISPLAYS OPEN — KEY BALLROOM / EUTAW STREET**

**SESSION 3 — HOLIDAY BALLROOM**

**CBRN ACQUISITION: REQUIREMENTS, PROGRAM MANAGEMENT, CONTRACTING, TEST AND EVALUATION AND INDUSTRY PERSPECTIVE**

*DISCUSSION OF RESOURCES, TRENDS, AND ISSUES IN CBRN ACQUISITION AND THE IMPACT OF BRAC MOVES ON CBRN READINESS*

8:30 am - 9:00 am

**SPEAKER**

- ▶ BG Lucas Polakowski, USA, *Deputy Director for Force Protection & Countering Weapons of Mass Destruction, J8, The Joint Staff*

9:00 am - 9:30 am

**SPEAKER**

- ▶ BG Jess Scarbrough, USA, *Joint Program Executive Officer, Chemical & Biological Defense*

9:30 am - 10:00 am

**SPEAKER**

- ▶ Mr. Bryon Young, *Executive Director, Army Contracting Command, Aberdeen Proving Ground*

10:00 am - 10:30 am

**NETWORKING & REFRESHMENT BREAK — KEY BALLROOM**

10:30 am - 11:00 am

**SPEAKER**

- ▶ Mr. James Cooke, *Deputy Under Secretary of the Army for Test & Evaluation, and Joint Chemical and Biological Defense Test & Evaluation Executive*

11:00 am - 11:30 am

**SPEAKER**

- ▶ Dr. John Ferriter, *Co-Chair, Chemical and Biological Defense Acquisition Initiatives Forum*

11:30 am - 1:30 pm

**LUNCH — HOLIDAY BALLROOM**

- ▶ Sponsored by 

**SESSION 4 — HOLIDAY BALLROOM**

**COMBATING WMD AND CONSEQUENCE MANAGEMENT**

*LEADERS DISCUSS READINESS ISSUES IN WARFIGHTING AND DOMESTIC CONSEQUENCE MANAGEMENT*

1:30 pm - 2:10 pm

**SPEAKER**

- ▶ CAPT Michael Collins, USN (Ret), *Department of the Air Force Civilian, GS-15, Joint Task Force Civil Support Chief of Staff*

2:10 pm - 2:50 pm

**SPEAKER**

- ▶ COL Heinrich Reyes, USA, *Chief, HLS Division, J-3, NGB*

2:50 pm - 3:10 pm

**NETWORKING & REFRESHMENT BREAK — KEY BALLROOM**

3:10 pm - 3:50 pm

**SPEAKER**

- ▶ BG Leslie Smith, USA, *Commander, 20th Support Command (CBRNE), FORSCOM*

3:50 pm - 4:30 pm

**SPEAKER**

- ▶ COL Nathaniel Farmer, USA, *Director of Training & Leader Development, U.S. Army CBRN School, TRADOC*

4:30 pm - 4:40 pm

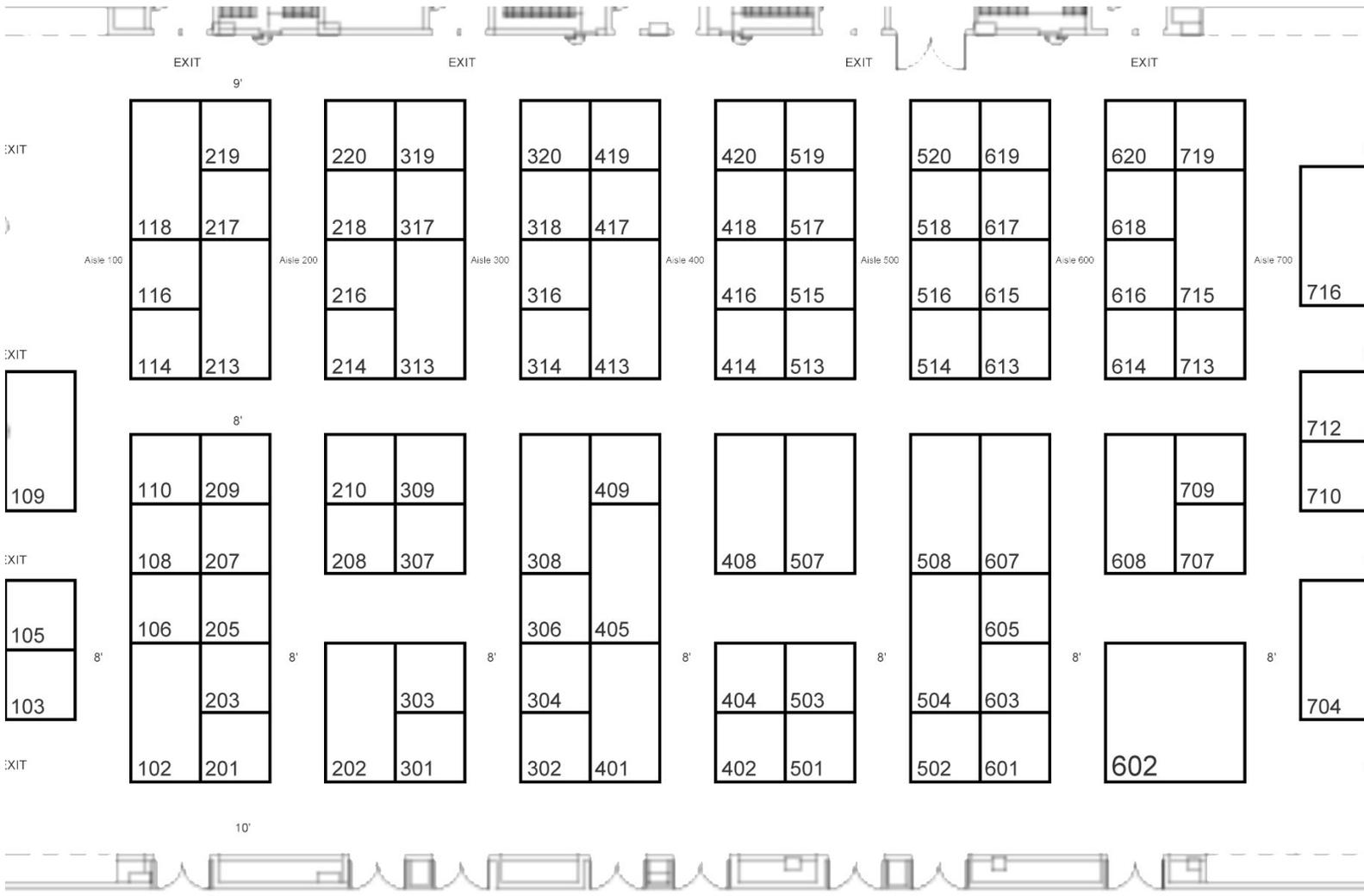
**CLOSING COMMENTS**

- ▶ BG Dean Ertwine, USA (Ret), *Vice President, Army Sector, Battelle Eastern Science and Technology Center; Chairman, NDIA Chemical Biological Defense Division*

4:40 pm

**CONFERENCE ADJOURNS**

# EXHIBIT HALL FLOOR PLAN



## EXHIBITORS BY ORGANIZATION

<u>COMPANY NAME</u>	<u>BOOTH LABEL</u>	<u>COMPANY NAME</u>	<u>BOOTH LABEL</u>
AGILENT TECHNOLOGIES	709	OAK RIDGE NATIONAL LABORATORY	114
AIR TECHNIQUES INTERNATIONAL	301	OHD	616
AIRBOSS-DEFENSE	320	ORTEC/ADVANCED MEASUREMENT	
AKZONOBEL AEROSPACE COATINGS	317	TECHNOLOGY	307
ANP TECHNOLOGIES, INC.	515	PATHSENSORS, INC	314
ARGON ELECTRONICS	614	PHOENIX GROUP	108
ARISTATEK, INC.	203	PINE BLUFF ARSENAL	504
AVON PROTECTION SYSTEMS	413	POLARIS INDUSTRIES	313
BATTELLE	401	PRODUCTION PRODUCTS	503
BERTIN TECHNOLOGIES	306	PROENGIN INC.	214
BLAUER MANUFACTURING CO., INC.	712	QINETIQ NORTH AMERICA	217
BLOCK ENGINEERING/MEMS, LLC	105	QUICKSILVER ANALYTICS, INC.	605
BRUKER DETECTION CORPORATION	608	RAE SYSTEMS	201
CALGON CARBON CORPORATION	213	REMPLOY FRONTLINE	418
CBRNIAC	319	RESPONDER KNOWLEDGE BASE(RKB)	516
CCRA	109	RSDECON - A BRACCO COMPANY	205
CHEMRING NORTH AMERICA	618	SCIENCE APPLICATIONS INTERNATIONAL	
CLIMATRONICS CORPORATION	603	CORPORATION	607
COASTAL ENVIRONMENTAL SYSTEMS	316	SCOTT SAFETY	304
COBRA SOFTWARE / DEFENSE GROUP	601	SIGNATURE SCIENCE, LLC	713
CRISTANINI S.P.A	207	SMITHS DETECTION	602
CUBRC	409	SRC, INC.	303
DELTANU	620	STERIS CORPORATION	501
DELTA-XRAY, INC.	517	TACTICAL DEFENSE MEDIA	416
DRAEGER	619	TEX-SHIELD, INC	508
EDGEWOOD CHEMICAL BIOLOGICAL CENTER	704	THERMO SCIENTIFIC	102
ENSCO, INC.	308	TRELLEBORG PROTECTIVE PRODUCTS	520
ENVIRONICS USA	110	TROJAN DEFENSE LLC	209
FALCON COMMUNICATIONS	116	TSI, INC	417
FEDERAL RESOURCES SAFE MEASURES	405	U.S. ARMY CHEMICAL MATERIALS AGENCY	518
FIRST LINE TECHNOLOGY	502	URS	318
FLIR SYSTEMS	218	US ARMY ARDEC / ARMAMENT SEC	710
GEOMET	507	US ARMY DUGWAY PROVING GROUND	716
HDT GLOBAL	404	USAA	216
HYGIE-TECH USA, INC.	419	UTILIS USA	408
IDAHO TECHNOLOGY, INC.	302	W.L. GORE & ASSOCIATES, INC.	519
IMMEDIATE RESPONSE TECHNOLOGIES	715	XT SAFETY, LLC	210
INFICON	414		
INNOVAPREP LLC	220		
JOINT RESEARCH AND DEVELOPMENT, INC.	513		
K-CON INC.	309		
KD ANALYTICAL, INC.	719		
LAURUS SYSTEMS	707		
LION	420		
MACAULAY-BROWN, INC	617		
MILITARY MEDICAL/CBRN TECHNOLOGY	106		
MKS INSTRUMENTS	615		
MORPHIX TECHNOLOGIES	514		
MORPHO DETECTION - FORMERLY GE SECURITY	103		
MRIGLOBAL	613		
NAVAL RESEARCH LABORATORY	208		
DUPONT	118		
NORTHROP GRUMMAN CORPORATION	202		
NUCSAFE, INC.	219		

