

James A. Banaski, Jr., MS, MEP, CEM

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McDonough, GA 30252
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Education:

Master of Science in Environmental Management, Webster University, October 2004, GPA: 3.81
Bachelor of Science in Environmental Science & Biology, Drury University, May 2003, GPA: 3.69
Associate of Science in Liberal Arts, Austin Peay State University, December 2000, GPA: 3.56

Certifications:

Certified Emergency Manager, International Association of Emergency Managers, 2009-2024
Certified Emergency Manager, State of Georgia, 2009-2016
Master Exercise Practitioner, Department of Homeland Security, 2008
Georgia Peace Officer Standards and Training Council Guest Instructor Certified, 2008
ICS Train the Trainer, 2015
DHS National Planners Course Train the Trainer, 2013
Homeland Security Exercise and Evaluation Program Course Train the Trainer, 2007
Emergency Response to Terrorism Train the Trainer, 2002

Experience:

Senior Technical Advisor, CDC Programs
CRDF Global
1776 Wilson BLVD., Suite 300
Arlington, VA, 22209
April 2021- Present

Currently serving as the Senior Technical Advisor for CDC Programs as part of the Global Health Operating Division. Responsibilities include development of Public Health Emergency Management programs, such as developing and implementing Public Health Emergency Operations Centers, applying the Preparedness Cycle to program development processes, and conducting training and exercise program development and execution. As a Senior Technical Advisor program support includes implementing programs through cooperative agreements with the US Centers for Disease Control and Prevention, as well as other governmental partners when needed. Develops proposals to support Notices of Funding Opportunities, as well as provide input on budgets and program implementation plans. Current country support includes Kazakhstan, Tajikistan, Uzbekistan, and Kyrgyzstan.

Chief Executive Officer, Emergency Management Training & Consulting, LLC.
3014 Beverly Court
McDonough, GA 30252
June 2020-Present

After retiring from over 28 years of combined federal service, founded EMTC LLC. EMTC LLC is a Service-Disabled Veteran Owned Small Business focused on international and domestic emergency management capacity development, concentrating on public health. EMTC provides training, consulting, and capacity development at all levels of government. Services include technical assistance for Emergency Operations Center Development, developing Preparedness programs, emergency management training, and simulation exercise development and execution. Clients have included the WHO European Regional Office, US Centers for Disease Control and Prevention, The Critical Mass, Georgetown University, CRDF Global, Integral Global, and Rumph & Associates. Served as an Affiliated Expert in Global Health for CRDF Global, providing insight, advice, and technical knowledge in the areas of Global Health, particularly in the areas of Public Health Emergency Management, Public Health EOC Development, and Preparedness and Response program development. Served as the contract Director of Capacity Development for The Critical Mass, assisting in capacity development efforts for projects in the security assistance sphere. Cooperative Agreements supported include the Defense Threat Reduction Agency (Counter Threat Reduction), The Department of State (Export Control & Related Border Security, Office of Weapons of Mass Destruction Terrorism, and the Global Engagement Center). Contracts supported included contracts with CRDF Global, Culmen International, Pacific Northwest National Laboratory, and Sandia National Laboratory. Countries supported by capacity development efforts include Iraq, Panama, Georgia, Uzbekistan, Tajikistan, Armenia, North Macedonia, and Bosnia.

Adjunct Instructor, Georgetown University
Washington, DC
January 2021 to Present

Serving as an Adjunct Instructor in the Master of Science in Biohazardous Threat Agents & Emerging Infectious Diseases degree program. Designed, developed, and instructing an elective called, MICB 724: Integration of Public Health Preparedness and Emergency Management. The course is based on the textbook, "Essentials of Public Health Preparedness and Emergency Management", co-authored by Dr. Rebecca Katz and Mr. Jim Banaski.

Deputy Branch Chief, Workforce & Institute Development Branch, Division of Global Health Protection, Center for Global Health, Centers for Disease Control and Prevention
1825 Century Parkway
Atlanta, GA 30345
November 2018-June 2020

Served as the Deputy Branch Chief for the Workforce & Institute Development Branch. Also served as the Acting Branch Chief while the Branch Chief was deployed to the CDC EOC for the DRC Ebola Response and the COVID 19 response. Directly responsible for the day-to-day management of the branch, to include budget management, human resource management, personnel supervision, professional development, travel management, and special projects development. Oversaw the process of determining a new Branch operating structure, to include working directly with Deloitte to determine the specific activities, functions, and customers of each of the teams and determining if the Branch is organized correctly. Provided guidance on career development to members of the Branch in areas of training, operational assignments, and career goals. Provided guidance on the development of a travel request system in SharePoint that assists the Branch in approving travel in a timely manner, as well as reporting to Division about travel expenses. Provided guidance and decision making on staff projections and hiring processes. Created and served as the Chair of the Branch Plans, Policies and Procedures Workgroup. Served as the Public Health Emergency Management advisor for the National Public Health Institute Program, specifically for projects in Southern Africa. Duties included the development of public health preparedness and response programs. Programs included EOC management and operations, incident management systems development, integration of public health systems into an emergency management program, intersection of national emergency management programs and public health, and strategic and

