



Fiscal Year 2020 Annual report

Maryland-National Capital Region Emergency Response System

June 1, 2021 to May 31, 2022





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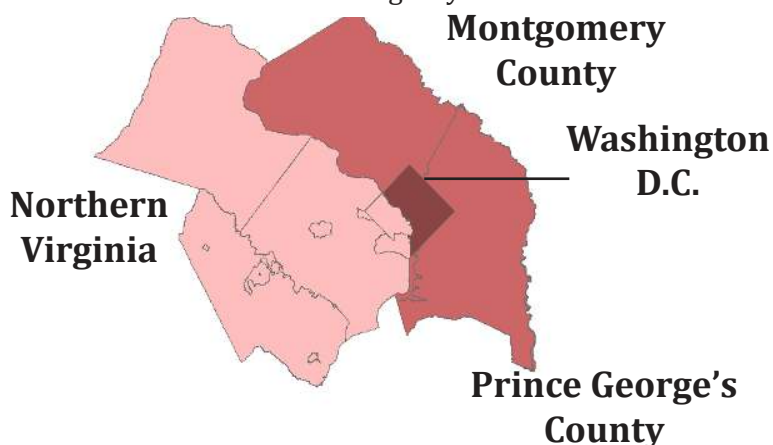
PROGRAM OVERVIEW

Natural and man-made crises remain a persistent threat to adequately protect communities within the United States. The National Capital Region (NCR), which encompasses 27 local, state, and federal jurisdictions within and straddling Washington D.C., presents a unique risk profile with its concentration of residents, tourists, critical infrastructure, federal installations, cultural sites, commercial facilities, and federal, state, and local governments. Major emergencies within the NCR have included the 9/11 attack at the Pentagon, the Beltway Sniper, the social unrest at the Capitol on January 6th, large-scale planned and spontaneous demonstrations, the hostage situation at the Discovery Building, large-scale fires, major hurricanes, and numerous other hazardous incidents. It is an arduous process for first responders to prepare for the myriad of different evolving and emerging threats.

To help major jurisdictions, like the NCR, the Department of Homeland Security (DHS) has created the Urban Areas Security Initiative (UASI) grant program. This program assists high-threat, high-density urban areas in efforts to build and sustain the capabilities necessary to prevent, protect against, mitigate, respond to, and recover from acts of terrorism. Each year, a subset of the NCR's UASI funds are allocated to the Maryland-National Capital Region Emergency Response System (MDERS) to build and enhance response capabilities in Montgomery and Prince George's Counties.

MDERS serves as a conduit to promote interjurisdictional and interdisciplinary coordination between emergency management; fire, rescue and emergency medical services; law enforcement; public health; and healthcare agencies within Montgomery and Prince George's Counties. Through this collaboration and the administration of awarded UASI funds, MDERS leads the building and implementation of critical response capabilities that protect over 2 million residents within the Maryland-National Capital Region (MD-NCR).

All of MDERS's work is guided by a Strategic Plan that is created in consultation with a Steering Committee comprised of county agency leadership from the five MDERS supported stakeholder disciplines. In alignment with the enumerated goals, MDERS and the Steering Committee representatives identify response capabilities within the region that require additional development, expansion, or in some cases, creation. MDERS staff work closely with relevant stakeholder agencies to create Capability Development Plans (CDPs), which identify the approach to planning, organizing, equipping, training, exercising, and evaluating (POETEE) all capabilities. Upon completion of the CDPs, MDERS oversees the long-term implementation of the capability until ownership is transferred to the stakeholder agency.





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MESSAGE FROM THE DIRECTORS

To the stakeholders, residents, and visitors of the Maryland-National Capital Region:

MDERS was created to optimize emergency response to routine and large-scale incidents. Through coordination with multiple public safety agencies and disciplines, MDERS oversees, implements, and administers comprehensive capability development strategies that are inclusive of planning, organization, equipment, training, exercises, and evaluation. These capabilities ensure the enhancement of the Maryland-National Capital Region's preparedness and interoperability. The core partners to MDERS's mission include local, county, and state stakeholders from emergency management; fire, rescue and emergency medical services; law enforcement; public health; and healthcare agencies. Beyond local coordination, MDERS works closely with the neighboring Emergency Response Systems (ERSs) of Northern Virginia and the District of Columbia to standardize response throughout the NCR.

Fiscal Year (FY) 2020 has been another highly successful period for MDERS. Supported by a multi-million-dollar federal UASI grant, the program has taken major steps to improve interoperable response capabilities in Montgomery and Prince George's Counties. These enhancements address some of the most significant threats to the Maryland-National Capital Region that transcend traditional disciplinary boundaries. This report is intended to provide an overview of the activity and accomplishments of the program during this period.

Since 2014, the staff and stakeholders have applied a capability-based approach to efforts undertaken by the organization. This approach, based on measurable target outcomes, encompasses all aspects necessary to operationalize and achieve the target outcome. This includes planning, organizing, equipping, training, exercising, and evaluating (POETEE). The approach has emphasized comprehensive planning throughout the project life cycle to achieve target response capabilities and capacities most effectively and efficiently throughout the Region. Fiscal Year 2020 was the sixth complete budget cycle during which this approach was applied consistently for the entirety of the period. The results of the approach have offered extensive solutions to complicated and interdependent capabilities. It has also supported strategic, multi-year approaches to build complex and expanding capabilities.

While the staffing strategy has always proved beneficial for MDERS and its support to the capability development process, the MDERS organization underwent significant changes to its organizational structure this past year. The organization said farewell to Luke Hodgson, the founding Director of MDERS. Luke was instrumental in building the Maryland-NCR Emergency Response System as we all know it today. His guidance, leadership, knowledge, and demeanor are what took this organization from a small staff of three people when it began, to what we operate as today. Since the organizations' inception, it has functioned with numerous different staffing structures, always adapting to provide the necessary support for the stakeholders in assisting with the development of and funding of their response capabilities. While a transition of this magnitude was challenging for both MDERS staff and our stakeholders, progress continued to be made throughout the year. Under the new Co-Director leadership, MDERS altered its organizational structure slightly to adapt to the specific needs of the stakeholders. This includes two Acting Co-Directors, a Deputy Director of Operational Support, a Deputy Director of Finance and Administration, six Emergency Response Planning Specialists, two Project Managers, a Financial Manager, and an Administrative Specialist. The staff come together to create a thorough system of developing capabilities and supporting stakeholders to achieve their mission areas.

The NCR's Homeland Security Executive Committee (HSEC) directed several million dollars to be invested in



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MDERS staff, programs, and projects during FY 2020. These investments allowed the program to accomplish several initiatives towards building and sustaining capabilities, including:

- Hosting the sixth annual Emergency Response System Symposium with a main discussion on the complex, multijurisdictional response to the January 6th events at the Capitol and other presentations on emerging homeland security threats.
- Coordinating the participation of stakeholders at a variety of trainings and conferences to enhance attendees' skills and knowledge.
- Developing exercises tailored to meet the specific needs of emergency response personnel to help examine operational performance, to include a first full-scale exercise designed and delivered by MDERS staff.
- Procuring additional supplies for the continued expansion and implementation of the Public Access Trauma Care (PATC) program in Montgomery and Prince George's Counties.
- Supporting the operations of the Medical Resource Officer (MRO) for Montgomery and Prince George's Counties to strengthen emergency health and medical response efforts, including the administration of COVID-19 booster vaccinations and response to the spread of the Mpox (monkeypox) virus.
- Facilitating access to medical supply caches by providing an F-650 Super Duty Box Truck to NCR hospitals that allows for the quick retrieval of essential materials to support healthcare facilities during a mass Casualty incident (MCI).
- Equipping law enforcement officers with personal protective equipment (PPE) to effectively respond to public order and civil disturbance events.
- Upfitting six Montgomery County Police Department (MCPD) district response vehicles with additional equipment and medical supplies to support tactical operations.
- Upgrading the technology platform of an ICOR robot to improve the safety, communication, and intelligence gathering capabilities for Prince George's County Police Department (PGPD).
- Outfitting Prince George's County Fire/EMS (PGFD) personnel with ballistic protection equipment to minimize potential injuries when working in law enforcement sensitive environments.
- Expanding the command competency of stakeholder agencies by providing specialized hardware, tools, and resources to augment the development of virtual simulation training scenarios for incident commanders.
- Financing the integration of seven innovative and experimental technologies that address emerging homeland security threats.
- Providing consulting and staffing support for the operations, planning, and response efforts of the Montgomery County Office of Emergency Management and Homeland Security (OEMHS) and the Prince George's County Office of Homeland Security and Emergency Management (OHS/EM).