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<u>COMPANY NAME</u>	<u>BOOTH LABEL</u>	<u>COMPANY NAME</u>	<u>BOOTH LABEL</u>
THERMO SCIENTIFIC	102	FIRST LINE TECHNOLOGY	502
MORPHO DETECTION - FORMERLY GE SECURITY	103	PRODUCTION PRODUCTS	503
BLOCK ENGINEERING/MEMS, LLC	105	PINE BLUFF ARSENAL	504
MILITARY MEDICAL/CBRN TECHNOLOGY	106	GEOMET	507
PHOENIX GROUP	108	TEX-SHIELD, INC	508
CCRA	109	JOINT RESEARCH AND DEVELOPMENT, INC.	513
ENVIRONICS USA	110	MORPHIX TECHNOLOGIES	514
OAK RIDGE NATIONAL LABORATORY	114	ANP TECHNOLOGIES, INC.	515
FALCON COMMUNICATIONS	116	RESPONDER KNOWLEDGE BASE(RKB)	516
DUPONT	118	DELTA-XRAY, INC.	517
RAE SYSTEMS	201	U.S. ARMY CHEMICAL MATERIALS AGENCY	518
NORTHROP GRUMMAN CORPORATION	202	W.L. GORE & ASSOCIATES, INC.	519
ARISTATEK, INC.	203	TRELLEBORG PROTECTIVE PRODUCTS	520
RSDECON - A BRACCO COMPANY	205	COBRA SOFTWARE / DEFENSE GROUP	601
CRISTANINI S.P.A	207	SMITHS DETECTION	602
NAVAL RESEARCH LABORATORY	208	CLIMATRONICS CORPORATION	603
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PROENGIN INC.	214	BRUKER DETECTION CORPORATION	608
USAA	216	MRIGLOBAL	613
QINETIQ NORTH AMERICA	217	ARGON ELECTRONICS	614
FLIR SYSTEMS	218	MKS INSTRUMENTS	615
NUCSAFE, INC.	219	OHD	616
INNOVAPREP LLC	220	MACAULAY-BROWN, INC	617
AIR TECHNIQUES INTERNATIONAL	301	CHEMRING NORTH AMERICA	618
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ORTEC/ADVANCED MEASUREMENT		AGILENT TECHNOLOGIES	709
TECHNOLOGY	307	US ARMY ARDEC / ARMAMENT SEC	710
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STERIS CORPORATION	501		

**MR. PETER BECHTEL**

Mr. Bechtel is responsible for the development of Department of the Army strategic policies and plans in order to influence National and Defense strategies and to generate Army forces' activities and programs. In particular, he directly oversees the formulation and integration of strategies and plans for key global strategic enabling capabilities and for regionally available multi-purpose forces. Mr. Bechtel also leads a Field Operating Agency to implement Combating WMD initiatives in direct support of USSTRATCOM and the Defense Threat Reduction Agency; he deploys planning and analytic support to theater headquarters.

Specific focus areas include the development of Army Space requirements, ranging from assured communications to operational missile warning and tactical intelligence needs, in close synchronization with the National Security Space Office, the National Reconnaissance Office, the Operationally Responsive Space Office, and Army Components. Mr. Bechtel oversees Army missile defense strategic planning and programming efforts, in coordination with the STRATCOM JFCC-IMD and the Army Space and Missile Defense Command, and also serves on the Army-Missile Defense Agency Board of Directors. Mr. Bechtel is responsible for Army strategic planning across all of the Combating WMD mission areas within the areas of nonproliferation, counter proliferation, and consequence management. He is responsible for Army treaty compliance actions and provides support to ongoing chemical demilitarization actions.

**MR. JAMES COOKE**

Mr. Cooke is the Assistant Deputy Under Secretary of the Army for Test and Evaluation (T&E). He provides oversight of all T&E capabilities for Major Army Acquisition Category I and II programs, and for all Department of Defense Chemical and Biological Defense Program activities. He serves as the integrator and primary agent for the Secretary of the Army to coordinate T&E positions on issues and reports with the other Military Departments, the Office of the Secretary of Defense, the Joint Staff, and Congress. Mr. Cooke is responsible for development of the Army T&E Strategic Plan, all Army T&E regulations and policies, and the resources and funding for labor, infrastructure, instrumentation, and test-related models and simulations, throughout the Army T&E Enterprise.

From November 2010 to August 2011, Mr. Cooke was assigned temporary duty as Director, United States Forces-Iraq (USF-I), Office of Security Cooperation (OSCI), Transition Team. He and his highly specialized joint team, planned the establishment of the largest Office of Security Cooperation in the world, with 10 locations, 157 personnel, and nearly 8 billion dollars in Foreign Military Sales cases. Mr. Cooke developed Force Protection transition strategies for both US/NATO forces and Department of Defense and Department of State, which were approved by CENTCOM and the U.S. Ambassador. His team's site by site planning for relief in place and transfer of authorities for equipment, contracts, and force protection assets, was critical to allowing combat units to begin departure from Iraq in accordance with U.S. government agreements with the Government of Iraq.

As an officer at the Army's Operational Testing Agency, Mr. Cooke was the primary evaluator for the Bradley A2, Army use of the C-17, and the Javelin. On the Army Staff, he wrote the "how-to" book on creating Test and Evaluation Master Plans (TEMPs), and established guidelines for using software metrics to support testing of Information Technology and embedded electronics programs. As the Director of the Joint Staff J8 Resources and Joint Planning Division, and later as the Chief of Analysis for the J8, Mr. Cooke supervised the Modern Aids to Planning Program to provide Combatant Commanders with modern decision aids, and wrote the first Joint Staff directives for development of Modeling and Simulation (M&S) Architectures. Later, working in the Program Analysis and Evaluation Directorate of the Office of the Secretary of Defense, he led analysis of major Army programs and portfolio investment analysis across all Army program and budget lines, with direct responsibility for weapons and tracked combat vehicles, missiles, and the Army's testing and analysis funding. As the Special Assistant for Systems and Director for Analysis on the Army Secretariat Staff, he provided policy formulation and program direction of operations research and systems analysis for all material acquisition programs, worth more than \$2.5 billion. As the first Director of Army Battle Command/LandWarNet, he established the Army's centralized competencies in fielding all battle command systems throughout the Army and executed the Director and Army Chief Architect responsibilities of the G-3/5/7 for governance and oversight of all Army IT investments, worth over \$11 billion per year. His most recent assignment was as the Army's Director for Models and Simulations under the Deputy Chief of Staff for Operations, G-3/5/7, in which he was responsible for strategic oversight of all Army M&S programs and developments, in order to create unity of effort and purpose. He was also the functional proponent and branch head for Modeling and Simulation, which encompassed over 400 officers and 1,000 civilians.

**COL FRANK COX, USA (RET)**

As Executive Vice President, Business Development, Frank is responsible for the development of major business opportunities for the South Carolina Research Authority (SCRA). The focus of the business development is primarily federal, state, and local government agencies, but also, SCRA supports economic development initiatives in the State and in the private sector.

Prior to joining SCRA, he was a Senior Market Manager and Business Developer at Battelle Memorial Institute where he was responsible to develop and coordinate defense-related technology programs. He provided business development

support to the National Security Division and relevant technology business units. In 2005, Frank was promoted to be the Vice President for Business Development for Battelle Science and Technology International. He was responsible for the development of new business strategies and the support of existing programs and clients. He was also responsible for the development of strategic markets, the development of a standardized market management and sales pipeline process for the Institute, and the integration of business across the various business units within the 5,500 staff members of Battelle.

On active duty in the Army for 26 years, he served as the Duty Chemical Officer in the Office of the Secretary of Defense, commanded Dugway Proving Grounds, served on the Joint Staff, and had a number of assignments leading and serving our soldiers. He retired in July 1994.