operational planning. Served as the Branch representative for the development of a DGHP submission for a regional project focusing on the response of a region to a public health emergency. Served as a Public Health Emergency Management advisor for senior members of the Division, having been called on numerous times to provide input on preparedness and response related issues. Served as the Branch coordinator for all current regional projects in West Africa and the Middle East. Served as a member of the Georgia Joint External Evaluation Team in the areas of emergency response operations, radiological emergencies, and as the alternate lead for emergency preparedness. Served as the Chief of Staff for the CGH Global Measles Response, a CGH center level response for measles outbreaks around the world. Served on the Emergency Response Capacity Team for the COVID-19 response, serving as the co-lead for a project with Georgetown University to develop a website containing presentations, templates, and references for how to develop a public health emergency operations center.

Adjunct Instructor, Emory University, Rollins School of Public Health, Emory University, Decatur, GA
August 2019 to Present

Currently serving as an Adjunct Instructor in Global Health for the Rollins School of Public Health. Main topic of instruction is Preparedness and Planning for International Emergencies. Instructional topics include incident management, plan development, preparedness and response simulation exercises, and includes the use of a simulation exercise for the students.

Center Affiliate, Center for Global Health Science and Security, Georgetown University Medical Center,
Washington, DC.
August 2018 to Present

Serves in an advisory role on the topics of public health emergency management, public health preparedness, international response operations, development of Public Health Emergency Operations Centers, World Health Organization Joint External Evaluations, and program planning and execution.

Senior Public Health Emergency Management Advisor, National Public Health Institute Team, Workforce & Institute Development Branch, Division of Global Health Protection, Center for Global Health, Centers for Disease Control and Prevention
1825 Century Parkway
Atlanta, GA 30345
April 2018-November 2018

Served as the Senior Public Health Emergency Management Advisor for the National Public Health Institute program. Duties included providing input on NPHI development work plans for capacity development in public health emergency management. Also provided technical assistance as needed on work plan development. Topics for capacity development included EOC development, response plan development, rapid response team development, Incident Management Systems, exercise/simulation development and execution, and workshop development and execution. Served as the Project Officer for the Africa CDC, duties included budget management, work plan development, Cooperative Agreement management, and human resource management. Served as the co-lead for the development and execution of the first public health emergency management workshop in Southern Africa in August of 2018. Served as the Project Officer for the Nigeria CDC, duties included budget management, work plan development, and Cooperative Agreement management.

Team Lead, Global Response Preparedness Team, Emergency Response and Recovery Branch, Division of Global Health Protection, Center for Global Health, Centers for Disease Control and Prevention
2500 Century Parkway
Atlanta, GA 30345

August 2015-April 2018

Served as the Team Lead for the Global Response Preparedness Team. Directly responsible for the day to day programmatic and fiscal management of a team of public health emergency management professionals that assisted Ministry of Health partners in developing preparedness and response programs aimed at assisting them in achieving their International Health Regulations requirements. Program support included development of emergency operations centers, plan development, training, and exercise design, development and execution. Fiscal management included budget development, project proposals, and personnel management. Served as the project officer for the EOC Development Tool, an interactive DVD based tool that walks users through a series of questions designed to guide the user through the needed items for developing an EOC. The tool was developed as a project from the Department of State's Biosecurity Engagement Program and was completed in cooperation with the US Army CBRN School for specific use in Iraq. Provided technical support for the Defense Threat Reduction Agency in support of national emergency management program development for the Government of Jordan. Served as a project officer for a CDC Foundation Cooperative Agreement with Burkina Faso, Mali, and Cote d'Ivoire, for development of public health emergency management programs. Served as the Program Manager for the USAID Zika Project for public health emergency management in Guatemala, the Dominican Republic, Panama, Colombia, and Barbados, for preparedness for Zika response operations. Served as the Technical Working Group Co-Lead for emergency management capacity development for the CDC's participation in the Global Health Security Agenda. Served as the Emergency Management Capacity Development Team Co-Lead for the CDC's response to the worldwide Ebola response. Deployed to Sierra Leone and Liberia to review EOC operations and recommend next steps in program development. Served as the Deputy Incident Manager/Chief of Staff for the CDC's response to Hurricane Matthew. Served as the Chief of Staff for the International Task Force response to Hurricane Irma. Facilitated a presentation on Preparedness at a Cross Border Outbreak Management Seminar in Muscat, Oman in cooperation with George Washington University. Led projects in Jordan, Botswana, Zambia, Namibia, Colombia, Guatemala, Panama, Dominican Republic, Barbados, Trinidad, Jamaica, St. Lucia, Guyana, and Belize. Served a member of a panel for Response to WMD Incidents for the Defense Threat Reduction Agency MENA Countering Weapons of Mass Destruction Seminar in Garmisch, Germany. Presented on the Team's public health emergency management project at the International Preparedness and Response to Emergencies and Disasters Conference in Tel Aviv, Israel.