As we look back on the success of this past year, the staff and stakeholders look forward to continuing to build upon these capabilities and undertaking new ones in the coming year. Initiatives planned for Fiscal Year 2021 include the continuance of the MDERS training and exercise program; emergency management response and recovery staff support; public order response equipment; Medical Resource Officers; volunteers and donations management coordinators; continued expansion of the Public Access Trauma Care (PATC) program; small Unmanned Aerial System (sUAS) platforms; technical rescue vehicle; mobile clinical competency for emergency medical services (EMS) personnel; damage assessment software; a technology pilot for emerging homeland security tools; augmented reality equipment; and a variety of specialized tactical equipment for law enforcement agencies.



On behalf of the stakeholder agencies and the citizens they serve, we extend a great deal of gratitude to the NCR HSEC for continuing to acknowledge the value of interjurisdictional and interdisciplinary response. The support and financial investments of this leadership body have provided a means to accomplish enhancements that would otherwise be impossible.

We also thank the Maryland Institute for Emergency Medical Services Systems (MIEMSS). MIEMSS has administered the financial, personnel, and procurement aspects of MDERS since its inception. Its staff offers countless hours and immeasurable efforts to support the community by assisting in building the response capabilities. The continued support of MIEMSS is invaluable to the existence and success of the MDERS program.

We would like to personally thank former MDERS Director Luke Hodgson. Without his tenacity and perseverance response capabilities in the Maryland-NCR would not be as robust as they are today. MDERS is well positioned to build and sustain response capabilities in this region because of his vision.

Finally, thank you to the representatives of the stakeholder agencies who serve on the Steering Committee for providing ongoing strategic direction for the program. Likewise, we are grateful to the countless subject matter experts (SMEs) from the agencies that lend their time to building these regional capabilities.

We congratulate the stakeholders and staff for all the accomplishments that are detailed in this report. Your efforts benefit the overall response capacity, thereby enhancing the service to the residents and visitors that we collectively serve. We look forward to continuing to work with our response community to further grow our capabilities in the coming years.

Sincerely,

Lauren Collins *Nicole Markuski*



Lauren Collins

Acting Co-Director
Deputy Director of
Finance and Administration



Nicole Markuski

Acting Co-Director
Deputy Director of
Operational Support



ABOUT MDERS



MDERS was organized in 2014 to support the development of coordinated emergency response capabilities in Montgomery and Prince George's Counties. The disciplines represented in MDERS include emergency management; fire, rescue and emergency medical services; law enforcement; public health; and healthcare agencies. Direction is provided by a Steering Committee composed of representatives from all five disciplines from each county, as well as the State of Maryland.

The Maryland-National Capital Region Emergency Response System is supported by a National Capital Region Urban Area Security Initiative (UASI) grant from the Federal Emergency Management Agency's (FEMA) Grant Programs Directorate (GPD), through the United States Department of Homeland Security (DHS). This program is administered by the Maryland Institute for Emergency Medical Services Systems (MIEMSS).



MISSION, VISION, AND SHARED VALUES

MISSION

To support the integration of fire, rescue, emergency medical services, law enforcement, emergency management, public health, and healthcare systems to ensure a coordinated response to emergency incidents through strategic planning, information sharing, training, exercises, equipment acquisition, and evaluation.

VISION

To serve as the single point of collaboration between all disciplines involved in emergency response in order to achieve integration to optimize all capabilities and provide superior service to the residents and visitors of Montgomery and Prince George's Counties.

SHARED VALUES

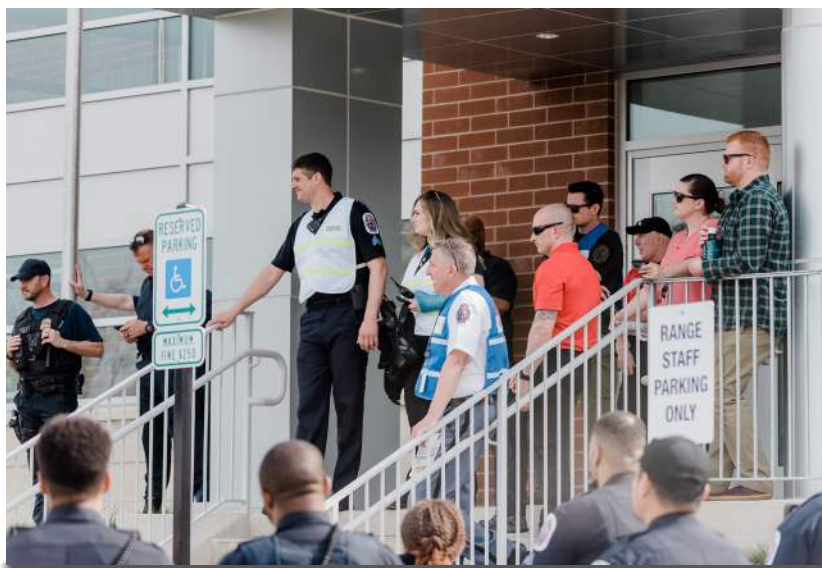
Superior Service: Providing exceptional service to our stakeholders, and the community within the Maryland-National Capital Region.

Collaborative Community: Cultivating an environment where our stakeholders can engage with one another across jurisdictions and disciplines while building lasting, meaningful relationships.

Innovative: Fostering strategic and creative thinking among our stakeholders to build, enhance, and execute response capabilities.

Ethical: Providing a clearly defined, defensible process for all decisions and actions to ensure consistent and appropriate use of taxpayer dollars.

Strategic Commitment: Developing and sustaining a focused, efficient approach to capability development to better serve our stakeholders and community.



PGPD Full-Scale Exercise



OUR STAKEHOLDERS

A full list of MDERS stakeholders is detailed below in **Figure 1**.

Figure 1: MDERS Stakeholders

							
Fire/EMS		Law Enforcement		Emergency Management		Public Health	
Prince George's County Fire/EMS Department		Prince George's County Police Department		Prince George's County Office of Homeland Security and Emergency Management		Prince George's County Health Department	
Montgomery County Fire and Rescue Service		Montgomery County Police Department		Montgomery County Office of Emergency Management and Homeland Security		Montgomery County Department of Health and Human Services	

Hospitals	
Holy Cross Health	University of Maryland Capital Region Health
Luminis Health	MedStar Health
Suburban Hospital	Adventist Health Care

State Agencies	
Maryland Department of Emergency Management	Maryland Department of Health
Maryland Department of Disabilities	Maryland Department of State Police
Maryland Institute for Emergency Medical Service Systems	