### **MR. RICK DECKER**

#### **Career Chronology:**

- May 2010 to Present: Retired from Federal Service. Seasonal and Volunteer Ranger and Historical Weapons Safety Officer for Maryland Park Service, Department of Natural Resources.
- February 2008 – April 2010: Technical Director, Edgewood Chemical Biological Center, an element of the U.S. Army Research Development and Engineering Command, Aberdeen Proving Ground, MD. In this capacity, he directs the execution of research and development for the Department of Defense's non-medical chemical and biological defense programs. Mr. Decker oversees approximately 1,600 personnel located at Aberdeen Proving Ground, MD; Pine Bluff Arsenal, AR; and Rock Island Arsenal, IL, who conduct research, engineering and field operations in support of the joint services and civilian government agencies.
- February 2005 – February 2008: Director of Engineering, Edgewood Chemical Biological Center, Research Development and Engineering Command, Aberdeen Proving Ground, MD
- February 2005 – Selected for Senior Executive Service, US Army
- June 2002 – February 2005: Deputy Joint Program Executive Officer for Chemical Biological Defense, Fort Belvoir, VA
- September 2001 – June 2002: Deputy Director, Engineering Directorate, Edgewood Chemical Biological Center, Soldier Biological Chemical Command, Aberdeen Proving Ground, MD
- June 1998 – September 2001: Systems Manager, Joint Service General Purpose Mask, Joint Program Manager for Nuclear Biological Chemical Defense, Aberdeen Proving Ground, MD
- February 1986 – June 1998: Systems Manager, Army and Multi-Service Protective Masks; M157A2/M1059 Mechanized Smoke Systems and Joint Smoke Programs, Program Manager Smoke/Obscurants, Aberdeen Proving Ground, MD
- June 1981 - February 1986: Program Manager for Protective Mask, ILC Dover, Frederica, DE
- Jun 1983 to Aug 1983: Director for Biomedical Engineering at Montebello Rehabilitation Center and Shock Trauma, Maryland Emergency Medical Services, University of Maryland.

### **COL BERNARD DEKONING, USA**

COL Bernard L. DeKoning was born on February 22, 1956, and is a native of Eindhoven, The Netherlands with Chicago, Illinois, as his home of record. He came on active duty in the United States Army in July of 1985, after completion of medical school and family medicine training.

COL DeKoning's duties and assignments have included: Commander, 6th General Dispensary, Brunssum, The Netherlands; Staff Family Physician and, later, Chief, Dept. of Family Practice, 5th General Hospital, Bad Cannstatt, Germany; Chief, Family Practice Service, Eisenhower Army Medical Center, Fort Gordon, Georgia.; Chief, Emergency Medicine Service, Medical Element, Joint Task Force Bravo, Soto Cano Airbase, Honduras; Division Surgeon, 24th Infantry Division (Mechanized), Fort Stewart, Georgia.; Command Surgeon, Army Central Command-Kuwait, Camp Doha, Kuwait; Combat Developer, Army Medical Dept. Center and School, Fort Sam, Texas; Deputy Commander for Clinical Services, Winn Army Community Hospital, Fort Stewart, Georgia.; Commander, Task Force Medical Falcon and Command Surgeon, Task Force Falcon, Camp Bondsteel, Kosovo; Commander, 67th Combat Support Hospital and the Wurzburg Medical Department Activity, Wurzburg, Germany; Command Surgeon, US Army Training and Doctrine Command, Fort. Monroe, Virginia.; Commander, US Army Medical Department Activity and Director of Health Services, Fort Hood, Texas; Assistant Surgeon General for Force Projection, Pentagon, Washington, DC; Commander, 30th Medical Command, Heidelberg, Germany; Command Surgeon, Multi-National Security Transition Command-Iraq (MNSTC-I)/ Senior Medical Advisor to the Iraq Ministry of Defense and Ministry of Interior; and Director of Clinical & Healthcare Business Operations (J3B) Joint Task Force, National Capital Region Medical (JTF-CapMed). COL DeKoning assumed command of the U.S. Army Medical Research Institute of Infectious Diseases in September 2011.

### **BG DEAN ERTWINE, USA (RET)**

Brigadier General (Retired) Dean R. Ertwine joined Battelle in October of 2002, after a 31 year career in the U.S. Army. Since then, he has served as Vice President for the Army Sector, responsible for Battelle's Army customer relations and business development.

As a former Army Acquisition Officer, Dean has over 25 years of experience in managing technology development,

systems engineering, program management, and materiel testing. In a series of command and staff assignments, General Ertwine served as Commander of the U.S. Army Cold Regions Test Center at Fort Greely, Alaska; Commander of the Fire Support Armaments Center at Picatinny Arsenal, New Jersey; Executive Officer to the Assistant Secretary of the Army for Research, Development and Acquisition at the Pentagon, Washington, DC; Deputy Commanding General for Systems Acquisition at the Communications and Electronics Command, Fort Monmouth, New Jersey; and as Commanding General of the U.S. Army Developmental Test Command at Aberdeen Proving Ground, Maryland.

Dean resides in Bel Air, Maryland, where he serves as a board member for the Aberdeen Army Alliance and the Greater Baltimore Committee, and also on the Maryland Military Installation Council, and several other civic organizations. He also serves on the Army Science Board, and as Chairman of the CBRN Division of the National Defense Industrial Association.

#### **DR. GEORGE FAMINI**

Dr. Famini is the Director of the Chemical Security Analysis Center (CSAC), established under the U.S. Department of Homeland Security (DHS) in 2006. This center, co-located with Department of Defense assets at Aberdeen Proving Ground, MD. provides a scientific basis for the awareness of chemical threats and the assessment of risk to the American public due to chemical hazards. The CSAC, under Dr. Famini, has established itself as a key interagency resource for chemical terrorism information, and has ongoing interagency collaboration with several key Departments, including the Department of Health and Human Services, Department of Defense, the FBI, the EPA, and other key assets within DHS. Prior to this assignment, Dr. Famini was the Chief of the International Division of the Edgewood Chemical Biological Center for 12 years. In this role, he was responsible for the identification of cooperative opportunities with the military and industry of other countries, the development of agreements to carry out those collaborations, and the management of the agreements to assure a successful conclusion.

As a research chemist working in the area of applied computational chemistry, he has published over 50 technical reports and 80 journal articles addressing the use of theoretical chemistry in understanding physical, chemical and biological properties of chemical compounds. Methodologies he has developed in the areas of linear free energy relationships are in use today at several industrial companies, including Abbott and Kodak. He completed a six year appointment to the editorial board of the Journal of Pharmaceutical Sciences, and is on the editorial board of the Journal of Molecular Graphics and Modeling.

Dr. Famini is active in the American Chemical Society (ACS), where he served as Program Chair for the Division of Computers in Chemistry (COMP). He served on a special ACS committee celebrating the use of science and chemistry in the 21st Century. He has also been appointed as a Fellow to the International Union of Pure and Applied Chemistry, and consults with the Subcommittee on Theoretical Chemistry.

#### **COL NATHANIEL FARMER, USA**

Colonel Nathaniel W. Farmer, a native of Kentucky, was commissioned as a Second Lieutenant, United States Army Chemical Corps Officer, upon graduation from Western Kentucky University (WKU) in 1989. Colonel Farmer holds a Bachelor of Science degree in Secondary education from WKU and a Master of Science Administration degree in Human Resource Management from Central Michigan University. He is a Distinguished Military Graduate from WKU Army Reserve Officers Training Corps (ROTC).

His military education includes the Command and General Staff College, CAS3, Jump Master School, Airborne School, Air Assault School, Technical Escort School, Army Force Management School, Nuclear/Chemical Target Analysis School, Chemical Officer Advance Course, and Chemical Officer Basic Course.

Colonel Farmer has served in all levels of command, from platoon leader to Battalion Commander. He also has served at all levels of staff, from Battalion to Army level. Most of Colonel Farmer's significant assignments were in Light Infantry and Special Forces Units. From 1990 to 1993, he was assigned to 4th Bn 87th Infantry, 25th ID, as the Battalion Chemical Officer and did two tours with Special Forces; from 1994 to 1996, he was with 7th Special Forces Group (A), as the Chemical Detachment Commander; and from 2001 to 2003, he was with 5th Special Forces Group (A), as the Group Chemical Officer. He has also served as an aide to camp and an Executive Officer for General Officers.

He has deployed to both OEF and OIF with the 5th Special Forces Group (A). He deployed as part of the Joint Special Operations Task Force-North (JSOTF-N), and later as part of the Joint Special Operations Task Force-West (JOSTF-W). Colonel Farmer has also served as Battalion Commander, U.S. Army Reserve Officer Training Corps, at Georgia Institute of Technology.

Colonel Farmer currently serves as the Director of Training and Leader Development for the United States Army CBRN School at Ft. Leonard Wood, Missouri.

#### **DR. JOHN FERRITER**

John M. Ferriter is a Senior Vice President for Strategic Program Development. In this role, he is focusing on key markets for SAIC. From October 2005 to June 2010, John was the Senior Vice President and General Manager of the Homeland Protection and Preparedness Business Unit, operating within SAIC's Infrastructure, Logistics and Product Solutions

Group. Headquartered in Abingdon, Maryland, the BU focused on all hazards preparedness training and exercise; chemical, biological, radiological, nuclear and explosive (CBRNE) defense solutions; integrated logistics; and systems engineering and integration.

He retired in 2004, as a member of the Senior Executive Service, after a thirty-three year career with the U.S. Government. Initially an engineer supporting the Binary Chemical Weapons Program, he later served as the Director for Munitions, Director for Detection, Director for Research and Technology, Director for Engineering at the Edgewood Chemical Biological Center, and the Director of Operations for the Chemical Materials Agency. John has provided oversight to research and development programs in contamination avoidance, individual and collective protection, decontamination, smoke and obscurants, anti-materiel, and non-lethal chemical materiel. His expertise lies in chemical and biological defense, chemical demilitarization, stockpile emergency preparedness, and installation management. Before joining SAIC in 2005, John was the COO for GEO-CENTERS, INC., a technology, research and development firm

#### **DR. D. CHRISTIAN HASSELL**

David Christian ("Chris") Hassell was appointed as Director of the FBI Laboratory in June 2008, by FBI Director Robert Mueller. Dr. Hassell came to the Bureau from the Oklahoma State University Multispectral Laboratories, where he led Research, Development, Testing, and Evaluation. He previously served as Assistant Vice President for Science and Technology at Applied Marine Technologies Incorporated. Prior to that position, he led programs in analytical chemistry, instrumentation development, and forensics and attribution for weapons of mass destruction at Los Alamos National Laboratory. During this time, he also served as a subject matter expert for chemical/biological warfare on the Iraq Survey Group. Earlier in his career, he was a Senior Research Chemist for DuPont, developing online analytical instrumentation for chemical and bioprocess facilities in research and manufacturing.