Senior Public Health Emergency Management Consultant, International Emergency Preparedness Team,
Emergency Response and Recovery Branch, Division of Global Health Protection, Center for Global Health,
Centers for Disease Control and Prevention
2500 Century Parkway
Atlanta, GA 30345
November 2013 - August 2015

Served as a Senior Public Health Emergency Management Consultant for the International Emergency Preparedness Team. Directly responsible for assisting Ministries of Health in foreign countries with developing and maintaining public health emergency management programs in support of the country's International Health Regulations and Global Health Security Agenda goals. Program support includes assisting in developing public health emergency operations centers, plan development, and exercise design, development and execution. Developed team budget projections, staffing requirements, and provides training input for team members. Served as the project lead for the EOC Development Tool. The EOC Development Tool (EDT) will provide a Ministry of Health with a DVD that assists them with developing a framework for a public health focused Emergency Operations Center in direct support of the country's IHR goals. Work on the EDT is in collaboration with the US Army Chemical, Biological, Radiological, and Nuclear (CBRN) School, the US Army Training Support Center (ATSC), and the Department of State's Biosecurity Engagement Program. Served as the Emergency Management capacity development lead for numerous countries in support of the CDC's

Implementation of the US Government's Global Health Security Agenda, providing support to numerous countries in the development of exercises and plans. Served as the Project Lead for the joint CDC/Department of State EOC Development Project in Jordan, providing technical assistance in the development of an EOC in the Ministry of Health. Provided technical assistance to the Defense Threat Reduction Agency for the EOC Development Workshop series in Jordan. Provided training to team members about emergency management topics such as Exercise Development. Participated in a CBRN Senior Leaders Information Exchange with the country of Iraq in support of the Defense Threat Reduction Agency and the Department of State's Biosecurity Engagement Program. Received a letter of appreciation from the DTRA Director for excellent support to the Information Exchange. Completed a revision of Emory University's GH533 Preparedness and Planning for International Emergencies Course. Also served as a co-instructor for the course for two years. Course revision focused on the plan development process and exercise program principles. Served as the GHSB Representative for the CDC's World Health Organization Collaborating Center for Implementation of the IHR Core Capacities. Provided subject matter expert input into supporting the response related activities of the Collaborating Center. Served as the Team Co-Lead for the Emergency Management Capacity Development Team for the CDC's Ebola Response. The team provided emergency management capacity development to Sierra Leone, Liberia, Guinea and numerous countries surrounding the largest affected countries. Served as an Instructor for the CDC's offering of the DHS National Planners Course, teaching the principals of the federal plan development process. Served as a member of an SME panel on deployment experience for the Public Health Readiness Certificate Program Course. Conducted a poster presentation on the EOC Development Tool at the 2014 Preparedness, Emergency Response, and Recovery Consortium Conference and the 2015 Public Health Preparedness Summit. Provided coordination support with local and state health and emergency management programs in support of CDC's public health emergency management fellows and visiting dignitaries from other countries.

Project Officer and Program Services Consultant, Division of State and Local Readiness, Officer of Public Health Preparedness and Response, Centers for Disease Control and Prevention
1600 Clifton Road
Atlanta, GA 30329
July 2011 – November 2013

Served as a Program Services Consultant (PSC) and Project Officer in the Program Services Branch. Reviewed plans from state, territorial and local public health partners in the areas of medical countermeasure distribution and dispensing. Review of plans was conducted using the DSNS Technical Assistance Review tool. Frequently traveled to state, territorial and local health departments to provide technical assistance in the areas of plan development, receipt, store and stage operations, distribution operations, and dispensing of medical countermeasures. Provided technical assistance in exercise development according to the principles of the Homeland Security Exercise and Evaluation Program. Stayed abreast of national developments in medical countermeasure distribution and dispensing topics. Reviewed current and emerging literature for trends applicable to the project areas to assist them in their mission of public health preparedness and response. Served as the Program Services Consultant for the states of Indiana and Ohio, and as the PSC for Puerto Rico and the US Virgin Islands. Served as the PHEP Cooperative Agreement Project Officer for the state of Wisconsin. Served on the DSNS Corrective Action Workgroup working on solutions to after action report corrective actions and assisting in the creation and implementation of improvement plans to correct items identified during exercises and real world responses. Served on an internal working group for the analysis of the National Health Security Strategy. Specifically, analyzed how the NHSS affects what the branch does on a daily basis and how it could affect future branch operations. Served as a member of the DSNS deployment teams, and as a member of the DSNS EOC rosters. Served as a workgroup member that developed the SNS SME review criteria for the new Public Health Emergency Preparedness Cooperative Agreement. Served as an Emergency Preparedness mentor for the 2012 Collegiate Leaders in Environmental Health Internship class. Provided one on one mentoring sessions as well as delivered a Brown Bag lunch speech on the profession of emergency management and how it applies to public health. Presented a speech about the public health communications aspects of my deployment

