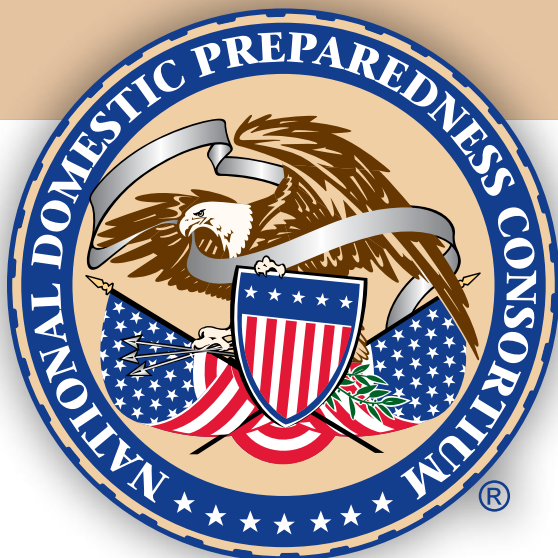


# the NDPC



FEMA

Center for  
Domestic  
Preparedness



# Annual Report 2015

## MESSAGE FROM THE CHAIRMAN



One of our biggest challenges involves not just developing and delivering training to increase our nation's preparedness against all-hazards, but measuring success. Truly, one of the big conundrums we face is to identify gaps in capabilities and ensure that we are more prepared and resilient as a nation.

Resilience is, to borrow from a recent National Research Council Report, a "national imperative." Resilience is our capacity to absorb and withstand a shock, to respond and provide relief quickly, to restore and rebuild systems, services, and communities and to learn from harm-causing events so that we are better prepared the next time we face a threat or hazard.

The NDPC develops and delivers training courses to ensure our nation's safety and security in the face of natural, man-made, and technological hazards and threats. We build capabilities across different disciplines and strive to train our nation's first responders, emergency managers, professionals, and others called upon when disaster strikes. Working in partnership with FEMA, state and local governments, territories, tribal entities, and others involved in all phases of disaster response, recovery, and mitigation, we build preparedness through training, exercises, and education. The NDPC is the premier training alliance for all-hazards disaster risk reduction.

In addition to tracking the number of emergency management professionals we have trained by state and discipline, we have also developed indicators of preparedness. This is not a new effort. There are rating systems for hazards such as ISO (International Standards Organization) for fire, NFIP's (National Flood Insurance Program), CRS (Community Rating System) as well as NOAA's Storm Ready or Tsunami Ready designations for communities. The building industry also has the BCEGS (Building Code Effectiveness Grading Schedule) for assessing how well communities enforce building codes with an emphasis on mitigation of losses from disasters.

We are working on developing better metrics for identifying training needs and requirements, using the Readiness Training Identification and Preparedness Planning (RTIPP) approach, developed and led by LSU's NCBRT. This team-based approach allows agencies to identify training gaps, translate them into goals and priorities, and develop a multi-year training plan. The key to understanding preparedness involves focusing on core capabilities and ensuring that the "right people receive the right training."

Together, with other efforts such as the Threat and Hazard Identification and Risk Assessment (THIRA) and the National Preparedness Report (NPR), and also State Preparedness Report (SPR), we as a nation can better understand, measure, and strengthen preparedness. This report summarizes our efforts and highlights critical just-in-time training provided by NDPC including courses developed to address the Ebola Virus Disease, transportation of crude oil by rail and cybersecurity. The data within this report can be utilized to help identify critical gaps and training needs necessary to build a more prepared and resilient nation.

We need to ensure that the NDPC continues to provide high quality training throughout the U.S. and its territories. Preparedness is a shared responsibility. We must work together to build and maintain a culture of preparedness.

### Karl Kim, Ph.D.

*Chair, NDPC • Executive Director NDPTC*

## NDPC Mission Statement

Our MISSION is to develop and deliver advanced all-hazards training to prepare the nation.

## NDPC Vision

Our VISION is to be the preeminent provider of training services that strengthens our Nation's capabilities to reduce risk and build resiliency; thereby creating a culture of preparedness.



## NDPC Values

### Integrity

We hold ourselves to the highest standards of professional ethical behavior.