Dr. Hassell earned his PhD in Analytical Chemistry from the University of Texas and his Bachelor of Science degree in Chemistry from Brigham Young University.

#### **DR. MICHAEL KULIASHA**

Dr. Michael A. Kuliasha is the Director, Nuclear Technologies Directorate, Defense Threat Reduction Agency (DTRA), Fort Belvoir, Virginia. Dr. Kuliasha leads DTRA's Nuclear Science and Technology Program, including nuclear weapons effects, advanced nuclear detector development, nuclear survivability, treaty verification technologies, and nuclear forensics. From 2007 to 2010, Dr. Kuliasha served as the Chief Technologist of the Air Force Research Laboratory (AFRL) at Wright-Patterson AFB, Ohio. As the Senior Science and Technology (S&T) Leader at AFRL, he had primary responsibility for the technical content and quality of AFRL's \$4.5 billion per year S&T portfolio and workforce of over 10,800. Prior to 2007, Dr. Kuliasha held a variety of leadership positions over his 30-year career at Oak Ridge National Laboratory (ORNL) in Oak Ridge, Tennessee, including Associate Laboratory Director for Computing, Robotics, and Education (Acting); Director of the Computational Physics and Engineering Division; Associate Director of the Energy Division; Chief Scientist for National Security; and Director for Homeland Security.

Dr. Kuliasha has a Bachelor of Science degree in Mathematics, a Minor in Biology and Chemistry, a Master of Science and a Doctorate degree in Nuclear Engineering, from the University of New Mexico. He is a graduate of The Executive Program at the University of Virginia's Darden Graduate School of Business Administration.

#### **DR. RANDOLPH LONG**

Dr. S. Randolph Long joined the Department of Homeland Security Science and Technology (S&T) Directorate as a Science Advisor in December 2005. He has served as Deputy Director, and currently serves as Acting Director, Chemical and Biological (CB) Division. Prior to March 2008, he served first as Director, Chemical Countermeasures Portfolio, and then as Chief Technical Adviser for the CB Division. He served as interim Chemical Countermeasures Director during a two-year detail (2004-2005), from the U. S. Army Edgewood Chemical Biological Center.

In his several positions at DHS S&T Directorate, Dr. Long has been responsible for collaborating with the staff of the Executive Office of the President, as well as other Executive departments and agencies, to develop policy and national program priorities to improve the nation's defenses against chemical and biological threats. He was charged with and is responsible for developing the strategy and objectives of the DHS Chemical Countermeasures Program. He served in acting capacity as the first Transition Manager for the division (May 2006 - May 2007). As Chair of the Network Coordinating Group of the Integrated Consortium of Laboratory Networks, he plays a key role in enhancing the nation's response capability to chemical, biological, and radiological hazards by working to integrate response capabilities of laboratory networks sponsored by Departments of Agriculture, Health and Human Services, and Defense and the Environmental Protection Agency. He has guided the development and transition of several operational capabilities, including a mobile chemical laboratory and a fixed laboratory system capable of analysis of environmental sample containing chemical warfare agents, to EPA, as well as a rapidly deployable chemical detection system to OHA.

**DR. TARA O'TOOLE**

*Dr. O'Toole was sworn in as Under Secretary for Science and Technology at the Department of Homeland Security on November 12, 2009.*

*Created at the same time as the Department, the Science and Technology Directorate's mission is to strengthen America's security and resiliency by providing knowledge products and innovative technology solutions for the Homeland Security Enterprise. The Directorate's partners comprise the Department of Homeland Security's operational components; first responders; the private sector and other members of the Homeland Security Enterprise. As Under Secretary for Science & Technology, Dr. O'Toole oversees the Directorate and serves as the Science Advisor to the Secretary of Homeland Security.*

*Dr. O'Toole is internationally known for her work on biosecurity and on health and safety issues related to the U.S. nuclear weapons complex. Prior to serving at DHS S&T, Dr. O'Toole was the CEO and Director of the Center for Biosecurity at the University of Pittsburgh Medical Center (UPMC), and Professor of Medicine and of Public Health at the University of Pittsburgh from 2003 to 2009. Prior to founding the UPMC Center, Dr. O'Toole was one of the original members of the Johns Hopkins Center for Civilian Biodefense Strategies, serving as its Director from 2001 to 2003. At both centers, she created independent organizations dedicated to improving the country's resilience to major biological threats.*

*Dr. O'Toole was a founding Coeditor-in-Chief of the journal *Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science*. She was a principal author and producer of *Dark Winter*, an influential exercise conducted in June 2001, to alert national leaders of the dangers of bioterrorist attacks. She was also a principal writer and producer of *Atlantic Storm*, an international ministerial-level biosecurity exercise held in 2005. She is a member of the Council on Foreign Relations and served as the Chair of the Board of the Federation of American Scientists.*

*From 1993 to 1997, Dr. O'Toole served as Assistant Secretary of Energy for Environment, Safety and Health. In this position, she was principal advisor to the Secretary of Energy on environmental protection and on the health and safety of approximately 100,000 workers in the U.S. nuclear weapons complex and Department of Energy (DOE) laboratories. She developed the first overall management and safety plan for dealing with the highly enriched uranium, plutonium, spent fuel, and radioactive waste that had been left in place when nuclear weapons production was stopped in the early 1990's. She ran the multi-agency, multimillion-dollar task force, that oversaw the government's investigations into human radiation experiments conducted during the Cold War. She also led the U.S. delegation to Russia to establish the U.S./Russia cooperative effort to study radiation exposure and environmental hazards of the Russian nuclear weapons complex.*

*Prior to her work at DOE, Dr. O'Toole was a Senior Analyst at the Congressional Office of Technology Assessment (OTA). Dr. O'Toole also practiced general internal medicine in community health centers in Baltimore from 1984 to 1988. She is board certified in Internal Medicine and in Occupational and Environmental Health.*

*Dr. O'Toole holds a Bachelor of Science degree from Vassar College, an MD from the George Washington University, and a Master of Public Health degree from Johns Hopkins University. She completed Internal Medicine Residency Training at Yale and a fellowship in Occupational and Environmental Medicine at Johns Hopkins University.*

**DR. GERALD PARKER**

*Dr. Gerald W. Parker serves as the Deputy Assistant to the Secretary of Defense for Chemical and Biological Defense. In this role, Dr. Parker is responsible for Chemical and Biological Defense Program oversight throughout the Department of Defense and integration with our interagency and international partners. His primary goal is to steer the enterprise in countering current and emerging biological and chemical threats, to protect U.S. service members and civilians at home and abroad.*

*Prior to joining the Department of Defense in November 2010, Dr. Parker served as the Principal Deputy Assistant Secretary, Office of the Assistant Secretary for Preparedness and Response at the Department of Health and Human Services (DHHS), since July 2005. While at DHHS, Dr. Parker provided leadership in coordinating HHS-wide efforts, with respect to preparedness for and response to public health and medical emergencies, and served as a focal point for operational and policy coordination with the White House, other federal departments, Congress, state and local officials, private sector leaders, and international authorities responsible for emergency medical preparedness, and the protection of the civilian population from acts of terrorism and other public health emergencies. Dr. Parker also served at the Department of Homeland Security from April 2004 to July 2005, and he was a 2009 recipient of the Distinguished Executive Presidential Rank Award.*

*Prior to his selection into the Senior Executive Service in April 2004, Dr. Parker had 26 years of distinguished active U.S. Army service as a researcher, team leader, Division Director, Program Director, and Laboratory Commander from 1977 to 2004.*

*During his military career, Dr. Parker held a variety of positions, including Assistant Deputy for Research and Development, Director for the Medical Chemical and Biological Defense Research Program, and Deputy Director for the Combat Casualty Research Program at the U.S. Army Medical Research and Materiel Command.*

### **BG LUCAS POLAKOWSKI, USA**

Brigadier General (BG) Polakowski has been assigned to the Joint Staff since March 1, 2011. He was commissioned Regular Army Ordnance Corps in 1979, from The Citadel. He was re-commissioned Chemical Corps, Army Reserve in 1983.

Previous assignments include: Commander, 415th Chemical Brigade; Deputy Commander, 90th Regional Readiness Command; Commander, 460th Chemical Brigade; Deputy Director, US Army Joint Support Element; Commander, Army Reserve Unit – Consequence Management; Commander, 7th Battalion (TC)(TASS), 80th Division (IT); Chemical Officer, 311th Theater Army Signal Command; Mobilization Officer, 80th Div (IT); Operations Officer, 2d Bn/317th Regt, 80th Div; Assistant Brigade Operations Officer, 4th Brigade, 80th Div, Commander, Company A, 1/317th Regt; Chemical Ammunition Staff Officer, 310th Theater Army Area Command; Assistant Chemical Staff Officer, 419th Chemical Detachment (JB); Chief, Operations Division, Technical Escort Unit (TEU); Chief, Safety & Security Division, TEU; EOD Escort & Disposal Officer, TEU.