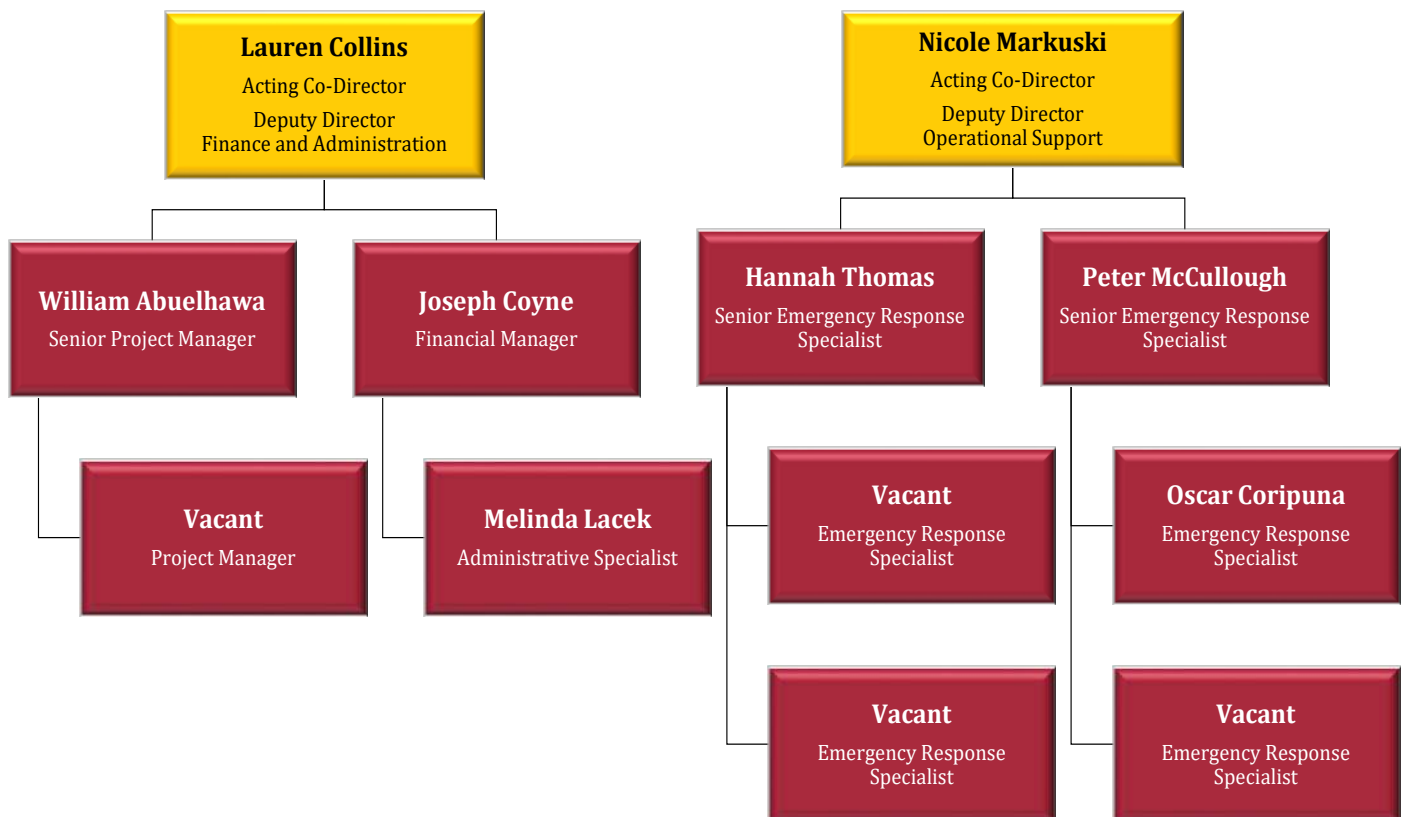


OUR ORGANIZATION

MDERS TEAM

MDERS's Team, shown in **Figure 2** below, consists of the Acting Co-Directors, Deputy Director of Finance and Administration, Deputy Director of Operational Support, Senior Project Manager, Financial Manager, Senior Emergency Response Specialists, Project Manager, Administrative Specialist, and Emergency Response Specialists. This team oversees the execution of MDERS's mission and ensures close collaboration and alignment between both the internal MDERS programs and the stakeholder agencies.

Figure 2: MDERS Team



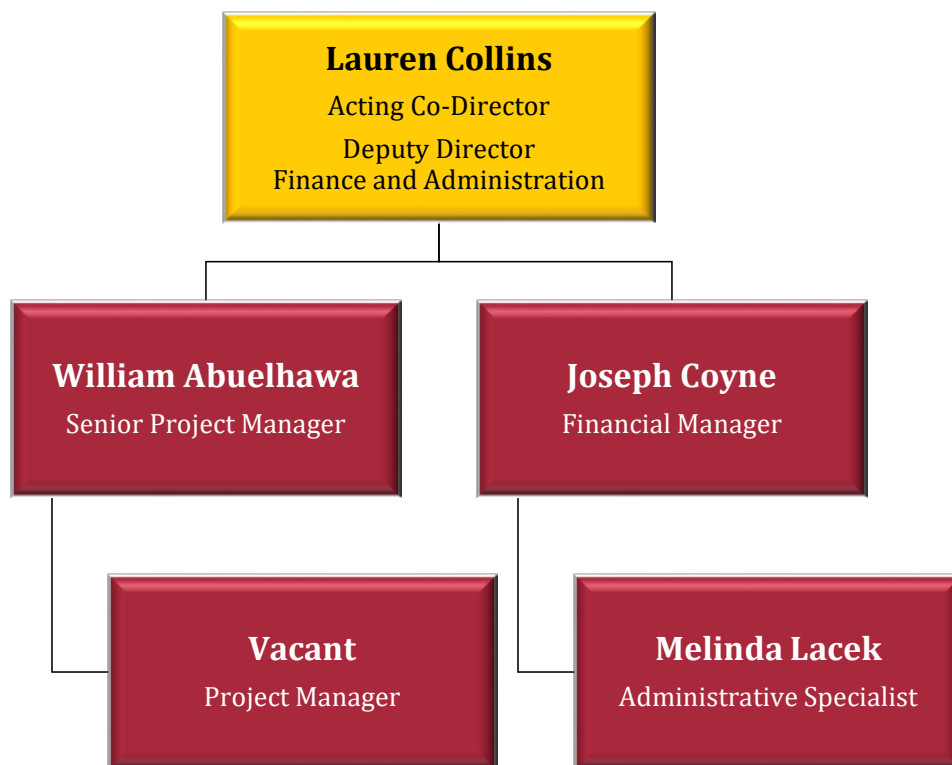


FINANCE AND ADMINISTRATION DIRECTORATE

The Finance and Administration Directorate supports the development, maintenance, improvement, and coordination of the fiscal, procurement, and resource management responsibilities for MDERS and its stakeholder agencies that receive grant support.

Comprised of a Deputy Director, Financial Manager, Senior Project Manager, Project Manager, and Administrative Specialist, the Finance and Administration Directorate works through the entire capability development cycle, overseeing the creation of budgets, submission of proposals, and equipment acquisition. The team tracks all grant-procured equipment, coordinates the deployment of equipment to the subrecipients, plans for future maintenance and replacement, seeks reimbursements for all expenditures through the UASI grant. The Finance and Administration team works closely with the Operational Support team in the development of policies, procedures, guidance, and standards of use for all procured assets.

In addition, the Finance and Administration team supports the successful completion of all UASI subgrants through project management. The team hosts monthly meetings with stakeholders and their respective workgroups to ensure tasks remain on schedule and within budget according to the Project Management Plans (PMPs) that have been approved by the State Administrative Agency (SAA). The team adjudicates all resource needs based on the principles of the respective capability.





OPERATIONAL SUPPORT DIRECTORATE

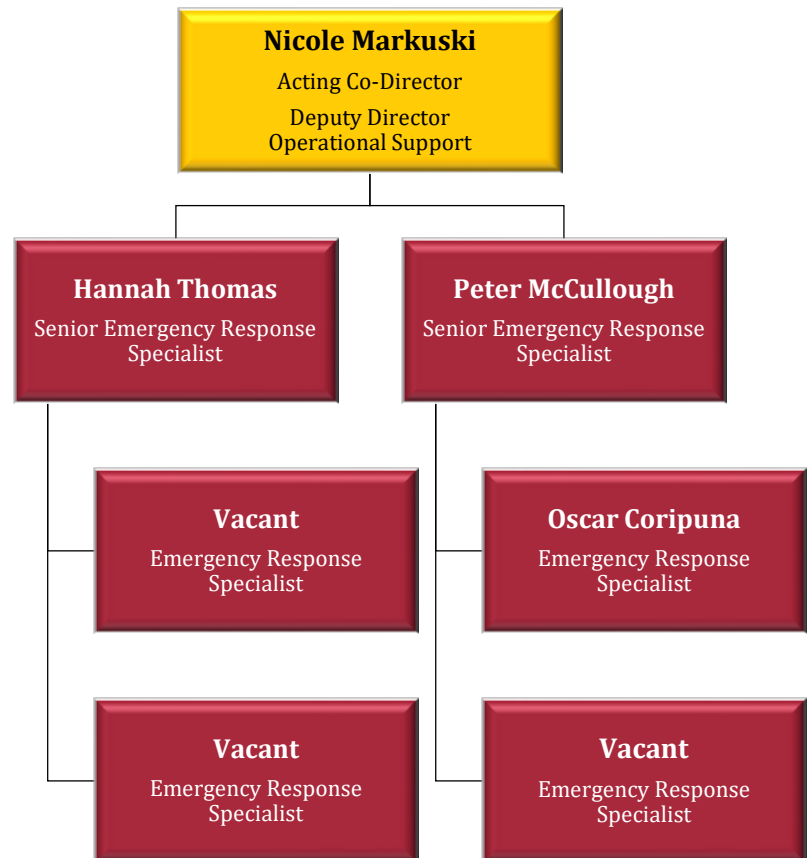
The MDERS Operational Support Directorate supports both internal and external planning, training, and exercise initiatives related to emergency response capabilities and operational procedures for planned and unplanned events within Montgomery and Prince George's Counties. The team is comprised of an Operational Support Deputy Director, two Senior Emergency Response Specialists, and four Emergency Response Specialists.

The Operational Support Directorate oversees the drafting, development, and implementation of comprehensive Capability Development Plans (CDPs). These plans are inclusive of the planning, organizing, equipping, training, exercising, and evaluating that will be necessary to accomplish target capability outcomes from the region's emergency response agencies. The CDPs serve as a roadmap for capability development, declaring each sequential task and deliverable needed to reach the target outcome. To accomplish this, the Operational Support Directorate coordinates multiple work groups of stakeholders that are an integral part of capability development. These groups provide agency- and region-specific input to assist with gap analyses and needs assessments, which are the foundational information for creating CDPs.

In addition to its role in the capability development planning process, the Operational Support Directorate is also responsible for the drafting of the MDERS Strategic Plan, the MDERS Annual Report, and supporting other planning activities in furtherance of the Steering Committee and MDERS stakeholder agencies. Other responsibilities of the Operational Support Directorate include the administration of internal programs such as the MDERS website, file management structure, and related initiatives.