in response to the Joplin, Missouri tornado to the National Public Health Information Coalition. Coordinated the CDC's participation in the Intro to Nuclear & Radiological Incident Response Course with the FAA, participation came from NCEH, ATSDR, OPHPR, FBI, and others. Participated in three hiring panels for the Division of Emergency Operations where I completed resume reviews and conducted interviews. Assisted the Region V & X team lead during TAR reviews by reviewing TARs submitted by my peers. During the BP11 TAR season, completed all of my assigned TARs without one rebuttal from a project area. All TARs submitted to my project areas were accepted without comment. Received a letter from a local health commissioner in Ohio thanking me for my teaching, coaching and mentoring approach to conducting an LTAR. The letter stated that they actually learned something during the LTAR, something they said they had never received before. Served as the Region V & X SharePoint administrator, as a member of the DSLR Policy, Procedure, and Protocol workgroup developing specific policies, procedures, and protocols for the Program Services Branch, and as a member of the Division's Training Steering Committee. Served on a national workgroup for the inclusion of Midazolam into the CHEMPACK program, which deals with the treatment of nerve agent poisoning.

Adjunct Professor, Drury University
Springfield, Missouri
March 2005-December 2014

Served as an Adjunct Professor of Environmental Science for the College of Graduate and Continuing Studies On-Line Education Department. Currently certified to teach Environmental Laws and Regulations, Environmental Management and Hazardous Materials, and Global Environmental Politics. Subjects taught in Environmental Laws and Regulations include; the judicial process to include the litigation process and administrative law, an introduction to hazardous waste regulations, solid waste management programs, the Clean Air Act, OSHA regulations, the Clean Water Act, Rivers and Harbors Act, wetlands preservation laws, environmental audits, remediation technology and issues relating to the impact of environmental laws on society. Subjects taught on Hazardous Materials includes an in-depth examination of substances classified as hazardous by various agencies and programs including the Department of Transportation, the Occupational Safety and Health Administration and the U.S. Environmental Protection Agency. The class also explores chemical emergency preparedness, risk assessment, and emergency response planning and training. The course also qualifies as providing the skills and competencies required for employer certification under OSHA's Hazardous Waste Operations and Emergency Response Rules, 29 CFR 1910.120, and National Fire Protection Association Standards, NFPA 472, for Hazardous Materials Response, Awareness Level. Subjects taught in Environmental Management include the examination of the administrative and organizational aspects of environmental management. Topics include structure of government agencies and private industry with focus on proven environmental management practices and application of technology needed to comply with statutory requirements and voluntary efforts. Served as a Subject Matter Expert reviewer for 3 chapters in an Environmental Law textbook for Prentice Hall Publishing. Served as a project consultant in the review and redesign of the online Associates Degree in Environmental Studies.

Emergency Coordinator, Officer of Terrorism Preparedness and Emergency Response, National Center for Environmental Health, Centers for Disease Control and Prevention
Buford Highway
Atlanta, GA 30333
September 2009 – July 2011

Served as an Emergency Coordinator for the Domestic Preparedness and Response Team in the Office for Terrorism Preparedness and Emergency Response, National Center for Environmental Health. Responsible for day to day program management and task management of emergency response plans for the response to

terrorism and natural disaster incidents. Specifically, responsible for the coordination of subject matter experts to assist in the response for chemical, radiological, and nuclear incidents as well as response assets for natural disasters. Responsible for assisting the development of evaluations and after action reports based on public health terrorism preparedness and emergency response exercises. Provided technical advice, consultation, and the implementation of state, local, federal, or international PH exercise programs related to Terrorism, Preparedness, and Emergency Response. Served as the NCEH representative for the CDC's Exercise Steering Committee, After Action Steering Committee and the CDC Deployment Steering Committee. All exercises developed were in compliance with the former Homeland Security Presidential Directive 8 and the Homeland Security Exercise and Evaluation Program. Directly responsible for the exercise coordination with other federal agencies to include DHS, DOJ, and other agencies within DHHS as it pertains to exercises with NCEH/ATSDR. Served as the NCEH/ATSDR lead exercise planner for National Level Exercise 2010. Served as the Planning Section Chief in the CDC Incident Management System for the CDC's response to the Tsunami Response in American Samoa, the Planning Section Science Officer for the CDC's response to the Deepwater Horizon Oil Spill Response, and the Senior Advisor to the Incident Manager and Deputy Incident Manager for the Japan Earthquake and Radiological Response. Served as an Emergency Coordinator for the H1N1 response as well as the Haiti Earthquake of January 2010. Designed, developed and facilitated a tabletop exercise for the Advisory Team for Food, Environment and Health, an interagency team that provides radiation expertise during a radiation event, on the team's response to an improvised nuclear device event in a major US city. Served as the NCEH/ATSDR lead seminar developer for the 2010 CDC Hurricane Preparedness Seminar. Coordinated visits by the Chinese and Thailand Emergency Management officials to visit the GEMA State Operations Center and the Henry County EMA. Developed budget projections for the CDC's long term response actions to the Japan Earthquake and Radiological Response. Developed budget projections for NCEH/ATSDR for 8 out of the 15 National Planning Scenarios. Awarded the NCEH/ATSDR Honor Award in 2010 and 2011 for Emergency Response Operations. Served as the CDC Liaison and Public Health Branch Director for the Joplin Tornado Response in May of 2011. Provided input into HI.net projects and developed a presentation tool for project management tracking of all planning, training, exercise and response efforts for the Domestic Preparedness and Response Team.