BG Polakowski received a B.A. degree in Political Science (Pre-Law) from The Citadel in 1979, an M.S. in Information Systems from The American University in 1996, and a Master of Strategic Studies from the United States Army War College in 2005. BG Polakowski is designated as a Nuclear and Counterproliferation and Explosive Ordnance Disposal Officer. BG Polakowski is a graduate of the United States Army Command and General Staff College, United States Army War College, and the Federal Executive Institute.

### **COL HEINRICH REYES, USA**

Colonel Heinrich Reyes assumed duties as the NGB-J39 Combating Weapons of Mass Destruction (WMD) Division Chief on November 1, 2010. Colonel Reyes is responsible for assisting the NGB J3/7 in the direction and control of all National Guard Civil Support Teams (CSTs), Chemical, Biological, Radiological, Nuclear (CBRN) Enhanced Response Force Packages (CERFPs), and implementation of the Homeland Response Force (HRF), through planning, coordinating, and information sharing. Additionally, Colonel Reyes is the Program Manager (PM) for the CST and the HRF/CERFP programs.

Colonel Reyes' military career began in 1973, serving four years active duty in the U.S. Marine Corps as a Ground Radio Repairman. He joined the Army National Guard in July 1980, as a Communications-Electronics Maintenance NCO. Colonel Reyes was commissioned in 1982, through the state Officer Candidate School, Alabama Military Academy. In his previous assignments, he has served as the Deputy Chief of Staff Information Management (J-6), Deputy Chief of Staff Personnel (J-1), Director of Human Resources, Joint Force Headquarters Alabama; Joint Assignment Officer, Operations Officer (G-3), 142nd Signal Brigade; Public Affairs Officer, Joint Forces Headquarters Alabama; Battalion Commander, Executive Officer and Operations Officer, 279th Signal Battalion; Company Commander and Platoon Leader, HHC, 279th Signal Battalion.

In his civilian career, Colonel Reyes retired as Chief of Police for the Huntsville, Alabama Police Department, having served 30 years with the City of Huntsville. During his career with the Huntsville Police Department, Colonel Reyes began as Patrol Officer and served in numerous positions, to include SWAT Team member, DUI Task Force Commander, Police Academy Director, Special Operations Division Commander, Deputy Chief of Police, and Chief of Police. While assigned as the Special Operations Commander, Colonel Reyes was the WMD Commander trained in CBRN operations, to include numerous incidents of anthrax (white powder) call-outs after the 9/11 incident, bomb threats, large special events, and was a member of the Executive Council for the FBI Joint Terrorism Task Force in Alabama. He also served as the Incident Commander during the Eric Rudolph trial in Huntsville.

### **BG JESS SCARBROUGH, USA**

Brigadier General Scarbrough is the new Joint Program Executive Officer for Chemical and Biological Defense. His responsibilities include the research, development and acquisition of all chemical and biological defense equipment and medical countermeasures for the United States Armed Services.

He was commissioned a Second Lieutenant in Air Defense Artillery (AD) after graduating from the University of Arizona with a Bachelor of Arts Degree in Political Science. Upon graduation, he was assigned to the United States Army – Europe (USAREUR) and Seventh Army as a Unit Commander responsible for Nuclear Surety on a NATO Nike Hercules AD Missile Site.

In 1985, BG Scarbrough was reassigned to III Corps and Fort Hood, Texas, where he served in multiple operational assignments as a Battalion S4 and Battery Commander in a Division AD Chaparral/Vulcan Battalion. In 1988, he was reassigned to the 31st Air Defense Artillery Brigade, III Corps and served as the Chief of the Air Defense Element. In 1989, BG Scarbrough entered into his functional area; research, development and acquisition and has served in numerous acquisition management and staff positions to include: Project Manager for the Army's Tactical Exploitation of National Capabilities Program and Director, Army Space Program Office; Program Executive Office (PEO) for Intelligence, Electronic Warfare and Sensors (IEW&S); and Product Manager for the Army's Information Warfare Program, PM Signals Warfare, PEO IEW&S.

BG Scarbrough's other assignments include Program Director, Special Operations and Conventional Special Programs, Office of the Under Secretary of Defense for Acquisition and Technology; Director, International Cooperative Programs Activity, United States Army Research, Development and Engineering Command; Chief of Staff to the Army Acquisition Executive, and Assistant Deputy, Acquisition and Systems Management, Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology. BG Scarbrough has earned two Masters Degrees in Business Administration from the University of Oklahoma and in Strategic Studies from the United States Army War College. Other professional schooling includes the AD Officer Basic and Advanced Courses, the Army's Command and General Staff College, the Air Force Air Command and Staff College, the Department of Defense Systems Management College, and the National Defense University's CAPSTONE General and Flag Officer Course.

#### **COL PETER SCHULTHEISS, USA**

COL Peter J. Schultheiss serves as the Commanding Officer of the United States Army Medical Research Institute of Chemical Defense (USAMRICD) on Aberdeen Proving Ground, Maryland. A U.S. Army Veterinary Corps Officer, COL Schultheiss completed a residency in Laboratory Animal Medicine at the Walter Reed Army Institute of Research from 1991 to 1995, culminating in certification by the American College of Laboratory Animal Medicine. He has directed animal care and use programs at the Naval Medical Center San Diego (1995-1997) and the Uniformed Services University of Health Sciences (2003-2005), and served as Deputy Director of the Division of Veterinary Medicine, US Army Medical Research Institute of Infectious Diseases (USAMRIID) (1997-1999).

Following a one-year training with Industry assignment with Animal Care, United States Department of Agriculture in 2000, COL Schultheiss served as Special Assistant for Veterinary Medicine to the Navy Surgeon General (2000-2002). Previous command experience includes the 73rd Veterinary Detachment, Fort Lewis, WA, during which the unit deployed to Southwest Asia for Operations Desert Shield and Desert Storm (1989-1991), and the National Capital District Veterinary Command at Fort Belvoir, VA (2002-2003). He directed the U.S. Army Medical Research and Materiel Command's Animal Care and Use Review Office and the U.S. Army Laboratory Animal Medicine Residency Program from 2005 to 2008. He served as USAMRICD's Deputy Commander for Administration from 2008 to 2010. COL Schultheiss is a former consultant for Laboratory Animal Medicine to The Surgeon General.

#### **BG LESLIE SMITH, USA**

Brigadier General Leslie C. Smith, a native of Atlanta, GA, received a commission from Georgia Southern University (GSU) in 1983 as part of the Simultaneous Membership Program with the Georgia Army National Guard. He served as a Fire Support Team Chief in the 1-230th FA Bn of the 48th Infantry Bde. In 1985, he graduated with a B.B.A. in Accounting and as a Distinguished Military Graduate from GSU and was branched as a Chemical Officer.

From 1986 to 1989, BG Smith was assigned to 3-52d ADA Bn in Germany, where he served as the Bn Chemical Officer, Assistant S3 and HQs platoon leader. From 1990 to 1993, he was assigned to the 82d Airborne Div in Ft Bragg, NC, and served as the 82d Div Chemical Section Staff Officer, DIVARTY Chemical Officer and 21st Chemical Company Commander. While in the 82d ABN DIV, he deployed as part of Operations Desert Shield and Desert Storm.

From 1993 to 1996, he served in the Chemical Branch PERSCOM in Alexandria, VA. He served as both the future readiness officer of the branch and then as the company grade assignments officer. From 1997-1999, he was assigned to Taegu, South Korea to the 23d Chemical Battalion, first as the Operations Officer and then XO.

From June 1999 to June 2001, he was assigned to the Joint Staff, J-5 where he served as the Chairman's representative to the Biological Weapons Convention Protocol. From June 2001 to 2003, he commanded the 83d Chemical Bn. The soldiers of the battalion participated in Operations Noble Eagle, Enduring Freedom, and Iraqi Freedom.

From July 2003 to July 2004, BG Smith served in the Army Staff, Deputy Chief of Staff for Programs, G8 as the Deputy Division Chief and Chief NBC Branch for the Full Dimensional Protection Division from July 2005 to 2007; he commanded the 3rd Chemical Bde at Fort Leonard Wood, MO. From August 2007 to June 2008, BG Smith was assigned as the G3, 20th Support Command (CBRNE). From June 2008 to June 2010, BG Smith served as the 25th Chief of Chemical and Commandant of the United States Army Chemical, Biological, Radiological, and Nuclear School.

#### **MR. JOSEPH WIENAND**

Mr. Joseph D. Wienand entered the Senior Executive Service in January 2008. He currently serves as the Acting Technical Director of the U.S. Army Edgewood Chemical Biological Center (ECBC). He directs this major Army research, development, and engineering center of approximately 1,800 scientists, engineers, and technical personnel. ECBC personnel are located at Aberdeen Proving Ground, MD; Pine Bluff Arsenal, AR; and Rock Island Arsenal, IL, and integrate life-cycle science, engineering and field operations to counter CBRNE threats to U.S. Forces and the nation.

#### **MR. BRYON YOUNG**

Mr. Bryon Young is the Executive Director of the Army Contracting Command - Aberdeen Proving Ground (ACC-APG), a major contracting center of the U.S. Army Contracting Command, located at Aberdeen Proving Ground, Maryland. He was appointed to the Senior Executive Service in November 2004.

In his capacity as Executive Director, Mr. Young manages and leads a geographically dispersed contracting center

responsible for executing more than 43,000 contracting actions valued in excess of \$21 billion, supporting Army-wide research and development efforts and mission critical contracting for the war-fighter, Program Executive Office, and institutional Army customers. Additionally he serves as the Principal Assistant Responsible for Contracting for both the Commander of the Research, Development and Engineering Command and the Commander of the Communications-Electronics Command, which, like ACC, are also major subordinate commands of Army Materiel Command.