### Service

We devote ourselves to ensuring that America's preparedness needs are met in a responsible manner.

### Excellence

We constantly and consistently strive to exceed all expectations.

### Teamwork

We believe that the best results are achieved through collaborative efforts.

## NDPC Role in National Preparedness

The NDPC is sponsored through the Department of Homeland Security/FEMA National Preparedness Directorate. It is the principal means through which the Directorate identifies, develops, tests, and delivers training to state and local emergency responders.

Since its establishment in 1998, the NDPC's impact on national preparedness has been substantial. The NDPC has conducted training in all 50 states, the District of Columbia and each U.S. territory. This training has benefited more than **2,436,140** individuals since 1998. In FY2015, the Consortium's various programs met the training and education needs of more than 157,499 emergency responders and state, local, and tribal government employees. The Consortium applies its expertise in academics, curriculum development, and instructional techniques to produce training programs that address the most urgent needs of the emergency response community.

# PARTICIPANTS

## Participants Trained by the NDPC • FY2015

NDPC Member	Participants	Deliveries
Center for Domestic Preparedness (CDP) – Anniston, AL	52,503	2,297
Energetic Materials Research and Testing Center (EMRTC) – NM Tech – Socorro, NM	18,733	551
National Center for Biomedical Research and Training (NCBRT) – LSU – Baton Rouge, LA	12,843	471
National Emergency Response and Rescue Training Center (NERRTC) TEEX – College Station, TX	54,799	1,146
Center for Radiological/Nuclear Training (CTOS) – NNSA – Las Vegas, NV	11,436	331
National Disaster Preparedness Training Center (NDPTC) – UH – Honolulu, HI	5,393	279
Security and Emergency Response Training Center (SERTC) – TTCI – Pueblo, CO	1,792	78
<b>TOTAL</b>	<b>157,499</b>	<b>5,153</b>

## Participants Trained by the NDPC • Inception (1998) through September 2015

NDPC Member	Participants	Deliveries
Center for Domestic Preparedness (CDP) – Anniston, AL	891,479	39,419
Energetic Materials Research and Testing Center (EMRTC) – NM Tech – Socorro, NM	495,936	10,914
National Center for Biomedical Research and Training (NCBRT) – LSU – Baton Rouge, LA	330,068	11,592
National Emergency Response and Rescue Training Center (NERRTC) TEEX – College Station, TX	522,693	10,558
Center for Radiological/Nuclear Training (CTOS) – NNSA – Las Vegas, NV	171,539	4,837
National Disaster Preparedness Training Center (NDPTC) – UH – Honolulu, HI	20,029	946
Security and Emergency Response Training Center (SERTC) – TTCI – Pueblo, CO	4,396	223
<b>TOTAL</b>	<b>2,436,140</b>	<b>78,487</b>

## Participants Trained by the NDPC

	FY2015	Inception-Sept. 2015
Participants	<b>157,499</b>	<b>2,436,140</b>
Deliveries	<b>5,153</b>	<b>78,487</b>

## Facts and Figures

Individuals Trained by Discipline	Since Inception	FY 2015
Animal Emergency Services (AES)	611	93
Agricultural Safety (Pre and Post Harvest) (AGS)	786	56
Citizen/Community Volunteer (CV)	5,870	1,424
Emergency Management (EM)	97,879	9,011
Emergency Medical Services (EMS)	153,552	10,845
Fire Service (FS)	346,837	15,911
Governmental Administrative (GA)	41,574	2,673
Healthcare (HC)	107,945	1,659
Hazardous Materials (HM)	28,557	4,723
Information Technology (IT)	7,100	2,903
Law Enforcement (LE)	1,002,030	31,733
Other (OTH)	488,353	12,449
Public Health (PH)	60,948	3,704
Public Safety Communications (PSC)	12,665	955
Private Sector/Corporate Security & Safety Professionals (PSP)	15,674	1,878
Public Works (PW)	55,359	2,570
Search and Rescue (SR)	3,931	1,061
Transportation Security (TS)	6,469	632
Center for Domestic Preparedness (CDP)*	—	52,503
<b>TOTAL</b>	<b>2,436,140</b>	<b>157,499</b>