Board Member, Henry County Board of Health
McDonough, GA
March 2010 – June 2011

Served as a voting member of the Henry County Board of Health as appointed by the Henry County Board of Commissioners. The Board of Health approves the county health department's budget and steers the department's priorities for a wide range of programs to include public health preparedness, environmental health, and general public health programs.

Volunteer, Henry County Emergency Management Agency
McDonough, GA
January 2008 – May 2011

Served as a volunteer advisor to the Director of Emergency Management, Henry County Emergency Management Agency. Providing technical assistance with plan revision and exercise design, development and execution. I planned and conducted a Pandemic Flu Response Table Top Exercise for the county. The TTX was attended by over 100 personnel to include elected officials from the city, county, and state level. Provided training on the Homeland Security Exercise and Evaluation Program as well as training for exercise evaluators. On request, developed a course of instruction on the dangers of methamphetamine. The course has since been certified by the Georgia Peace Officer Standards and Training Council for 4 hours of Law Enforcement Continuing Education Units. The course has also been certified for 4 hours of fire service and 4 hours of emergency medical

service CEUs. I have taught for Henry, Hall, and Floyd Counties. The class was the feature class in Henry County Police Department's SWAT week in October 2008. SWAT Week is a week dedicated to training new SWAT personnel as well as integrating into the county's overall response to certain contingencies. As a result of the research for the class it was determined that the State of Georgia did not have a statutory standard for the clean up of former meth labs. I worked with the Georgia State Senator for my district and assisted in the development of Senate Bill 15, clean up standards for former meth labs. I testified in February 2009 in front of the Georgia State Senate Natural Resource and Environment Committee as an expert witness about the issue. Created a 16 hour CBRN Operations Course and taught the pilot course in Floyd County to the regional CBRN Task Force. Course concentrated on basic CBRN agents, weapons, production, search and identification.

Exercise Lead, Division of Emergency Operations, Office of Public Health Preparedness and Response, Centers for Disease Control and Prevention
1600 Clifton Road
Atlanta, GA 30329
September 2008-September 2009

Served as the Exercise Lead for the Division of Emergency Operations in the Office of Public Health Preparedness and Response. Responsible for the day to day program management and task management of a group of professionals that design, develop, and execute terrorism and natural disaster response exercises for the CDC. Responsible for assisting the development of evaluations and after action reports based on public health terrorism preparedness and emergency response exercises. As the Exercise Lead was responsible for providing technical advice, consultation, and the implementation of state, local, federal, or international PH exercise programs related to Terrorism, Preparedness, and Emergency Response. Served as the Chairperson for the CDC's Exercise Steering Committee. As the Chairperson, was responsible for the day-to-day operations of the committee as well as administrative support for the committee. All exercises developed complied with the former Homeland Security Presidential Directive 8 and the Homeland Security Exercise and Evaluation Program. Directly responsible for the exercise coordination with other federal agencies to include DHS, DOJ, and other agencies within DHHS. Served as the CDC Deputy Exercise Director for the DHHS Hurricane Atlantic Wrath 2009 Exercise. Directly responsible for the exercise design, development and execution of the CDC's participation in the exercise. Worked with members of the National Center for Environmental Health (lead CIO for CDC Hurricane Response) in developing the subject matter expertise input for the exercise design and execution. Served as the CDC Exercise representative for the DHHS exercise design and development community. Worked with Exercise planners across DHHS to develop a multi year exercise program for the Department. Worked with members of OIG, and The International Group for Epidemiology and Response (Thailand) to develop a tabletop exercise based on animal and human epi surveillance modules. Awarded the International Association of Emergency Manager's Certified Emergency Manager credential in May 2009. Served as the DEO Representative and as Planning Section Chief during the Novel H1N1 Influenza Pandemic Response. Completed the IRCT Basic Online Course.