Mr. Young's previous key acquisition assignments include; Director, U.S. Army Mission and Installation Contracting Command, ACC (Provisional), in the AMC at Fort Belvoir, Virginia; Director of the U.S. Army Contracting Agency in Falls Church, Virginia; Director, Information Technology, E-Commerce and Commercial Contracting Center; Deputy Director, Army Contracting Agency; Chief of Staff, Army Contracting Agency; Director for Contracting, Assistant Secretary of the Army-Acquisition, Logistics and Technology; Commander, Defense Contract Management Agency, Raytheon; Commander, DCMA Milwaukee; Chief Procurement Division, Defense Personnel Support Center-Europe; and Procurement Team Chief, U.S. Army Missile Command.

Prior to being assigned to the Army Acquisition Corps, Mr. Young served for 13 years as an Air Defense Officer in Army operational assignments, primarily in the XVIII Airborne Corps, 101st Airborne Div (Air Assault), 32nd Army Air Defense Command, and as an ROTC instructor at Princeton University.

**AGILENT TECHNOLOGIES - BOOTH 709**

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**AIRBOSS-DEFENSE – BOOTH 320**

AirBoss-Defense (ABD) develops and manufactures high-tech PPE against CBRN threats for the defense and all hazards security markets. With superior ergonomics and comfort, and surpassing NATO requirements, ABD gas masks, hand wear and footwear are designed to perfectly integrate with CBRN suits. ABD CBRN PPE has also been proven to be effective against a wide range of Toxic Industrial Chemicals. When it comes to user safety, AirBoss-Defense delivers The Ultimate Protection.

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**ARISTATEK, INC. – BOOTH 203**

PEAC-WMD helps responders be MORE... INFORMED – Complete CBRNE Database with Advanced Modeling/ Mapping... ORGANIZED – Incident Manger function with logging... EFFICIENT - Auto-populating ICS-NIMS forms... INTEROPERABLE – Easily share info from the scene. Get MORE today with PEAC-WMD – Stop by booth 203 today!

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**BATTELLE – BOOTH 401**

Battelle's Global National Security business applies science and technology to solve complex technical challenges for the military services and federal agencies. Including the operations of national laboratories, Battelle annually performs nearly \$1.6 billion in national security-related work contributing to advances in chemical and biological defense, homeland security, armor, technology refreshment, and undersea technology.

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Bertin Technologies is one of the leading players in the field of industrial innovation, offering a unique combination of high-end expertise and high-tech equipment.

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**CBRNIAC – BOOTH 319**

The Chemical, Biological, Radiological and Nuclear Defense Information Analysis Center (CBRNIAC), located in Aberdeen, MD, is a DoD-sponsored IAC providing authoritative CBRN Defense scientific and technical information via inquiry responses, newsletters, products, and requestor-funded support to DoD, Federal, state and local government CBRN Defense and Homeland Security agencies, and contractors.

**CCRA – BOOTH 109**

The CCRA is a professional non-profit organization dedicated to preserving the heritage and the promoting of the vitality of the US Army Chemical Corps.

Address: PO Box 437, Fort Leonard Wood, MO 65473

Phone: 573-329-0600

Website: [www.chemical-corps.org](http://www.chemical-corps.org)

Gift Shop website: [www.chemical-corps.org/store](http://www.chemical-corps.org/store)

**CHEMRING NORTH AMERICA – BOOTH 618**

Chemring Detection Systems, part of Chemring North America, offers an advanced line of point and standoff chemical and biological agent detectors and standoff explosives detection systems. Our chemical detection products include the hand-held JUNO® vapor detector and a Standoff Chemical Detector (I-SCAD®). Biological detection systems include the ATHINA Biological Security System (ABSS).

**CLIMATRONICS CORPORATION – BOOTH 603**

Climatronics Corporation, an ISO 9001:2008 company, manufactures mission-critical tactical meteorological monitoring instruments and systems for NBC agent tracking, aviation safety for manned and unmanned systems, and fire-control trajectory correction. Systems with testing to MIL-STD-810 and MIL-STD-461 requirements are fielded with domestic and international services.

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**COBRA SOFTWARE / DEFENSE GROUP – BOOTH 601**

CoBRA software is a Decision Support Tool for the full spectrum of CBRNE incident management; including pre-planning, training, exercises and response. CoBRA has been deployed to all DoD Base Fire Departments that fall under the JPEO-CBD Guardian Program and has already been deployed by National Guard Bureau HQ to all WMD Civil Support Teams. CoBRA has also been deployed to 20th Support Command CBRN.

**CRISTANINI S.P.A – BOOTH 207**

CRISTANINI is a manufacturer of CBRN decontamination/detoxification systems, machines and products for civil, industrial and military use. NATO Constructor since 1987, with AQAP 2110 Product Quality Certification and ISO 9001:2008 quality certificate.

**CUBRC – BOOTH 409**

CUBRC is a not-for-profit scientific RDT&E company that provides services in the areas of Chemical & Biological Defense, Information Exploitation, and Hypersonics. CUBRC is a recognized industry leader in the CB defense arena and provides live chemical and biological agent Test & Evaluation services to the Government and Industry partners developing countermeasures to chemical and biological threats.

**DELTANU – BOOTH 620**

**DELTA-XRAY, INC. – BOOTH 517**

We market, sell and support all high-resolution portable X-ray inspection systems produced by Vididsco, Ltd. These systems are in use by every agency of the US federal government and in sixty other countries.

**DRAEGER – BOOTH 619**

**DUPONT – BOOTH 118**

**EDGEWOOD CHEMICAL BIOLOGICAL CENTER – BOOTH 704**

ECBC is the nation's principal research and development resource for non-medical chemical and biological (CB) defense. As a critical national asset in the CB defense community, ECBC supports all phases of the acquisition lifecycle - from basic and applied research through technology development, engineering design, equipment evaluation, product support, sustainment, field operations and demilitarization - to address unique customer requirements.

**ENSCO, INC. – BOOTH 308**

ENSCO, Inc. offers security and vulnerability assessments, comprehensive predictive tools for CBRN environmental response, detector placement decision tools and integrated CBRN Detection and Warning systems to provide innovative solutions for military defense and homeland security.

**ENVIRONICS USA – BOOTH 110**

We offer handheld personal to permanent fixed detection solutions to protect individuals, buildings, metros, cities and nations from CBRN threats. Our ChemPro100i is a handheld CWA/TIC detector. Our portable CBRN Event Module is a fixed monitoring system without the installation. Our ChemProFX provides 24x7 protection from CWA/TICs.

**FALCON COMMUNICATIONS – BOOTH 116**

Falcon Communications publish CBRNe World and HazMat Responder World magazines and organise CBRNe Convergence, the leading annual conference and exhibition for CBRNE military, civil and scientific professionals from around the world. CBRNe Convergence 2012 will take place in Norfolk, Virginia, October 30th-November 2nd supported by NATO, FBI and other agencies. [www.cbrneworld.com](http://www.cbrneworld.com)

**FEDERAL RESOURCES SAFE MEASURES – BOOTH 405**

Federal Resources is a small business that brings you more than 20 years experience supporting equipment procurements for the Government in areas of Force Protection, First Response, CBRNe COTS equipment procurement and sustainment, logistics and program management.

**FIRST LINE TECHNOLOGY – BOOTH 502**

First Line Technology is an ISO9001:2008-certified manufacturer/supplier of Out of the Box Solutions for first responders and the military that has established itself as a leader in product development and deployment with innovative, simple solutions like Fibertect Dry Decon Products, heat-activated PhaseCore Cooling Vests and the AmbuBus, Bus-Stretcher Conversion Kit.

**FLIR SYSTEMS – BOOTH 218**

FLIR Systems advanced thermal imaging and threat detection systems are used for a variety of imaging, thermography, and security applications, including airborne and ground-based surveillance, condition monitoring, manufacturing process control, search and rescue, drug interdiction, transportation safety, border patrol, environmental monitoring, and chemical, biological, radiological, nuclear, and explosives (CBRNE) detection.

**GEOMET – BOOTH 507**

Geomet specializes in the custom design and manufacture of fully-integrated, rapid-deploy shelter technologies; self-contained mobile response systems for applications such as decontamination, incident command and medical treatment; personal protective and CBRN-related equipment; and innovative emergency medical and life support products.

**HDT GLOBAL – BOOTH 404**

A provider of highly-engineered mobile military and emergency response solutions, HDT Global is widely recognized for its industry-leading production of state-of-the-art, fully integrated deployable solutions. With advanced systems currently being used by the U.S. and allied military units stationed worldwide, HDT's products include shelter systems, environmental control systems, generators, heaters, air filtration devices, parachutes, aerial delivery systems, and robotics.

**HYGIE-TECH USA, INC. – BOOTH 419**

HyGie-Tech USA offers proactive, risk-oriented software solutions addressing the threat of airborne contamination. Our HG\_Flow software is a simulation program supporting critical infrastructure protection. And, it's a predictive tool that produces highly accurate virtual models of facilities, informing users where contaminants will flow, supporting risk mitigation and emergency preparedness programs.

**IDAHO TECHNOLOGY, INC. – BOOTH 302**

Idaho Technology Inc. delivers a fully integrated suite of Biological Agent Identification Systems. Since 1998 we have fielded BioSurveillance products that span the range of operations from the lab to the field, clinical diagnostics to environmental surveillance. Products include the FilmArray® BioSurveillance System, RAZOR EX BioDetection System, and JBAIDS.

**IMMEDIATE RESPONSE TECHNOLOGIES – BOOTH 715**

Immediate Response Technologies manufactures the highest quality, most technically advanced Articulating Framed Shelters, Powered Air Purifying Respirators, Negative Pressure Individual Isolation Systems and Air Filters/Cartridges anywhere. Our products are utilized by all five military branches, the National Guard, first responders/first receivers, hospitals and law enforcement personnel throughout the U.S. and around the world in 27 countries.