\*CDP numbers included in each discipline since inception, but not available in disciplines for FY2015

# PARTICIPANTS TRAINED BY STATE

## Inception through September 2015

State	CDP	CTOS	EMRTC	NCBRT	UH/ NDPTC	TTCI/ SERTC	NERRTC	Trained
AK	1,524	264	2,007	505	176	1	1,960	<b>6,437</b>
AL	31,874	2,571	5,671	3,744	246	185	9,374	<b>53,665</b>
AR	2,399	1,071	2,210	2,517	6	31	4,187	<b>12,421</b>
AS	691	218	402	177	229	-	960	<b>2,677</b>
AZ	9,634	3,135	7,689	4,000	100	65	16,741	<b>41,364</b>
CA	106,820	11,672	32,214	23,771	1,645	132	45,023	<b>221,277</b>
CO	15,707	2,126	10,792	3,367	203	267	7,904	<b>40,366</b>
CT	5,329	2,436	4,263	2,148	128	8	5,125	<b>19,437</b>
DC	7,540	3,120	10,058	4,612	86	4	7,230	<b>32,650</b>
DE	1,486	378	2,972	1,127	55	3	1,788	<b>7,809</b>
FL	24,014	9,848	23,433	12,809	872	222	26,319	<b>97,517</b>
GA	14,935	3,558	12,848	3,602	94	108	13,063	<b>48,208</b>
GU	940	2,739	4,485	1,420	306	-	2,119	<b>12,009</b>
HI	3,723	1,798	4,653	2,833	1,643	-	5,102	<b>19,752</b>
IA	1,815	512	2,044	2,445	113	63	3,288	<b>10,280</b>
ID	2,036	198	2,030	933	224	7	2,016	<b>7,444</b>
IL	68,490	5,009	26,022	29,581	329	101	11,040	<b>140,572</b>
IN	29,652	1,857	9,704	4,356	29	69	26,523	<b>72,190</b>
KS	5,498	815	7,429	4,172	106	41	3,783	<b>21,844</b>
KY	8,521	1,966	3,013	4,334	135	28	7,447	<b>25,444</b>
LA	10,935	1,972	7,558	11,333	339	56	7,439	<b>39,632</b>
MA	5,197	4,660	17,290	3,675	258	33	7,157	<b>38,270</b>
MD	15,611	2,764	11,225	9,721	217	70	8,909	<b>48,517</b>
ME	2,761	598	2,540	840	2	19	2,311	<b>9,071</b>
MI	27,617	5,296	15,079	6,872	301	133	17,440	<b>72,738</b>
MN	11,639	1,509	11,090	5,005	33	57	5,514	<b>34,847</b>
MO	12,075	2,642	7,082	5,661	275	74	6,088	<b>33,897</b>
MP	1155	214	419	806	488	-	2,460	<b>5,542</b>