Emergency Response Specialist, Division of Strategic National Stockpile, Coordinating Office for Terrorism Preparedness and Emergency Response, Centers for Disease Control and Prevention
1600 Clifton Road
Atlanta, GA 30329
February 2007-September 2008

Served as an Emergency Response Specialist with the Response Branch of the Division of Strategic National Stockpile. Responsible for the exercise coordination, support, and execution of exercises with all 50 states, US territories, and select areas within the US in response to bioterrorism, technological, radiological, chemical,

environmental, and natural disasters. Served as an Operations Officer on TARU 5. As the Operations Officer, was responsible for implementing all action plans from the TARU Lead and tracking the progress of all emergency response tasks. Responsible for the set-up and operation of the TARU Operations Center. Responsible for the accountability of all TARU members, resources and assets during an emergency response; collect, evaluate and distribute information pertinent to TARU and DSNS Operations and maintain all TARU records and reports. Also served as the TARU Lead for TARU 7. Responsible for the team and its interaction with state partners during a bioterrorism response. As the Project Area Exercise Coordinator, responsible for providing support to all 62 project areas including exercise planning and technical assistance in the review of emergency response plans. Participated in identifying, communicating, and implementing quality improvements by providing input to the numerous project area After Action Conferences, hot-washes, and After Action Reports. Served as a DSNS Corrective Action Process Action Officer. Designed, developed, and implemented the DSNS Evaluator Training Program. Using DHS HSEEP and DSNS guidance I was able to create a comprehensive Exercise Evaluator Training Program that professionally trains DSNS staff on the duties and responsibilities, as well as the how-to, of being an exercise evaluator. Created all of the documents and presentations used in the course. Trained evaluators on how to ask questions, how to observe exercise participants by remaining as unobtrusive as possible, trained all evaluators on exercise related documentation, and provided evaluators with a take-away packet of information and forms to use during their exercise evaluation. Commended by various state and local officials for my expertise, professionalism, candor and willingness to provide input into state and local emergency response operations. Developed a comprehensive and interactive budget tool for the Exercise Team to track and implement travel and resource projections/expenses for the FY 08 budget year. Served as a Reviewer for the 2008 COTPER Budget Review, reviewed and provided input for 2 projects valued at over \$4.7 million. Selected to serve as a Controller/Evaluator for the DHHS Incident Response Coordination Team during TOPOFF 4 based on my extensive knowledge of emergency response operations; was commended by the Reg. 10 DHHS Regional Emergency Coordinator for providing valuable input about corrections to be made in IRCT operations as well as for providing multiple solutions on how to correct those problems.

Exercise Specialist and Survey Operations Controller/Trainer, Civil Support Readiness Group – East, US Army North
Fort Gillem, GA
July 2004 –February 2007

As Exercise Specialist designs exercises to train/evaluate the WMD Civil Support Teams (CSTs) on their ability to respond to a CBRNE event. Plan, design, coordinate, and conduct exercises that test and evaluate the capabilities of the CSTs to support Federal, State, and Local agencies IAW 29 CFR 1910.120. As the Survey Operations Controller Trainer provided technical training to the WMD CST Survey Section to ensure they have the ability to synchronize all civil HAZMAT groups operational requirements with WMD CST capabilities. Training is structured around HAZMAT group operations incorporating the Incident Command System (ICS) and HAZMAT group position and/or responsibilities. Possesses and demonstrates knowledge of capabilities, limitations, and employment of a wide range of military nuclear, biological, and chemical detection equipment and civilian HAZMAT detection and monitoring equipment. Equipment employment and functioning is required to evaluate exercise training incorporating the use of photo ionization detectors, flame ionization detectors, combustible gas indicators, oxygen monitors, chemical reactivity test sets, GC/MS systems, antigen based biological, fluorescent microscopy technology, and radiation instruments. Demonstrates knowledge of emergency response operations, from the local to the federal level with emphasis on WMD response. Understands the concepts of mutual aid between states, state response, and federal response planning and execution and knowledge of emergency preparedness, National Response Plan, and DOD DSCA operations. Possesses knowledge of the Incident Command System operations with emphasis on HAZMAT group operations and 29th CFR 1910.120 and its impact on military WMD response and training. Provided After Action Reports for exercises that incorporate the CST into civilian emergency response operations. Demonstrates knowledge of a wide range

of concepts, principles and practices in training, and skills in applying this knowledge to difficult and complex work assignments which may require development of new methods, approaches, or procedures in accomplishment of work. Designs and presents complex briefings and reports to high-level Federal, State, and local officials. Served as the Request for Information Manager for the First US Army Joint Operations Center during Hurricane Katrina. Served as a CBRNE Advisor during the National Defense Exercise Ardent Sentry/Top Off 2005, and 2006.