The Operational Support Directorate also supports the planning, delivery, and administration of a variety of multi-disciplinary training and exercise opportunities both within, and external to, the Maryland-National Capital Region. The Operational Support Directorate team coordinates with the Steering Committee, stakeholder agencies, and the MDERS Finance and Administration Directorate to deliver training and exercise opportunities that enhance the knowledge, skills, and abilities of regional emergency responders to support targeted capabilities as identified in the MDERS Strategic Plan. The Operational Support Directorate oversees the budget management, development and delivery, monitoring and reporting, and improvement planning of all associated training and exercise activities throughout MDERS's portfolio.

In addition to its role in the planning and delivery of training and exercise opportunities within the Maryland-National Capital Region, the Operational Support Directorate also supports stakeholders through the advertisement, registration, travel coordination, and reimbursement of specialized training opportunities throughout the United States. These courses are designed to enhance the workforce to optimize response capabilities in the Maryland-NCR.





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FISCAL YEAR 2020-2022 STRATEGIC PLAN

The MDERS Strategic Plan identifies the goals and objectives towards which MDERS, Maryland-National Capital Region stakeholders, and the MDERS Steering Committee guide programmatic efforts for a given fiscal year. The MDERS Strategic Plan identifies seven primary goals which are identified in **Figure 3** below. The objectives are outlined in **Figure 4**.

Figure 3: FY20-22 Strategic Goals

- 1** The Maryland-National Capital Region emergency response partners can respond to active violence incidents.
- 2** The Maryland-National Capital Region emergency response partners can respond to mass casualty incidents of up to 500 patients.
- 3** The Maryland-National Capital Region emergency response partners will establish and utilize the incident command system to coordinate response operations for all-hazards events.
- 4** The Maryland-National Capital Region emergency response partners will gather and share information at all times to maintain situational awareness.
- 5** The Maryland-National Capital Region emergency response partners can address the unique response demands of special events and mass gatherings.
- 6** The Maryland-National Capital Region emergency response partners can respond to large-scale severe weather events.
- 7** The Maryland-National Capital Region Emergency Response System will be a resource for the emergency response community for interjurisdictional, interdisciplinary coordination and capability development.



Figure 4: FY20-22 Goals and Objectives

RESPONSE TO ACTIVE VIOLENCE INCIDENTS

The Maryland-National Capital Region emergency response partners can respond to active violence incidents.

- Police Special Operations Teams shall quickly conduct a threat assessment and deploy tactical resources to contain and mitigate threats, with full transition from patrol within 60 minutes of an incident.
- Each county will have a law enforcement emergency medical services integration policy that provides for initiation of patient care at law enforcement first contact and transition to emergency medical services (EMS).
- Each hospital will have a plan to integrate with law enforcement to treat patients while preserving the extension of the crime scene.

MASS CASUALTY AND MEDICAL SURGE

The Maryland-National Capital Region emergency response partners can respond to mass casualty incidents of up to 500 patients.

- Emergency response partners will be able to respond to, treat, and transport to definitive treatment 500 victims of a mass casualty incident, including patients requiring specialty care and CBRN exposure.
- Emergency response partners will train 5,000 civilians each year to serve as Immediate Responders during mass casualty incidents, and 100 instructors per year to deliver the training.
- Each healthcare facility will have a plan to resource and recall equipment and supplies to manage a subregional surge of 500 patients.

INCIDENT COMMAND FOR ALL HAZARDS INCIDENTS

The Maryland-National Capital Region emergency response partners will establish and utilize the incident command system to coordinate response operations for all-hazards events.

- Incident command will be established immediately upon arrival by all disciplines to all-hazards events to provide control of the event, resources, and personnel.
- Disciplines will operate jointly through Unified Command at all events where more than one discipline is functioning.
- Incident commanders will be provided with resources and tools to operate at multi-operational period events.

INFORMATION SHARING AND SITUATIONAL AWARENESS

The Maryland-National Capital Region emergency response partners will gather and share information at all times to maintain situational awareness.

- Information exchange will be accessible to all response agencies to allow for transition of patient care, reunification, and investigations following an emergency.
- Criteria will be developed, and responsibility assigned, for analysis and dissemination of information, intelligence, and warning to response agencies and the public, consistent with the National Capital Region standards.
- Information technology tools, systems, and data repositories will consider use cases across all jurisdictions and disciplines to allow for prompt and comprehensive data exchange.



SPECIAL EVENTS RESPONSE

The Maryland-National Capital Region emergency response partners can address the unique response demands of special events and mass gatherings.

- Each county will have a policy that defines the authority, type of event, and requirements for safe, efficient management of all hazard resources at all special events that impact the broader community.
- Public safety will be outfitted with tools and equipment to protect attendees of special events, including barriers and mobile assets.
- Special events will be centrally organized by a single lead agency to provide global awareness and comprehensive response planning.

SEVERE WEATHER RESPONSE

The Maryland-National Capital Region emergency response partners can respond to large-scale severe weather events.

- Each county will be able to conduct an initial damage assessment, collect data at a single centralized repository, analyze the findings, and distribute resources to meet the demand.
- Each county will be able to deploy unmanned aerial assets that provide situational awareness to on-scene responders and remote decision makers.
- Response partners can activate, and integrate with, state, federal, and other resources deployed in response to the event.

DEVELOPMENT OF THE EMERGENCY RESPONSE SYSTEM COMMUNITY

The Maryland-National Capital Region Emergency Response System will be a resource for the emergency response community for interjurisdictional, interdisciplinary coordination and capability development.

- Staff will be provided to meet the mission, strategy, and objectives of the Emergency Response System.
- Emergency response capability building will be supported by a comprehensive training and exercise program that provides educational and training opportunities to advance vocational and leadership skills.
- Leadership will allocate 5% of the annual budget to facilitate innovative solutions to emerging homeland security challenges.



CAPABILITY DEVELOPMENT

Initially defined by the Federal Emergency Management Agency (FEMA) within the Comprehensive Preparedness Guide (CPG) 201, planning, organizing, equipping, training, and exercising (POETE) are the five areas in which entities develop their emergency preparedness and response capabilities. MDERS uses a modified POETEE process for developing response capabilities within the Maryland-National Capital Region, which includes a sixth category: evaluating. The evaluation phase in the capability development process establishes a cycle in which the process begins again informed by the identified strengths and weaknesses. A detailed description of each element of the POETEE process is outlined in **Figure 5** below.

Figure 5: POETEE Process



Planning is the development of policies, plans, procedures, mutual aid agreements, strategies, and other publications that comply with relevant laws, regulations, and guidance necessary to perform assigned missions and tasks.



Organizing is the development of individual teams, an overall organizational structure, and leadership at each level in the structure that comply with relevant laws, regulations, and guidance necessary to perform assigned tasks. Organization includes paid and volunteer staff who meet the qualification and certification standards necessary to perform their duties.



Equipping is the acquisition, deployment, maintenance, and tracking of equipment, supplies, and systems that comply with relevant standards necessary to support missions and tasks.



Training is the development and delivery of various forms of instruction to ensure personnel are competent and capable of performing their assigned duties.



Exercising is the use of instruments such as tabletop discussions, functional drills, games, and full-scale multi-agency events that provide an opportunity to demonstrate, evaluate, and improve the ability to perform tasks to standards necessary to achieve successful capability outcomes.



Evaluating is the development and use of metrics to assess skill proficiency in practice, as well as determine field usage and success rates. Information used for evaluation is gathered from both exercises and real-world events.



MDERS: A SYSTEM OF SYSTEMS

The partnership between MDERS and its stakeholders and adherence to the POETEE model results in a perpetual cycle to create and expand emergency response capabilities within the Maryland-NCR.

Figure 6: A System of Systems





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FISCAL YEAR 2020 PROJECT SUMMARIES





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FISCAL YEAR 2020 CAPABILITY DEVELOPMENT

The capabilities described in this report were developed using the goals and objectives outlined in the FY 2020-2022 MDERS Strategic Plan. MDERS collaborated with regional partners under the direction of the Steering Committee and identified specific priority capabilities requiring further development in order to meet target outcomes.

This report contains summaries of capability development through MDERS for FY20. These capabilities are identified in **Figure 7** below.

Figure 7: FY20 Capabilities





TRAINING AND EXERCISE PROGRAM

\$640,000.00
invested

to support training and
exercise programs

Engaged 744
stakeholders

through training and exercise
activities

Supported 40
opportunities

for emergency response
personnel through the
development of training
initiatives

OVERVIEW

The MDERS Training and Exercise Program offers numerous opportunities for stakeholders to develop and build capabilities through in-person, virtual, and hybrid engagement. The Training and Exercise Program coordinates the identification, scheduling, and provision of highly specialized tactical trainings, policy-level and leadership theory courses, professional association conferences and more. Additionally, MDERS works with partner organizations to conduct exercises that examine current performance against targeted capability levels, thereby identifying gaps. That information frames the next set of requirements to address needed policy, resources, and training for further capability enhancement.