State	CDP	CTOS	EMRTC	NCBRT	UH/ NDPTC	TTCI/ SERTC	NERRTC	Trained
MS	10,625	1,077	6,521	3,444	53	92	6,669	<b>28,481</b>
MT	2,004	206	1,438	485	74	12	2,622	<b>6,841</b>
NC	12,147	3,216	14,218	6,352	120	138	9,331	<b>45,522</b>
ND	3,452	165	1,007	330	13	100	2,167	<b>7,234</b>
NE	2,098	315	3,296	800	51	15	1,952	<b>8,527</b>
NH	2,063	666	2,984	1,595	14	10	3,376	<b>10,708</b>
NJ	22,899	9,679	17,697	6,374	312	78	12,888	<b>69,927</b>
NM	5,724	814	10,780	4,107	240	14	5,743	<b>27,422</b>
NV	6,983	2,382	2,585	1,605	26	24	5,780	<b>19,385</b>
NY	246,023	36,373	42,236	23,706	1,463	179	24,338	<b>374,318</b>
OH	28,476	4,359	20,741	7,941	652	60	14,271	<b>76,500</b>
OK	4,861	901	4,833	8,366	157	11	5,559	<b>24,688</b>
OR	12,052	751	2,275	661	836	11	4,714	<b>21,300</b>
PA	12,767	4,660	16,723	26,682	422	101	9,501	<b>70,856</b>
PR	4,478	946	3,193	1,049	283	-	6,150	<b>16,099</b>
RI	3,579	606	3,454	1,562	10	34	4,110	<b>13,355</b>
SC	14,107	2,659	5,921	14,451	128	216	11,012	<b>48,494</b>
SD	621	179	327	352	47	38	830	<b>2,394</b>
TN	5,586	2,603	14,258	4,153	170	145	13,754	<b>40,669</b>
TX	24,096	12,264	25,487	41,805	375	209	72,017	<b>176,253</b>
UT	4,474	771	2,428	1,036	1	8	1,930	<b>10,648</b>
VA	12,276	5,627	19,977	4,855	249	168	22,291	<b>65,443</b>
VI	1,583	896	6,152	2,568	4,310	-	6,018	<b>21,527</b>
VT	386	148	239	99	36	1	1,337	<b>2,246</b>
WA	8,914	2,429	9,899	3,824	789	58	7,707	<b>33,620</b>
WI	2,029	1,015	8,199	2,500	387	49	3,720	<b>17,899</b>
WV	4,362	681	1,532	2,314	111	13	2,380	<b>11,393</b>
WY	2,755	205	1,314	686	62	38	2,216	<b>7,276</b>
<b>Totals</b>	<b>891,479</b>	<b>171,539</b>	<b>495,936</b>	<b>330,068</b>	<b>20,029</b>	<b>4,396</b>	<b>522,693</b>	<b>2,436,140</b>



The NDPC has the capability to respond to urgent training needs. The Consortium provides states with essential training to address critical gaps and strengthen core capabilities, thus enhancing our nation's preparedness as seen with the following:

## Ebola

Ebola Virus Disease received national attention when the first patient was diagnosed in Dallas on September 30, 2014. In less than a month, PER-320 Personal Protective Measures for Biological Events, was developed and delivered by the CDP and other members of the NDPC. The course increases the ability to identify biological threats, protect against threats, and perform protective measures. The course received numerous training requests across the U. S. By November 2014, the CDP received 110 course requests to train 4,800 students. NDPC members collaborated in sharing personnel and resources to mobilize the training across the country.

In addition to the PER-320 course, the Consortium also delivered courses such as Biological Incidents Awareness: Ebola Virus Disease; Disaster Preparedness for Hospitals and Healthcare Organizations Within the Community; and Pediatric Disaster Response and Emergency Preparedness in response to the national need for training on this emerging threat. Collectively, the NDPC has trained 5,829 first responders across the nation on courses relevant to Ebola since the September 2014 diagnosis.

*“Excellent instruction group; provided value 10X above the basic administrative value of the course. There were techniques taught that really helped understand the concept better.”*

**STUDENT**  
Ebola Course

## Crude Oil by Rail

In 2014, the transportation of crude oil by rail became a national concern. With funding from the Class I railroads, TTCI – SERTC developed three training programs, as well as the full-scale training scenario to address Crude by Rail (CBR) emergency response. TTCI – SERTC was able to train 1,504 first responders during 2014. These training programs work directly with DHS/FEMA, and NTED and support the National Preparedness Goals. Based on the success and demand for this CBR program, DHS/FEMA has authorized continued support of TTCI – SERTC as a member of the NDPC. By continuing this training, TTCI – SERTC will assist in building the nation's capacity to respond to rail disasters.

## Cybersecurity

Cybersecurity has emerged as a significant threat to the nation's security. DHS/FEMA recognized the need to develop training for federal, state and local responders. These courses were delivered by TEEEX/NERRTC without any additional funding beyond the member's Cooperative Agreement award. Addressing the rapidly growing and highest priority training gap identified in the 2013, 2014, and 2015 National Preparedness Reports, states have become more concerned about the threat of information breaches, they are requiring all state level staff to take the web based training, provided at no cost by the NDPC. In response to the growing need for cybersecurity training, the NDPC has created portals, allowing state employees to register and complete cybersecurity training through the NDPC maintained server. The portal allows states to track training completions, ensuring that the training requirements are met.