Material Systems Specialist/Combat Developer, Homeland Security Team, Directorate of Combat Developments, US Army Chemical School
Maneuver Support Center
Fort Leonard Wood, Missouri
January 2004 – July 2004

Served as principal action officer for Command and Control, Computers, Communications, Intelligence, Surveillance, and Reconnaissance (C4ISR) Systems as it relates to Chemical, Biological, Radiological, Nuclear, and High Yield Explosives (CBRNE) and Federal Installation Protection and Response for the Weapons of Mass Destruction – Civil Support Teams, Installation Response Teams, and Regional Response Teams. Served as the project officer who executes the proponent/user representative responsibilities in preparing for the future needs of the Army and the Directorate of Homeland Security, MANSCEN. Using knowledge of CBRNE detection and reconnaissance, CBRNE/HAZMAT detection and monitoring equipment, Response and Incident Management needs as determined from analysis by Functional Area Analyses, Functional Needs Analyses, and/or Analysis of Alternatives, CBRNE Installation Protection and Response capabilities and reference sources, coupled with knowledge of emerging technology from the technical base programs, developed appropriate requirements documents, experimentation plans, demonstration plans and evaluation plans and exercises. Upon approval of the products, actively monitored and interfaced with the research and development progress. Analyzed and developed technical data, applicable doctrine and operational concepts. Developed the requirements documentation for a Chemical, Biological, Radiological Sampling Kit. Served as a member of the Joint Program Manager – Guardian, Army First Responder Program Installation Assessment team that evaluated Army installations ability to response to a CBRNE incident. Assisted in the requirements documentation for the Unified Command Suite for the WMD-CSTs.

Training Specialist, Chemical Warrior Division, Directorate of Training Development, US Army Chemical School
Maneuver Support Center
Fort Leonard Wood, Missouri
November 2002 – January 2004

Integrated knowledge of military nuclear, biological, and chemical detection equipment, civilian hazardous material detection and monitoring, and reconnaissance operations using the Systems Approach to Training (SAT), new instructional technology, and doctrinal and organizational changes to ensure the support of Terminal Learning Objectives (TLOs) and Enabling Learning Objectives (ELOs). Served as Program of Instruction (POI) Manager for the Master Fox Scout, Nuclear, Biological, and Chemical (NBC) Reconnaissance Phase I (Distributed Learning) and Phase II, and NBC Reconnaissance for Brigade Combat Team Specialist Courses. Detailed as Chief, Functional Courses Branch. Coordinated the analysis process to identify and describe individual tasks and to determine what needed to be trained. Performed/coordinated the design process to translate analysis data into a structure or blueprint for the training development process to produce validated resident and nonresident courses of instruction and training materials. Participated in and/or served as leader of project activities requiring coordination within the Directorate of Training Development, other School directorates, and other Army Service School. Prepared staff correspondence, reports, charts, presentations, briefings, and coordinated

them as appropriate. Previously managed the POI for the Biological Integrated Detection System (BIDS) Specialist, Joint Biological Point Detection System, Biodetection Unit Leaders Course, and the Biological Detection Systems Common Subjects Course. Served as a subject matter expert on training development for various projects for the Directorate of Training Development, Warfighter Modernization Department. Projects have included the Nuclear, Biological, and Chemical Reconnaissance Vehicle, Joint Service Light NBC Reconnaissance System, Dry Filter Unit (DFU), Multipurpose Decontamination System (MPDS), M12A1 Decontamination System Upgrade, and the Joint Chemical Agent Detector (JCAD).

Environmental Specialist, Advancia Corporation
Fort Leonard Wood, Missouri
March 2002 – November 2002

Served as an Environmental Specialist with the Advancia Corporation. Job duties included interpretation and application of Army Regulations 200-1, 200-2, 200-3, and 200-4. Worked as an SME and field investigator for NEPA Environmental Assessments. Responsible for the Course Management, Development, and Instruction of 3 Environmental Compliance Courses: Environmental Compliance Officer Course, Hazardous Waste Satellite Accumulation Point Managers Course, and the Air Permit Compliance Course, for the Directorate of Public Works (DPW), Environmental Division on FT Leonard Wood, MO. Also served as the Asbestos and Lead Based Paint Inspector for the DPW. Served as the subject matter expert and point of contact for numerous compliance reports to include the Environmental Quality Report, Installation Status Report, and the VOC Air Permit Report. Served as the point of contact and manager of several soil remediation sites to include the contaminated soil remediation facility. Contract support included the United States Army Chemical School and the United States Army Engineer School. Projects supported includes the Directorate of Combat Developments-Chemical Material: Data Collection and Analysis of the operations and employment of the Dry Filter Unit (DFU); DPW Environmental: Report generation, sampling operations and inspection procedures; and the US Army Engineer School, Directorate of Environmental Integration.

Chemical Operations Specialist, US Army
November 1990 – February 2002

Served 11 years as a Chemical Operations Specialist in the US Army. Served various assignments to include Instructor/Writer and Operations Sergeant at the MANSCEN NCO Academy; Operations Sergeant, Computer/Plotter for the NBC Detachment, and NBC NCO for the 5th Special Forces Group (Airborne); Training NCO, Reconnaissance Specialist, and Decontamination Specialist for the 25th Chemical Company; and NBC NCO in the 44th Medical Brigade. Deployed to various locations around the world to include Hurricane Andrew relief in Homestead, Bosnia, Kuwait, and Egypt.