BUDGET

Qty.	Description	Cost
47	Supported Trainings	\$473,683.31
3	Supported Exercises	\$4,525.00
10	Ad Hoc Training Requests	\$87,761.56
5	Training and Exercise Consumables	\$61,563.46
1	Management and Administration	\$12,466.67
Total		\$640,000.00



FROT Training



2022 MDERS Annual Symposium



TRAINING AND EXERCISE PROGRAM

CAPABILITY SUMMARY

The training opportunities supported in FY20 are summarized in the table below.

Table 1: FY20 Supported Training Activities

FY20 Supported Training Activities					
Advanced Law Enforcement Rapid Response Training					
Discipline(s):	EM	Agency(ies):	Hospitals	Participant(s):	22
	Fire/Rescue/EMS		MCPD		
	Hospitals		MSP		
	LE		PGFD		
	PH		PGPD		
Description:	This conference focuses on integrated response topics for law enforcement, fire/rescue/EMS personnel, medical providers, and emergency management professionals that may be involved in active threat response operations.				
Advanced Strategic Public Order Command					
Discipline(s):	LE	Agency(ies):	MCPD	Participant(s):	10
			PGPD		
Description:	This course instructs students on a variety of critical concepts necessary for effective public order command and control, including the role of law enforcement during protests or disorder, command structures, strategy, tactical planning and decision making, and overarching responsibilities.				
Anatomy Gift Registry Lab					
Discipline(s):	Fire/Rescue/EMS	Agency(ies):	MCPD	Participant(s):	19
	LE		MDERS		
			MIEMSS		
			PGFD		
			PGPD		
Description:	This training teaches emergency medical technicians and paramedics the necessary knowledge, skills, and abilities outlined in the Maryland Medical Protocol and allows students to apply those skills in real-time.				



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FY20 Supported Training Activities					
Assessment and Training Solutions Consulting Corporation (ATSCC) Tactical Emergency Casualty Care (TECC) Live Tissue Class					
Discipline(s):	Fire/Rescue/EMS LE	Agency(ies):	MCPD PGFD PGPD	Participant(s):	21
Description:	This class instructs tactical law enforcement personnel and other special operations responders with a practical procedures and skills laboratory, as well as a simulated mass casualty incident exercise scenario to practice self-aid and buddy-aid in a high-threat environment.				
Direct Action Resource Center (DARC) Advanced Sniper Integration Course					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	3
Description:	This course instructs sniper and observer teams on the skills and tactics necessary to provide support for tactical operations in complex environments or large venues under a variety of conditions, ranges, visibility, and target types.				
DARC Law Enforcement Counter Terrorism Course - Level 1					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	1
Description:	This course provides law enforcement officers with the knowledge of tactical leadership, terrain analysis, and planning methodologies to combat a coordinated, multi-cell attack within their jurisdiction.				
DARC Law Enforcement Counter Terrorism Course - Level 2					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	3
Description:	This course expands upon the Level 1 training through the use of live-fire training, explosive and ballistic breaching, and sniper/observer support to help law enforcement officers combat complex, multi-cell attack within their jurisdiction.				
DARC Close Quarters Battle (CQB)/Tactical Emergency Casualty Care (TECC)					
Discipline(s):	Fire/Rescue/EMS LE	Agency(ies):	PGFD PGPD	Participant(s):	10
Description:	This course integrates emergency medicine, tactical emergency casualty care, explosive and ballistic breaching, live-fire training, and force-on-force training across a variety of high threat scenarios including active shooters, high risk warrants, barricades, hostage rescue, and complex coordinated terrorist attacks.				
DARC Night Vision Instructor Course					
Discipline(s):	LE	Agency(ies)	PGPD	Participant(s)	11
Description:	This train-the-trainer course instructs law enforcement training officers on the deployment, integration, limitations, and considerations of night vision technology to bring back to their local departments and create in-house training programs for other law enforcement personnel.				



FY20 Supported Training Activities					
DeconTect Train-the-Trainer Decontamination Training					
Discipline(s):	Fire/Rescue/EMS	Agency(ies):	MCFRS	Participant(s):	19
	LE		MCPD		
			PGFD		
			PGPD		
Description:	This train-the-trainer course provides training officers for public safety agencies with the knowledge, skills, and abilities to develop standard operating procedures and in-house training programs for their department for various decontamination scenarios including cold weather decon, post-fire decon, disinfection, and low-footprint decon.				
Emergency Medical Technician (EMT) Tactical Basic Course					
Discipline(s):	LE	Agency(ies):	MCPD	Participant(s):	1
Description:	This course encompasses a nationally standardized curriculum and certification for EMTs, paramedics, and physicians that operate as part of a law enforcement special response team.				
Federal Aviation Administration (FAA) Unmanned Aerial Systems (UAS) Symposium					
Discipline(s):	EM	Agency(ies):	MCFRS	Participant(s):	11
	Fire/Rescue/EMS		MCPD		
	LE		OEMHS		
			OHS/EM		
			PGFD		
			PGPD		
Description:	This virtual conference offers participants the opportunity to engage across multi-disciplinary government agencies and industry experts about the regulations, ongoing research, and current initiatives pertaining to the use of UAS within the National Airspace System, including safety, remote identification, regulations, flight times, and beyond visual line of sight operations.				
Federal Bureau of Investigation (FBI) Law Enforcement Executive Development Association (LEEDA) Command Leadership Training					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	6
Description:	This training prepares law enforcement leaders for command level positions through a variety of topics including command responsibility, discipline and liability, team building, resilient leadership, and leading change within an organization.				
Fire Department Instructors Conference (FDIC) International Annual Conference					
Discipline(s):	Fire/Rescue/EMS	Agency(ies):	MCFRS	Participant(s):	10
			PGFD		
Description:	This conference provides fire/rescue professionals from around the globe with the opportunity to learn directly from instructors, in classrooms, during workshops, with hands-on training, and novel technology offerings that cover a breadth of topics across the fire/rescue industry.				



FY 2020 Annual Report

FY20 Supported Training Activities					
FireStats					
Discipline(s):	Fire/Rescue/EMS	Agency(ies):	MCFRS PGFD	Participant(s):	6
Description:	This class provides students with an enhanced understanding of statistics and decision sciences as they pertain to the fire/rescue/EMS industry, specifically in deployment analysis, data presentation, and resource funding.				
First Receiver Operations Training (FROT)					
Discipline(s):	Hospitals	Agency(ies):	Hospitals	Participant(s):	90
Description:	This course educates first responders and first receivers on the lifesaving skills necessary to identify, triage, treat, and decontaminate victims exposed to chemical, biological radiological, nuclear, or other hazardous materials in compliance with Centers for Disease Control and Prevention (CDC) and Occupational Safety and Health Administration (OSHA) guidelines.				
Gracie Survival Tactics Level I Course					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	3
Description:	This course teaches students 23 standing and ground-based defensive techniques that address the most common situations which may threaten law enforcement officers.				
High Angle Sniper Course					
Discipline(s):	LE	Agency(ies):	MCPD	Participant(s):	9
Description:	This course provides law enforcement officers with the knowledge, skills, and abilities to conduct sniper missions and precision shooting from elevated surfaces in both urban and rural environments.				
High Performance Leadership Training Academy					
Discipline(s):	EM Fire/Rescue/EMS LE PH	Agency(ies):	Hospitals MCPD OEMHS PGFD PGPD	Participant(s):	15
Description:	This course provides public sector leaders and decision-makers with an interactive online learning platform, which combines real-time webinars, recorded sessions, and interactive small group discussions, to enhance students' abilities to conduct five key skills: leading, organizing, collaborating, communicating, and delivering.				
International Association of Emergency Managers (IAEM) Annual Conference					
Discipline(s):	EM	Agency(ies)	OEMHS	Participant(s)	11
Description:	This conference engages emergency management professionals across all levels of government and private sector organizations on contemporary topics across the emergency management enterprise.				