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HAPSITE® ER Chemical Identification Systems, the only man-portable, GC/MS, can identify trace levels of chemical warfare agents, toxic industrial chemicals, and non-toxic chemicals in air, water and soil.

**INNOVAPREP LLC – BOOTH 220**

**JOINT RESEARCH AND DEVELOPMENT, INC. – BOOTH 513**

JRAD is a small business that provides subject matter technical and scientific expertise to the DoD Chemical and Biological community. JRAD's core business encompasses assessing new and mature technologies from concept to production, facilitating Technology Transition Agreements between government agencies to ensure rapid acquisition of emerging technologies for the warfighter and complete test and evaluation life cycle support of chemical and biological (CB) equipment.

**K-CON INC. – BOOTH 309**

K-Con offers building systems and retro-fit roofing solutions, with Design/Build services, including ancillary/engineering, site preparation and installation, plus the advantages of GSA ordering, Federal Supply Schedule 056.

**KD ANALYTICAL, INC. – BOOTH 719**

**LAURUS SYSTEMS – BOOTH 707**

**LION – BOOTH 420**

Lion leads the industry in CBRN PPE with MT94™ and ICG™ series Class 2 ensembles for chem/bio protection and ERST™ extended use coveralls. Lion is the world's largest manufacturer of firefighter turnouts, gloves, helmets, and specialty uniforms. Lion TotalCare® provides a full range of services and products for maximum PPE performance

**MACAULAY-BROWN, INC – BOOTH 617**

MacB is an engineering and technical services company with 50 operating sites worldwide. We provide CBRN Defense/Emergency Management support to the Joint community. Our core capabilities include test, evaluation, and experimentation, capability integration, contractor logistics support, doctrine, and training, explosive ordnance disposal, and medical program support.

**MILITARY MEDICAL, CBRN & SPECIAL OPERATIONS TECHNOLOGY – BOOTH 106**

Military Medical/CBRN Technology is the only independent magazine focusing on the military medical community and those caring for our servicemembers. MMT covers the latest technology and applications in military medicine, from telemedicine and surgical simulation to battlefield response and evacuation, pharmaceuticals, digital imaging, and medical information technologies. A special focus is also provided for nuclear, chemical and biological protection.

**MKS INSTRUMENTS – BOOTH 615**

AIRGARD® FTIR-based air monitor by MKS can simultaneously detect, analyze and alarm on 50+ chemical warfare agents and toxic industrial chemicals in various environments. MKS Instruments, Inc. is a leading, global provider of technologies to power, control and measure advanced processes. Our served markets include homeland security, environmental monitoring, and others.

**MORPHIX TECHNOLOGIES – BOOTH 514**

The Chameleon, developed by Morphix Technologies under funding by the US Marine Corps, is a field-configurable Toxic Industrial Contaminant (TIC) detection badge. It provides low-cost, simple-to-use, hands-free chemical detection for first responder and military personnel. No power or calibration is required and it completely water-proof!

**MORPHO DETECTION - FORMERLY GE SECURITY – BOOTH 103**

GE is a leading provider of explosives detection systems for the aviation security industry. Used all over the world for screening passenger-checked luggage, GE's products and services are known for superior quality and reliability

**MRIGLOBAL – BOOTH 613**

MRIGlobal, a not-for-profit research and development organization, delivers global solutions in national security and defense, energy and environment, life and animal sciences, agriculture and food safety, and transportation. The organization performs scientific research, advanced engineering and program integration and management for clients in government, industry and academia.

**NAVAL RESEARCH LABORATORY – BOOTH 208**

The Naval Research Laboratory (NRL) operates as the Navy's full-spectrum corporate laboratory, conducting a broadly based multidisciplinary program of scientific research and advanced technological development directed toward maritime applications of new and improved materials, techniques, equipment, systems and ocean, atmospheric, space sciences and related technologies.

**[NORTHROP GRUMMAN CORPORATION – BOOTH 202](#)**

Northrop Grumman is a leading global security company providing innovative systems, products and solutions in aerospace, electronics, information systems, and technical services to government and commercial customers worldwide. Please visit [www.northropgrumman.com](http://www.northropgrumman.com) for more information.

**[NUCSAFE, INC. – BOOTH 219](#)**

Nucsafe, Inc. is a manufacturer of radiation detection and X-ray imaging solutions for military, law enforcement and first responders. Detection form factors include human portable, mobile (vehicle, maritime and aerial) and portals (pedestrian and vehicle). X-ray imaging systems are available in man portable, fixed and transportable platforms.

**[OAK RIDGE NATIONAL LABORATORY – BOOTH 114](#)**

The Computational Methods for Biosurveillance Initiative interactive website is a forum for the computational biosurveillance research community to work together to enhance automated biosurveillance decision support through developing biological threat-related information requirements, methods to fulfill those requirements, models for deriving knowledge from the integration of information, and analysis of the performance and effectiveness of this knowledge in decision making.

**[OHD – BOOTH 616](#)**

The OHD Quantifit is twice as fast as any other fit tester and more accurate. The new stand-alone option includes on-board storage of up to 500 fit tests. Quantifit features keyboard input, USB printer connection, USB memory stick port, and a simpler user interface. This advanced system is based on a patented technology called Controlled Negative Pressure (CNP), which directly measures leakage at the face-to-face piece seal.

**[ORTEC/ADVANCED MEASUREMENT TECHNOLOGY – BOOTH 307](#)**

ORTEC, a world leader in radiation detection systems, will be demonstrating the Detective-EX, the world's first portable HPGe detection system that does not require liquid nitrogen. It is widely used by state rad health departments, hazmat teams, bomb squads, customs and border protection

**[PATHSENSORS, INC – BOOTH 314](#)**

PathSensors' BioFlash-E® Biological Identifier is rugged, highly-portable and incorporates a high-volume, high-performance aerosol sampler for indoor/outdoor applications. Incorporating the CANARY® technology, the BioFlash-E® Biological Identifier provides rapid, sensitive and specific identification of up to 21 biological threat agents. The portable and compact BioFlash-E® Biological Identifier offers breakthrough capabilities in sampling performance, reliability and operational cost.

**[PHOENIX GROUP – BOOTH 108](#)**

Phoenix Group of Virginia, Inc. (Phoenix Group) is a service-disabled veteran-owned small business (SDVOSB) with management experience with the U.S. Government, NATO, and in providing commercial industry support. Our personnel have successfully supported contracts with the Department of Defense, Department of Homeland Security, National Aeronautics and Space Administration (NASA), and defense related contracts with NATO; both as a prime contractor and as a sub-contractor.

**[PINE BLUFF ARSENAL – BOOTH 504](#)**

**[POLARIS INDUSTRIES – BOOTH 313](#)**

**[PRODUCTION PRODUCTS – BOOTH 503](#)**

Production Products offers a wide range of products for personal/collective protection from Chem-Bio threats. Our materials and manufacturing processes meet the stringent requirements of our military for our Homeland Defense products. Our design team can tailor a protective shelter/product to meet current needs with scalability into future demands.

**[PROENGIN, INC. – BOOTH 214](#)**

Chemical & Biological Detection

**[QINETIQ NORTH AMERICA – BOOTH 217](#)**

QinetiQ North America's TALON® and Dragon Runner™ robots can be configured for EOD, CBRNE/Hazmat, SWAT/MP, Communications or Surveillance. More than 2,500 already in service worldwide

**[QUICKSILVER ANALYTICS, INC. – BOOTH 605](#)**

Service Disabled, Veteran Owned Small Business, providing quality chem/bio products and services. QS specializes in customization of sample collection kits. QS has lab capability to analyze CWM.

**RAE SYSTEMS – BOOTH 201**

RAE Systems Inc. is a leader in delivering personal, portable and wireless sensor solutions to serve government safety markets worldwide. Products include multi-sensor chemical and radiation detection networks, wireless gas detection systems and radiation monitors for government first responder security.

**REMPLOY/ CAMELBAK – BOOTH 418**

Remploy Frontline's core business is the design, development, manufacture and supply of CBRN PPE to Civil and Military markets around the world. Remploy works closely with a range of world class suppliers and testing houses within the industry to provide customers with a custom made solution to complex CBRN PPE standards. Visit [www.remployfrontline.com](http://www.remployfrontline.com) for more information.

**RESPONDER KNOWLEDGE BASE(RKB) – BOOTH 516**

The Responder Knowledge Base (RKB), funded by the Federal Emergency Management Agency (FEMA) National Preparedness Directorate, provides emergency responders, purchasers, and planners with a trusted, integrated online source of information on products, standards, certifications, grants, and other equipment-related information.

**RSDECON - A BRACCO COMPANY – BOOTH 205**

RSDecon is a brand of products manufactured by the Healthcare Protective Products Division (HPPD) of Bracco Diagnostics Inc., the exclusive global manufacturer and marketer of RSDL. RSDL is a patented, broad spectrum skin decontamination product intended to neutralize or remove chemical warfare agents or T-2 toxin from the skin.

**SCIENCE APPLICATIONS INTERNATIONAL CORPORATION – BOOTH 607**

SAIC provides an integrated chemical, biological, radiological and nuclear protection capability at 200 DoD installations and facilities worldwide under JPEO.

**SCOTT SAFETY – BOOTH 304**

Scott Safety, a business unit of Tyco International, is a premier manufacturer of innovative respiratory and other personal protective equipment and safety devices for fire and rescue services, industrial workers, police, military and civil defense organizations around the world.