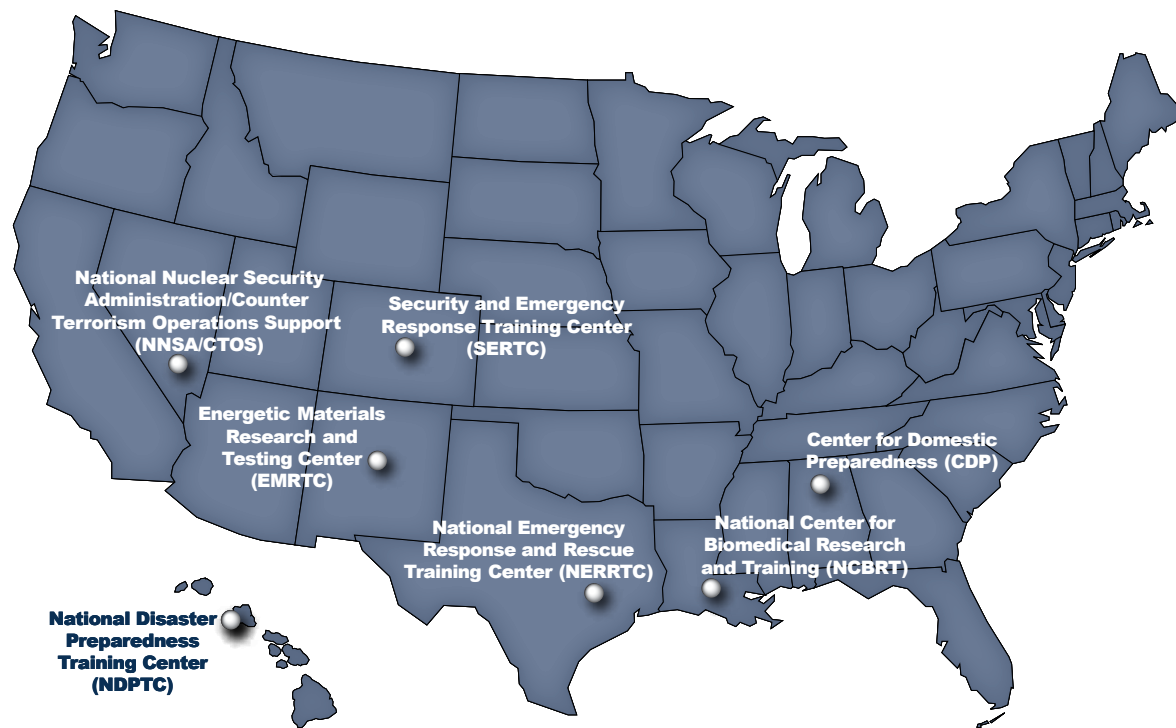
## Pediatric Disaster Response and Emergency Preparedness

This course was created by TEEEX/NERRTC in response to the 2010 report by the National Commission on Children and Disasters. By incorporating case studies and small group exercises, participants discuss concepts and share ideas on pediatric disaster preparedness. A review of community preparedness is conducted identifying weaknesses or gaps. The courses culminates with participants producing a list of ways to bridge gaps and identifying next step follow on issues. The course has been delivered in 27 states to more than 1,400 participants in the first year of its availability.

*“The course was amazing. It covered a lot of valuable information in only two days. I found the interactive group activities to be helpful and they helped reinforce the materials that were taught.”*

**STUDENT**  
Concord, New Hampshire  
Pediatric Emergency Preparedness Course





## The NDPC is a National Homeland Security Training Asset

The NDPC is an entity with deep experience, expertise, competencies, and a longstanding relationship with DHS/FEMA. It is a trusted partner with state, local, tribal, and territorial jurisdictions. It supports the national training program mandate to identify, develop, test, and deliver homeland security training to all emergency disciplines. The stability and long term investment in the NDPC serves as a force multiplier for our nation's preparedness by:

- Training over 2.4 million trained responders/receivers as of FY'15 (includes CDP, an NDPC member that is also a federal entity)
- Augmenting FEMA's training responsibilities freeing up resources to focus on FEMA's growing response and recovery roles
- Providing curriculum and course deliveries at no direct cost to state and local agencies
- Maintaining a cadre of instructors with real world experience from across the country
- Maintaining continuity in training for improved mutual aid and collaborative response efforts
- Providing peer reviewed course curricula
- Reevaluating course materials for relevance to emerging needs
- Aligning course content to national doctrine and standards
- Employing innovative training techniques
- Promoting the "whole community approach" to emergency management
- Affiliating with leading academic, state, and federal institutions
- Investing in information technologies, facilities and training equipment
- Collecting data and maintaining reporting systems, designed to meet the needs of FEMA and state, local, tribal, and territorial agencies
- Maintaining relationships with state, local, tribal, and territorial entities
- Maintaining relationships with key federal agencies
- Conducting outcome-based studies to demonstrate the effectiveness and diffusion of training

The robust training infrastructure and network created by the NDPC have resulted from the stability and the continued support of Congress. To rebuild these assets would require substantial new investment.

## NDPC TRAINING PARTNERS



FEMA

Center for Domestic Preparedness

### Center for Domestic Preparedness

The CDP identifies, develops, tests, and delivers training to state, local, and tribal emergency response providers. They provide training at the performance, management, and planning levels. The CDP facilitates training by the training partners of the U.S. Department of Homeland Security.

**CORE COMPETENCY:** Prevention, deterrence and response to chemical, biological, and nuclear attacks involving hazmat

*"I wouldn't change this experience for anything. I was a little nervous about the training, but I had a great time in Anniston. I met wonderful (responders) from all over the U.S., and your instructors were awesome. This training has been the best I've experienced in my 15 years in law enforcement."*

LISETTE GARCIA

Los Angeles Police Department; California



TEXAS A&M ENGINEERING



EXTENSION SERVICE

NATIONAL EMERGENCY RESPONSE AND RESCUE TRAINING CENTER

### National Emergency Response and Rescue Training Center

NERRTC assists and plays a major role in DHS/FEMA's establishing and maintaining the concept of "culture of preparedness" and has sharpened its focus on that concept by incorporating an "all-of-nation"/"whole community," risk-driven, capabilities-based approach to preparedness. NERRTC provides training in ten core competency areas across the community:

**CORE COMPETENCY:** Incident management, medical, hazmat, public works, threat and risk assessment, senior executive programs, critical infrastructure protection, and cyber security

*"I wanted to thank you and the other instructors for the course last week. Probably the best course I have taken in my career. It will really help our community."*

ANDREW CASTIGLIONE

Rescue Team Member  
Seabrook, TX Volunteer Fire Department





## National Center for Biomedical Research and Training

The mission of the National Center for Biomedical Research and Training (NCBRT) is to help America prevent, prepare for, respond to, and recover from acts of domestic and international terrorism, weapons of mass destruction, and high-consequence events through teaching, training, technical assistance, and research.

**CORE COMPETENCY:** Prevention, deterrence and response to terrorist acts, law enforcement, biological and food defense/agricultural related terrorism response



*“The hands-on training was the most useful aspect of this course. It was more “real-life” than the other active shooter classes I have taken - more realistic. I used it during an incident in which we were breaching a home that involved an active domestic dispute. More active shooter training is needed.”*

**LYNN JONES**

Road Deputy, Hancock County Sheriff's Office, Camp Shelby, MS



## The Energetic Materials Research and Testing Center

The Energetic Materials Research and Testing Center (EMRTC), a major research and training division of New Mexico Tech, is internationally recognized and has over 60 years' experience in explosives research and testing. EMRTC specializes in the research, development, testing, and analysis of energetic materials for both corporate and government clients.

**CORE COMPETENCY:** Explosive and incendiary attacks



*“Our deputies were on a probation search today in Palmdale and located ... bomb making materials they were taught about in the courses they attended at NMT. The deputies are adamant that had they not attended this training, they would not have known what they were seeing.”*

**SGT. BRIAN C. JONES**

Training and Scheduling Sergeant • Palmdale Sheriff's Station



## National Disaster Preparedness Training Center

The NDPTC at the University of Hawai'i focuses on natural disasters. Hazards such as tornadoes, flooding, and hurricanes cause the greatest loss of lives, property damage and disruption. In terms of both the frequency and consequences, the risks of natural hazards demand continued investment in preparedness and training. NDPTC reduces disaster risk through development and delivery of training and education on disaster preparedness, response, and recovery to governmental, private, tribal, and non-profit entities, and under-represented/under-served communities with emphasis in coastal regions, islands and territories to build community resilience and address the needs of vulnerable at-risk populations.