FY20 Supported Training Activities					
Louisiana State University (LSU) Homeland Security Specialist MicroCert					
Discipline(s):	EM Fire/Rescue/EMS LE PH	Agency(ies):	Hospitals MDERS OEMHS PGFD PGPD	Participant(s):	9
Description:	This program encompasses a variety of topics within the homeland security enterprise, including collaboration between homeland security and law enforcement in a post 9/11 environment, the tradecraft of modern terrorism, intelligence, multi-agency partnerships, and public-private partnerships.				
Massachusetts Institute of Technology (MIT) Crisis Management and Business Resiliency Course					
Discipline(s):	EM	Agency(ies):	OEMHS OHS/EM	Participant(s):	3
Description:	This course provides emergency management professionals with a combination of lecture-based learning, case studies, and interactive activities to examine modern crisis management response, including the COVID-19 pandemic.				
Master Tactical Breacher Course					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	3
Description:	This course provides law enforcement officers with a comprehensive understanding of breaching techniques and their application across multiple environments, including explosive, manual, mechanical, ballistic, thermal, and hydraulic breaching methodologies.				
MDERS Annual Symposium					
Discipline(s):	EM Fire/Rescue/EMS Hospitals LE PH	Agency(ies):	MCDHHS MCFRS MCPD MDERS OEMHS OHS/EM PGCHD PGFD PGPD	Participant(s):	152
Description:	This virtual symposium fosters creativity and innovation to address the numerous complexities faced by emergency response organizations and the homeland security enterprise, including climate change and its impact on critical infrastructure, pandemic response, cyber threats to public safety, rising violent extremism, and other ongoing threats.				



FY 2020 Annual Report

FY20 Supported Training Activities					
MDERS Cybersecurity Workshop					
Discipline(s):	EM Fire/Rescue/EMS Hospitals LE Public Health	Agency(ies):	Hospitals MCDHHS MCPD MDERS OEMHS OHS/EM	Participant(s):	31
Description:	This workshop provides participants with an understanding of how their organization can better prepare for and respond to a cyber incident. The course combines both an instruction on key cybersecurity concepts and allows participants to directly apply those concepts in an interactive setting.				
National Association of County and City Health Officials (NACCHO) Preparedness Summit					
Discipline(s):	PH	Agency(ies):	MCDHHS PGCHD	Participant(s):	3
Description:	This summit engages public health officials on a variety of topics including leadership and workforce, strategic partnerships, flexible and sustainable funding, data analysis, and foundational infrastructure.				
National Association of Emergency Medical Services Physicians (NAEMSP) Annual Meeting					
Discipline(s):	Fire/Rescue/EMS	Agency(ies):	MCFRS PGFD	Participant(s):	3
Description:	This conference provides EMS medical directors with the opportunity to learn from medical experts in specialized fields and enhance their knowledge in scientific and technological advancements in the EMS field.				
National Homeland Security Association (NHSA) National Homeland Security Conference (NHSC)					
Discipline(s):	EM Fire/Rescue/EMS Hospitals LE	Agency(ies):	Hospitals MCFRS MCPD OEMHS OHS/EM PGFD PGPD	Participant(s):	3
Description:	This conference helps personnel from various emergency disciplines to identify emerging homeland security threats and shares new technologies to enhance operational response efforts.				



FY20 Supported Training Activities					
National Preparedness Leadership Initiative (NPLI) Virtual Seminar Series: Transformational Connectivity					
Discipline(s):	EM Fire/Rescue/EMS Hospitals LE PH	Agency(ies):	Hospitals MCDHHS MCFRS MCPD OEMHS OHS/EM PGCHD PGFD PGPD	Participant(s):	45
Description:	This seminar series brings together leaders from across the emergency response spectrum to impart the tools and techniques of Meta-Leadership to help foster a connective and high-performance work environment.				
Pinnacle Conference					
Discipline(s):	Fire/Rescue/EMS	Agency(ies):	MCFRS PGFD	Participant(s):	4
Description:	This conference engages EMS leaders to adapt to the changing environment of emergency medical services through thought-provoking lectures and smaller educational sessions.				
Resilient Virginia 2021 Conference					
Discipline(s):	LE	Agency(ies):	OHS/EM	Participant(s):	3
Description:	This conference delivers the tools, informational resources, and relationship building opportunities for attendees to build resiliency in their communities, help address climate change, and overcome social challenges throughout the process.				
Rigging Lab Academy					
Discipline(s):	Fire/Rescue/EMS	Agency(ies):	MCFRS PGFD	Participant(s):	N/A
Description:	This online course provides fire/rescue personnel with detailed instruction on objectives, strategies, and techniques used to enhance technical rescue, search and rescue, and other rope rescue programs.				
Shooting, Hunting, Outdoor Trade (SHOT) Show					
Discipline(s):	LE	Agency(ies)	MCPD	Participant(s)	2
Description:	This conference provides attendees with an opportunity to learn from, observe demonstrations, and evaluate evolving technology from military, law enforcement, and other tactical vendors.				



FY 2020 Annual Report

FY20 Supported Training Activities					
Sniper Team Leader Course					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	8
Description:	This course supports sniper team leaders by reviewing and adjusting the team’s current program and training requirements, ensuring proper documentation of training and operations, evaluating the team’s current supply inventory, and preparing each team for numerous response deployments.				
Special Operations Medical Association (SOMA) Scientific Assembly Conference					
Discipline(s):	Fire/Rescue/EMS LE	Agency(ies):	MCPD PGFD PGPD	Participant(s):	13
Description:	This conference enhances the medical capabilities of special operation medical providers through lectures and educational opportunities provided by medical professionals and civilian partners.				
Special Weapons and Tactics (SWAT) Command Decision-Making and Level 1 Course					
Discipline(s):	LE	Agency(ies):	MCPD	Participant(s):	1
Description:	This conference provides SWAT team leaders with the necessary skills to effectively confront a multitude of different emergencies and prepare for every phase of the response including planning, negotiations, operational maneuvers, media engagement, and debriefs.				
Tomahawk Fundamentals of Close Quarters Combat					
Discipline(s):	LE	Agency(ies):	MCPD	Participant(s):	1
Description:	This conference provides law enforcement personnel with the best practices, techniques, and procedures for close quarter operations through simulated exercises and classroom education.				

Exercises

The exercise opportunities supported in FY20 are summarized in the table below.

Table 2: FY20 Supported Exercises

FY20 Supported Exercises					
Montgomery County Police Department Tabletop-In-A-Box					
Discipline(s):	LE	Agency(ies):	MCPD	Participant(s):	58
Description:	The goal of this exercise was to assess and increase MCPD executive staff's ability to manage the first 30-60 minutes of a major incident, including phases one and two of their response process, while reinforcing participants' knowledge and understanding of MCPD directives, policies, and procedures.				



FY20 Supported Exercises					
Prince George's County Police Department Full-Scale Exercise					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	98
Description:	The goal of this exercise was to assess Prince George's County Police Supervisors and Command Staff's ability to establish and maintain command and control and analyze the transfer of command from patrol to special operations in response to an active shooter/ barricade incident. The exercise also assessed Prince George's County Police Tactical Emergency Medical Services (TEMS) personnel's ability to provide point of injury, patient care, and extrication of patients.				
Prince George's County Police Department Tabletop-In-A-Box					
Discipline(s):	LE	Agency(ies):	PGPD	Participant(s):	23
Description:	The goal of this exercise was to assess Prince George's County Police Supervisors and Command Staff's ability to establish and maintain command and control and analyze the transfer of command from patrol to special operations in response to an active shooter/ barricade incident.				



PGPD Full-Scale Exercise



BALLISTIC PROTECTION FOR FIRE, RESCUE, AND EMS

\$445,250.00

invested

to support the procurement of ballistic protection materials

Equipped 305 personnel

with ballistic body armor to protect fire/rescue/EMS when operating in warm and hot zone environments

Integrated

medical supplies into the ballistic protection equipment to provide initial on-scene medical treatment

OVERVIEW

During an active violence incident, Emergency Medical Service (EMS) providers are often faced with the decision of whether to wait for victims to be extracted from the warm and hot zones, or to enter and provide warm zone treatment. To better protect fire/rescue/EMS personnel that may deploy to provide treatment inside a warm or hot zone, MDERS procured a variety of ballistic protection equipment for EMS providers. The acquired ballistic protection allows fire/rescue/EMS personnel to deploy inside warm zones to treat and extract potentially critical patients, while protecting providers from injury. Medical supplies can be attached to the body armor for easy access to needed medical equipment.

BUDGET

Qty.	Description	Cost
305	Ballistic Body Armor	\$167,906.93
305	Ballistic Vest Plate Carrier	\$189,100.00
305	Litter Complete Kit	\$30,876.94
305	Flashlights	\$33,365.70
305	Medical Supplies Attachments to Vests	\$18,889.43
305	Ballistic Eye/Face Protection	\$5,111.00
Total		\$445,250.00

AGENCIES



BALLISTIC PROTECTION FOR FIRE, RESCUE, AND EMS

CAPABILITY SUMMARY

Fire/rescue/EMS providers must be able to administer medical care to victims in potentially hazardous environments with ongoing law enforcement operations. Historically, fire/rescue/EMS personnel refrain from entering warm and hot zone environments during active violence incidents. The transition from a hot zone to a warm zone permits some intervention of non-law enforcement emergency personnel, however life-safety threats to responders persist in these areas.