Specialized Training:

12/2019; ICS/EOC Interface
11/2019; Contracting Officer Representative Level 1
04/2019; High Threat Security Overseas Seminar
03/2019; International Project Officer
05/2018; Decision Making and Problem Solving
05/2018; Continuity of Government/Continuity of Operations
08/2017; FEMA Disaster Recovery Programs
08/2017; FEMA Individual Assistance Programs

05/2016; NIMS ICS All-Hazards Logistics Section Chief Course
04/2015; ICS Train the Trainer Course
03/2015; DHS Planning Leader Course
04/2014; High Threat Security Overseas Seminar
02/2014; Foreign Affairs Counter Threat Course
12/2013; DHS National Planners Course Train-the-Trainer
11/2013; Decision Making and Problem Solving, GEMA
11/2013; Leadership and Influence, GEMA
12/2011; Comprehensive COTR Workshop
11/2011; Introduction to Grant Management Course
10/2011; Mass Antibiotic Dispensing Course
02/2011; Oil Spill Countermeasures Selection Guide/Alternative Response Tool Evaluation System for Oil Spill Response Course
02/2011; Accessing and Using the Oil Spill Liability Trust Fund Course
02/2011; Basic Oil Spills Course
12/2010; Emergency Operations Center Management and Operations Course
03/2010; Department of Homeland Security's National Planners Course
03/2010; Emergency Planning and Special Needs Populations Course
03/2010; Environmental Health Training in Emergency Response Course
01/2010; Hazardous Weather and Flooding Preparedness Course
11/2009; Disaster Response and Recovery Operations Course
09/2009; Rescue Specialist Course
09/2009; Hazardous Materials Contingency Planning Course
08/2009; Awareness for Initial Response to Hazardous Materials Incidents
07/2009; Basic Public Information Office Course
07/2009; IRCT Basic Online Course
06/2009; Infection Control Course
06/2009; ICS/EOC Interface Course
12/2008; Community Emergency Response Team Course
08/2008; E136 Exercise Development Course
04/2008; E133 Exercise Program Management and Control Simulation Course
03/2008; E132 Exercise Design and Evaluation Course
12/2007; ICS 400, Advanced Incident Command System Course
08/2007; Technical Advisory Response Unit Academy
07/2007; Homeland Security Exercise and Evaluation Program Train the Trainer Course
06/2007; ICS 300, Intermediate Incident Command System Course, Public Health Version
05/2007; Homeland Security Exercise and Evaluation Program Course
04/2007; Incident Management: How the CDC Responds
08/2006; WMD Command, Control, and Coordination
02/2006; Defense Support to Civil Authorities Phase I DL Course
02/2006; WMD Training Exercises
01/2006; Intro to Emergency Exercise Evaluation
12/2005; Intro to Radiological Emergency Preparedness Exercise Evaluation
11/2005; Exercise Design Course
08/2005; HAZMAT Street Chemistry for Emergency Responders
06/2005; Modular Emergency Response Radiological Transportation Training
02/2005; Small Scale Production of Chemical and Biological Agents; CIA University
10/2004; Confined Space Entry and Heavy Collapse Extraction
09/2004; DOD Emergency Preparedness Course
09/2003; Contracting Officer's Representative Course

09/2003; Training Developer Middle Manager Course
05/2003; Interactive Multimedia Instruction Workshop
05/2003; Chemical Surety Management Course
01/2003; Systems Approach to Training Course
01/2003; Combat Developments Course
06/2002; Lead Based Paint Inspector
05/2002; Hazardous Waste Operations and Emergency Response 8-Hour Refresher
05/2002; Asbestos Inspector Course
02/2002; Emergency Response to Terrorism Instructor Certification
02/2002; Medical Considerations of Weapons of Mass Destruction
12/2001; Environmental Compliance Officer Course
03/2001; MANSCEN Safety Officer Course
12/2000; Instructor Training Course, Small Group Instruction
02/1998; Environmental Sampling Course
02/1998; Technical Escort School
02/1998; OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER)
12/1997; Defense Packing of Hazardous Materials for Transportation

Professional Publications:

Co-Author: Essentials of Public Health Preparedness and Emergency Management, ISBN-13: 9781284121476, Johns & Bartlett Learning, May 2018

Co-Author: Early Identification and Prevention of the Spread of Ebola in High-Risk African Countries, Morbidity and Mortality Weekly Report, Suppl. 2016 Jul 8; 65(3): 21-27

Author: The EOC Development Tool, Journal of Applied Learning Technology, Winter 2015, Volume 5, Number 1, page 20

Contributor: A National Strategic Plan for Public Health Preparedness and Response, Office of Public Health Preparedness and Response, CDC, September 2011.

Reviewer/Contributor: Environmental Law, 7th Edition, Nancy K. Kubasek and Gary S. Silverman, Prentice Hall Publishing, 2011. Contributed idea and language for a section on Green Initiatives by the US government.