**CORE COMPETENCY:** Natural hazard risks to coastal region, island and urban communities; natural disaster preparedness, response and recovery planning; leveraging technology for disaster management applications.

*“The comprehensive Hurriplan course provided the resources, reference documents and insight to create long range plans to help make the City of Cape May sustainable and resilient in the face of more frequent major storms such as Sandy.”*

**EDWARD J. MAHANEY JR.**

Mayor of Cape May, New Jersey



# NDPC TRAINING PARTNERS



## National Nuclear Security Administration/ CTOS-Center for Radiological/Nuclear Training

The NNSA/CTOS mission is to develop and deliver the most realistic and highest quality training in support of Homeland Security using our extensive radiological expertise with the unique assets of the NNSS. CTOS is the nation's premier weapons of mass destruction (WMD) radiological/nuclear training center. CTOS has focused on training America's First Responders to prevent or respond to terrorist's use of radiological or nuclear weapons of mass destruction.

**CORE COMPETENCY:** Prevention, deterrence and response to radiological/nuclear attacks



## Transportation Technology Center, Inc. Security and Emergency Response Training Center

The SERTC mission is to provide our customers highly effective and efficient railway research, consulting, testing, system engineering, inspections, training, and technical support for standards in a safe manner, ensuring the highest level of integrity while providing our employees a challenging and sustainable work environment.

**CORE COMPETENCY:** Transportation research and testing organization, providing emerging technology solutions for the railway industry



*“After completing this (Preventive Radiological/Nuclear Detection Team Operations) class, we now have the ability to employ these new tactics while conducting (radiological) surveys throughout the airport. We were impressed with the caliber of your instructors. The knowledge and experience they shared with us was invaluable. They helped us apply the classroom material in the field with real life scenario exercises.”*

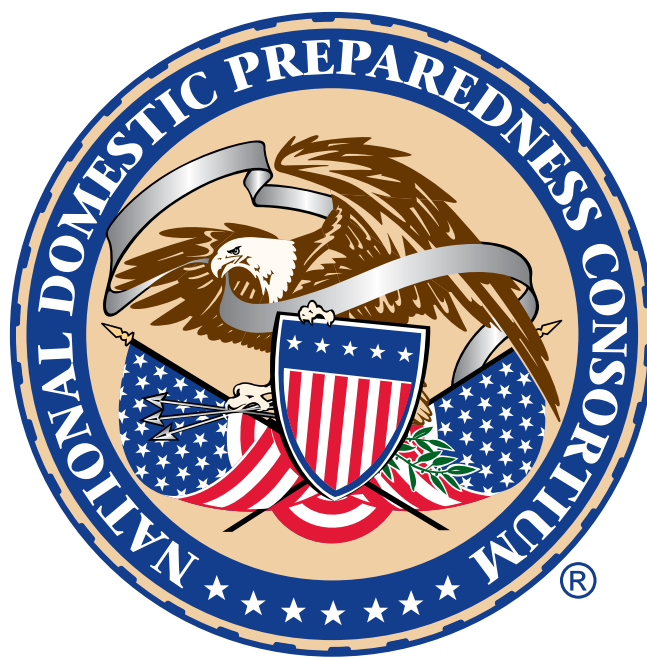
**LIEUTENANT MASIS SOSSIKIAN**  
Los Angeles World Airport Police (LAX)

*“During the one week course at SERTC the staff, who have dozens of years of real world experience between them, gave us training in the latest techniques in mitigating rail car accidents. By the end of the course I was more informed and knowledgeable in railroad operations and hazardous materials incident mitigation than I could have hoped to be.”*

**LIEUTENANT BRAD FLYNN**  
Helena Police Department







[ndpc.us](http://ndpc.us)  
[info@ndpc.us](mailto:info@ndpc.us)