To protect fire/rescue/EMS personnel entering warm and hot zones, MDERS procured ballistic protection equipment that minimizes the dangers from firearm related injuries and other penetrating trauma. The ballistic armor covers an individual's torso to protect all vital organs and fits into provided plate carriers for a wearable product for fire/rescue/EMS personnel. The carrier is also adorned with reflective material to help identify personnel in low light environments and has a large patch on the back to clearly identify them as fire/rescue/EMS personnel. Additionally, ballistic and non-ballistic eyeglasses were obtained to protect responding personnel from injuries that would impact their vision. The specialized glasses fit like a normal pair but add enhanced protection and a clear

sight line to allow personnel to fulfill their mission.

To enable an effective response with this additional gear, PGFD obtained essential supplies that attach to the plate carriers for quick access. These items include trauma shears, tactical emergency casualty care supplies, and triage tape that are easily accessible for rapid deployment. During a large-scale mass casualty incident, it is vitally important to have emergency personnel equipped with the necessary medical supplies for initial care.

Beyond these accessories, additional items were acquired to support the efforts of fire/rescue/EMS personnel in austere environments. Durable flashlights were issued to emergency personnel to help navigate in low or no light conditions. They also have a strobe setting that can be used for communication purposes, such as to signal a distress call.

The delivery of the ballistic armor, plate carriers, protective eyeglasses, and flashlights will help fire/rescue/EMS personnel to safely conduct their duties in areas with a looming threat of violence.



Front of Ballistic Body Armor



Back of Ballistic Body Armor



Medical Supplies Attachment



INCIDENT COMMAND TOOLS

\$57,222.00

invested

to support command competency labs, training programs, and other resources

Procured eight laptops

for fire/rescue/EMS to enhance the development of virtual simulation training scenarios

Printed 174

command guides to aid command-level officers to respond to a variety of emergency incidents effectively

OVERVIEW

The Incident Command Tools capability seeks to strengthen the ability of incident commanders from all disciplines to respond to and manage a wide variety of emergencies. Through this capability, the police and fire departments of both Montgomery and Prince George's County work to enhance their training programs and provide valuable resources to command-level officers. A combination of technologically advanced training environments, immersive simulations that mirror real-world operations, and development and distribution of reference materials and job aids provide would-be incident commanders with the knowledge, skills, and abilities necessary to succeed.

BUDGET

Qty.	Description	Cost
2	Video Camera Bundles	\$16,899.00
1	KVM Switch	\$5,584.00
4	Laptops & Hardware	\$8,925.78
5	Portable Monitors	\$1,135.00
174	Command Guides	\$24,678.22
Total		\$57,222.00

AGENCIES



INCIDENT COMMAND TOOLS

CAPABILITY SUMMARY

In FY20, MCFRS renovated and modernized its command competency lab using their own funding efforts. This in-house training environment provides MCFRS command-level officers with an immersive environment in which to develop, refine, and assess overall competency. MCFRS installed two video cameras inside the command vehicle utilized during training scenarios to provide evaluators with a real-time audio-visual feed of the responding officers. The addition of these cameras allows evaluators to observe the real-time conversations between officers in the vehicle to better understand their thought process and workflow. The additional procurement and installation of a keyboard, video, mouse (KVM) switch provided MCFRS with a more streamlined hardware configuration through the synchronization of multiple computers that can be operated from a single device.

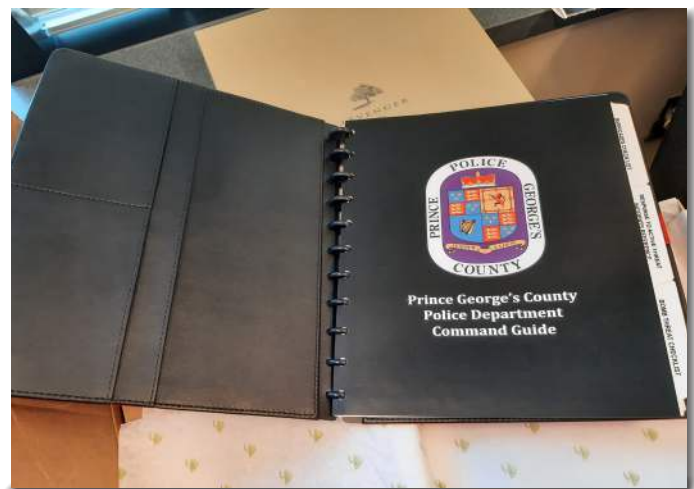
PGFD continued to expand the utility and capability of its command-level officer training program throughout FY20. The procurement of eight laptop computers supported the department's ability to develop and execute various simulations and

scenarios through a projector and onto a screen for officers participating from within their vehicle. Command charts and books provided to officers offer a readily accessible source of reference material to inform their response to the simulations.

To provide its command-level officers with the tools and resources to effectively respond to a variety of response environments, PGPD developed and published their Command Guide. This Command Guide, distributed to officers throughout the department, provides a series of job aids, checklists, and worksheets for high-threat, high-impact events including barricaded suspects, active threat incidents, bomb threats, kidnappings, amber alerts, civil demonstrations, wounded officers, and rescue task forces.



Command Competency Lab



Command Guides



EMERGENCY MANAGEMENT SUPPORT MONTGOMERY COUNTY

\$321,203.52

invested

to provide professional staffing services to execute a variety of operations against major threats

Engaged 140

partners

to participate in one discussion- and one operations-based exercise

**Supported
two full-scale
exercises**

providing 140 individuals the opportunity to identify gaps in joint response operations and evaluate interoperability

OVERVIEW

The Montgomery County Office of Emergency Management and Homeland Security (OEMHS) maintains a mission of planning, coordinating, preventing, preparing for, and protecting against major threats that may harm, disrupt, or destroy communities, commerce, and institutions. OEMHS maintains a robust staff of planners, training and exercise officers, and volunteer and donations management coordinators to execute this mission. These individuals, among others, are responsible for overseeing the implementation of emergency preparedness, response, and recovery activities throughout the county. To support OEMHS, MDERS provides staff augmentation and professional services to execute the planning, training and exercise, and volunteer and donations management programs.

BUDGET

Qty.	Description	Cost
1	Planning, Training, and Exercise Support	\$184,581.19
1	Volunteer and Donation Management	\$136,622.33
Total		\$321,203.52

AGENCIES





EMERGENCY MANAGEMENT SUPPORT MONTGOMERY COUNTY

CAPABILITY SUMMARY

During its recent Emergency Management Accreditation Program (EMAP) review process, OEMHS identified the need to update the County's Continuity of Government Plan. OEMHS, through the support provided by MDERS, engaged a team of contractors to lead the updating of the Continuity of Government Plan and is currently working with County leadership to review and validate the plan. In addition to the review of emergency response plans, a Planner supported the administration of the UASI grant, including conducting equipment inventory, developing and distributing award letters, and completing other administrative paperwork.

In FY20, through the support provided by MDERS, OEMHS planned and conducted two exercises. The Fall 2021 Forest Glen Train Derailment Exercise, conducted in coordination with Fort Detrick, provided over 60 participants from MCPD, MCFRS, OEMHS, and the Department of Defense (DOD) an opportunity to identify gaps in joint operations and evaluate current interoperability. The train derailment exercise at Forest Glen maintained a joint response operation to concentrate on cooperation and engagement. In

Spring 2022, OEMHS conducted a full-scale exercise (FSE) on the activation and operation of its Emergency Operations Center (EOC). This FSE engaged 80 individuals in a simulated response to heavy rains, localized flooding, and response to a potentially compromised dam.

Over the course of FY20, OEMHS's volunteer and donations management program activated the Community Organizations Active in Disaster (COAD) to respond to three real-world incidents as well as the continued COVID-19 pandemic response. This program supported Montgomery County's response to the Flower Branch apartment fire, Friendly Gardens apartment explosion, and Twinbrook flooding. Throughout the COVID-19 pandemic, this program coordinated with food providers and other support services entities to distribute food, test kits, masks, and other supplies to populations in need. Additionally, the OEMHS volunteer and donations management program regularly engages with the COADs to better determine and prepare for how community members can actively engage in disaster preparedness.



Montgomery County Emergency Operations Center



EMERGENCY MANAGEMENT SUPPORT PRINCE GEORGE'S COUNTY

\$367,428.98
invested

to provide professional staffing services to support and execute a variety of emergency operations

Created 8-10

outreach events per month to educate, inform, and serve community members with emergency services

Recruited four staff members

to support vaccination planning during the COVID-19 pandemic response

OVERVIEW

The Prince George's County Office of Homeland Security and Emergency Management (OHS/EM) aim to save lives, protect property, and assist the public in their time of need. To support this effort, OHS ensures the safety of first responders through a comprehensive and integrated emergency management system, combined with professional call taking, dispatch, technical and support services. OHS/EM maintains staff to perform roles in planning, training, and exercise, volunteer and donation management to achieve its mission. These staff members focus on ensuring that professional responsiveness, preparation, and recovery operations is provided at the county level.