**SIGNATURE SCIENCE, LLC – BOOTH 713**

CBRNE signature discovery/exploitation; sampling, laboratory analysis, and field testing; training; quality assurance; and operations integration solutions and technology are the core offerings of Signature Science - a scientific consulting and services firm. Signature Operations specializes in tactical field skills training.

**SMITHS DETECTION – BOOTH 602**

Smiths Detection leads the global military and emergency response marketplace with specialized chemical, biological, radiological, nuclear and explosive (CBRNE) detection and protection solutions. Our advanced, accurate and trusted solutions enable armed forces and responders to mitigate incidents with confidence as they seek to reduce risks and minimize potential losses associated with growing CBRNE threats.

**SRC, INC. – BOOTH 303**

SRC is a not-for-profit research and development company and SRCTec is its high-tech manufacturing and lifecycle support subsidiary. Together, they are redefining possible® with unique, next generation solutions of national significance in defense, environment and intelligence.

**STERIS CORPORATION – BOOTH 501**

STERIS Corporation's Defense & Aerospace group provides complete technology solutions for the decontamination of chemical and biological weapon agents and infectious organisms. In collaboration with the U.S. Department of Defense, STERIS has developed, tested and demonstrated a broad spectrum of dry, liquid and gaseous chem bio decontaminants and delivery systems designed for military applications.

**TACTICAL DEFENSE MEDIA/CST & CBRN/ARMOR & MOBILITY – BOOTH 416**

TDM publications provide readers with insights into DoD program requirements and industry technologies that support joint force ops including mounted and dismounted protection systems, intel and comms applications, tactics, and training. TDM publications' mission focus is centered on collecting expert opinion regarding best practices and lessons learned through the eyes of military and civilian authority, warfighters and law enforcement.

**TEX-SHIELD, INC – BOOTH 508**

Tex-Shield, Inc. is the U.S. licensee of the unique SARATOGA® chemical protective technology, "The most trusted name in chemical protective garments in the world". Only SARATOGA® fabrics are qualified for use in the JSLIST chemical protective overgarment and the JPACE aircrew coverall. Tex-Shield's other products include the HAMMER Suit®, chemical protective undergarments, gloves, footwear, and filtration media.

**Thermo Scientific – Booth 102**

Thermo Scientific handheld chemical identification tools are field-ready instruments that deliver precise, actionable intelligence to military, law enforcement and other first responders around the world. Products include FirstDefender® RM, FirstDefender RMX, TruDefender® FT/FTi for solid and liquid chemical identification, TruDefender FTG for headspace gas identification, and TruNarc™ for narcotics identification.

**Trelleborg Protective Products – Booth 520**

**Trojan Defense LLC – Booth 209**

Trojan Defense, designers and manufacturers of FlipzChipz, a solid-state neutron sensor for global detection and attribution of plutonium-239 and related wireless communication and GPS tracking solutions.

**TSI, Inc – Booth 417**

Since 1961, TSI has provided instrumentation to industry, government, and researchers. TSI has 20+ years of experience in mask testing and biodetection, with systems used by government and military organizations in over a dozen countries. TSI products have been deployed in every major military operation since Operation Desert Shield.

**U.S. Army Chemical Materials Agency – Booth 518**

The U.S. Army Chemical Materials Agency (CMA) safely stores and destroys the nation's aging chemical weapons, effectively recovers the nation's chemical warfare materiel and enhances national security.

**URS – Booth 318**

URS Federal Services is a leading provider of management and technical services to the U.S. government. We provide program management, systems engineering and technical assistance, information systems management, training, and operations and maintenance services to a variety of federal agencies, primarily the Departments of Defense, NASA, and the Department of Homeland Security.

**US Army ARDEC / Armament SEC – Booth 710**

The US Army ARDEC's Armament Software Engineering Center (Armament SEC) is an Army Materiel Command Chartered Life Cycle Software Engineering Center. The Armament SEC performs Software Engineering and Software Acquisition support services for weapon systems, training devices, and combat support systems throughout the entire system life cycle. The Armament SEC is located Picatinny Arsenal, New Jersey. The Armament SEC has been appraised at CMMI Maturity Level 5 in 2006 and 2010.

**US Army Dugway Proving Ground – Booth 716**

**USAA – Booth 216**

For over 89 years, USAA has proudly served the financial needs of the military and their families. For insurance, banking, investments, and financial advice, you can trust USAA to provide the convenience you need, savings you want, and service you deserve. Because with USAA, you're more than a member, you're part of the family we serve. Learn more at [usaa.com](http://usaa.com) or call 800-531-USAA.

**Utilis USA – Booth 408**

The Utilis USA Soft Shelter is the latest advance in quick erect shelters. Utilis USA is highly transportable due to its incredibly simple but durable design and lightweight features. Utilis has been field-proven in Europe and now is gaining recognition in the US as well.

**W.L. Gore & Associates, Inc. – Booth 519**

W. L. Gore & Associates, inventor of GORE-TEX® Products, has a long tradition of providing high-performance fabrics that offer the ultimate protection in demanding applications while increasing the user's functional capability. Gore has now focused its broad expertise towards GORE™ CHEMPAK™ Products, offering functional effectiveness in chemical and biological environments.

**XTSafety, LLC – Booth 210**

Global distributors of cost effective, user friendly, stockpiled, products for public safety. Featuring SIRAD™ personal radiation monitors – providing critical exposure information in the case of a radiological incident. Instantly readable, most affordable, always on (no batteries) providing a vital triage tool to reduce the burden on rescue and healthcare resources and help save lives. Funded by the US Government and Intensively field tested by The US Department of Homeland Security.

## CHEM BIO DEFENSE EVENTS

### **BIOSURVEILLANCE CONFERENCE**

AUGUST 27-28, 2012

WASHINGTON COURT HOTEL ON CAPITOL HILL

WASHINGTON, D.C.

EVENT 2320

[WWW.NDIA.ORG/MEETINGS/2320](http://WWW.NDIA.ORG/MEETINGS/2320)

NDIA is excited to announce the first-ever Biosurveillance Conference. This conference will provide a forum for dialogue between government, industry, academia, and first responders to address the many shortfalls and requirements for biosurveillance. The biosurveillance community must reach agreement, or consensus, on a national biosurveillance strategy which includes roles and responsibilities, standards, and required investments in technology and infrastructure.

This process must address, at a minimum, the following areas:

- ▶ Inadequacy of state and local biosurveillance programs
- ▶ Interoperability between public health, healthcare institutions, and existing and future biosurveillance systems
- ▶ Reach community consensus on the data and information that is important
- ▶ Reach community consensus on what constitutes “actionable” biosurveillance information
- ▶ Education of decision makers (decisions will have to be made with “less than perfect” information)
- ▶ Definition of agency roles and responsibilities for biosurveillance as it relates to human, animal, food and environmental surveillance
- ▶ Must create an integrated - local to state to federal – national biosurveillance strategy
- ▶ Establish a biosurveillance enterprise
- ▶ Include all stakeholders
- ▶ Must guide systemic identification of risk
- ▶ Identify resources needed to eliminate or mitigate risks



### **JPEO-CBD APBI**

SEPTEMBER 19-21, 2012

HILTON BALTIMORE

BALTIMORE, MD

EVENT 2370

[WWW.NDIA.ORG/MEETINGS/2370](http://WWW.NDIA.ORG/MEETINGS/2370)

The Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD) will hold a Department of Defense (DoD) Chemical and Biological Defense Advance Planning Briefing for Industry (APBI) on September 19-21, 2012, at the Hilton Baltimore, Baltimore, M.D.



Advance Planning Briefings for Industry are held annually to inform industry of future business opportunities, the direction of the Chemical Biological Defense Program (CBDP), and future DoD requirements. For the second consecutive year, the conference has been extended to a three day event that will include details on the Joint Service mid- and long-range science and technology research, development, test, and evaluation plans and programs, as well as future production projections, and emerging military requirements. The briefings are designed to highlight specific contract opportunities over the next five years. All three days of APBI are open to interested contractors, large and small businesses, and universities. Opportunities exist on the third day for brief, one-on-one discussions, with the Joint Project Managers responsible for advanced development and procurement, and representatives from the Joint Science and Technology Office responsible for technology base efforts.

**FOR MORE INFORMATION, PLEASE VISIT THE EVENT WEBSITE AT [WWW.NDIA.ORG/MEETINGS/2370](http://WWW.NDIA.ORG/MEETINGS/2370).**



*As a leader in the chemical, biological, radiological, and nuclear (CBRN) defense community, JRAD is a small business providing unbiased technical expertise and subject matter expert research assistance to the U.S. Government, industry and academia. JRAD's reputation for exceptional support comes from our outstanding workforce applying their skills in systems engineering, test and evaluation, defense acquisition, quality management systems, science and technology, and research and development to solve challenging CBRN needs.*



*Founded in 1966, TASC, Inc. helps solve complex national security and public safety challenges by providing advanced systems engineering, integration and decision-support services to the Intelligence Community, Department of Defense and civilian agencies of the federal government. TASC has partnered with our customers toward one goal—the success of their missions. Our broad portfolio of services includes mission operations, analysis and engineering; system and policy analysis; program, financial and acquisition management; enterprise engineering and integration; advanced concept and technology development; test and evaluation; independent verification and validation; and cybersecurity. With about 5,000 employees in 40 locations, TASC generates \$1.5 billion in annual revenue. For more information and career opportunities, visit our website at [www.tasc.com](http://www.tasc.com).*

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PROCEEDINGS WILL BE AVAILABLE  
FOR DOWNLOAD WITHIN 2 WEEKS  
OF THE CONFERENCE AT:

<http://www.dtic.mil/ndia/2012CBRN/2012CBRN.html>

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