BUDGET

Qty.	Description	Cost
1	Response and Recovery Planning	\$100,000.00
1	Response and Recovery Training	\$100,000.00
1	Volunteer and Donations Management	\$167,428.98
Total		\$367,428.98

AGENCIES





EMERGENCY MANAGEMENT SUPPORT PRINCE GEORGE'S COUNTY

CAPABILITY SUMMARY

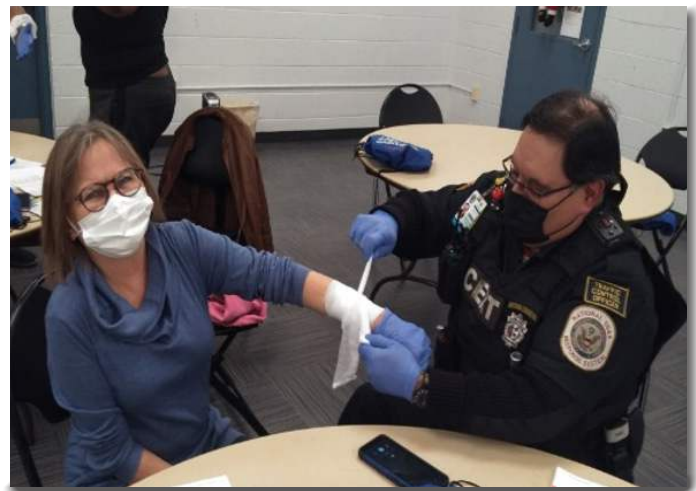
To confront the ongoing threats to public safety, OHS/EM expanded its operations in Prince George's County by incorporating a Training and Exercise Officer, Planner, and Volunteer and Donation Management Coordinator to provide knowledge, preparedness, and recovery services. More specifically, these roles are designed to improve the performances of first responders and emergency preparedness to enhance response operations.

Throughout FY20, OHS/EM personnel have effectively executed training, exercise, and planning activities to prepare for all emergencies and hazards. With the support of MDERS, OHS/EM continues to extend a variety of resources used to uplift community members away from instability. This support included creating 8-10 outreach events per month to educate and inform community members about available emergency services.

At the height of the COVID-19 pandemic, OHS/EM initiated the coordination of surge and vaccination planning in conjunction with Prince George's County Health Department (PGCHD). This effort provided support in planning, virus testing, and vaccine administration. Moving forward, seminars were held to provide a briefing on the COVID-19 response after-action report (AAR) to identify best practices for future public health response.



Community Engagement



Medical Training



EMERGING HOMELAND SECURITY TECHNOLOGY PILOT

\$144,484.70

invested

for innovative solutions to
emerging threats

Procured

advanced training equipment
for regional fire departments

Enhanced

situational awareness for
hospitals and police by
integrating new technology
platforms

OVERVIEW

The Maryland-National Capital Region Emergency Response System (MDERS) Emerging Homeland Security Technology Pilot, also known as the Innovation Fund, provides funding to evaluate innovative solutions to emerging homeland security challenges. The 2020-2022 MDERS Strategic Plan allocates 5% of the annual budget to support procurement of novel software, equipment, supplies, or other tangible materials. Each item obtained through the Innovation Fund is evaluated to determine if the goal(s) and outcome(s) of the short-run pilot are achieved. Successful pilots will inform future regional and sub-regional projects.

BUDGET

Qty.	Description	Cost
1	ATS Virtual Reality	\$20,000.00
2	Leader Search Bluetooth	\$40,000.00
1	MyEOP Application	\$3,500.00
1	PerSim	\$19,997.37
1	SA Camera for Armored Vehicle	\$19,947.11
1	Smartboard	\$23,670.22
14	Training Mannikins	\$17,370.00
Total		\$144,484.70

AGENCIES



EMERGING HOMELAND SECURITY TECHNOLOGY PILOT

CAPABILITY SUMMARY

In FY20, the Emerging Homeland Security Technology Pilot Capability supported seven experimental projects to address evolving threats with new technology and equipment. The procured items are detailed below.

- MCFRS acquired the Augmented Training Systems (ATS) virtual reality platform to train for mass casualty triage. The system allows responders to experience and train for a large flow of patients suffering from a diverse set of injuries.
- Regional hospitals integrated MyEOP technology into staff's mobile devices. This mobile application centralizes a facility's emergency plans and documents into a singular, easily accessible virtual location. Users can also access a preprogrammed contact list and communicate if cellular service is compromised.
- MCFRS and PGFD obtained the needed equipment to host PerSim virtual medical training. Participants wear a headset that produces a 3-D holographic patient that is overlaid on a training manikin. Instructors can simulate various medical emergencies to enhance training opportunities for responders.
- MCPD acquired a vehicle-mounted camera that can stream real-time footage of an incident scene back to the incident command post. The integration of this system will enhance situational awareness for MCPD to adapt to evolving variables during incident response.
- MCFRS and PGFD received Leader Search Bluetooth listening sensors to enable structural collapse teams to listen for trapped victims during a response. These systems can incorporate additional corded sensors to increase a search area.
- MCFRS incorporated an interactive Smartboard into their main operations center. The device allows supervisors to utilize multiple platforms to monitor resource deployment and increase on-scene situational awareness.
- Two life-size manikins were purchased for MCFRS. The size and weight of the manikins help replicate an actual person during training events.



PerSim Training



MASS CASUALTY INCIDENT SUPPLIES TRANSPORT TRUCK

\$90,328.24

invested

to support the transportation
of critical medical supplies

**Prepared to treat
500 patients**

through facilitating access to
medical resources in response
to all-hazard events

Increased

the preparedness of regional
hospitals for a mass casualty
incident

OVERVIEW

MDERS, in coordination with major hospitals in both Montgomery and Prince George's Counties, established a goal to treat up to 500 patients of a mass casualty incident. In order to achieve this goal, the Maryland Region V Emergency Preparedness Coalition have procured a variety of medical equipment needed to treat common injury patterns associated with active threat events and severe trauma. While some of these supplies are stored in each hospital, the bulk of the mass casualty incident cache is stored in a centralized Region V warehouse. To support the Region V healthcare agencies, MDERS procured a box truck to serve as a mass casualty incident (MCI) cache deployment vehicle. With the use of this vehicle, Region V healthcare partners can quickly retrieve critical medical supplies from the Region V Cache and transport to facilities experiencing an acute surge.

BUDGET

Qty.	Description	Cost
1	Ford F-650 Super Duty Box Truck	\$90,328.24
Total		\$90,328.24

AGENCIES



A Member of Trinity Health

MASS CASUALTY INCIDENT SUPPLIES TRANSPORT TRUCK

CAPABILITY SUMMARY

To support hospitals throughout the Maryland-National Capital Region, healthcare organizations have developed a Region V Emergency Preparedness Coalition Cache that serves as a centralized repository of critical medical supplies, consumables, personal protective equipment, and other items. This cache is intended to augment hospital inventories during acute surge events that may result from a mass casualty incident or active violence event.

In order to facilitate access to these supplies during a surge, MDERS funded the procurement of a mass casualty incident support vehicle for the healthcare agencies. This Ford F-650 Super Duty Box Truck serves as the primary mode of deployment for medical supplies from the Region V Cache to hospitals throughout Montgomery and Prince George's Counties.

The vehicle is currently owned, operated, and

maintained by Holy Cross Health, but is accessible upon request by other Region V Emergency Preparedness Coalition members. The Coalition continues to work on the development of a formal memorandum of understanding that would allow Region V healthcare agencies in Maryland to rent the vehicle out on request. The Maryland Region V Emergency Preparedness Coalition continues to work on a more formalized deployment standard operating procedure for the cache, including containment, request processes, and the provision of a logistician to manage the program.

Ultimately, the Region V Cache will include readily deployable resources for all hazards events, including CBRNE exposures, mass casualty incidents, or other large-scale surge events. Within the cache, resources are stored in such a manner that they can quickly be loaded onto the mass casualty incident support vehicle and deployed to the needed location upon request.



MCI Truck



MEDICAL RESOURCE OFFICER MONTGOMERY COUNTY

\$88,812.69

invested

to support the administration and coordination of the Montgomery County's Medical Reserve Corp (MRC)

**2,781 individual
volunteer
deployments**

assisted public health staff in lowering COVID-19 and Mpox infections

**18,320 volunteer
hours**

contributed to outreach, on-site clinical support, and medical response

OVERVIEW

The Medical Resource Officer (MRO) in Montgomery County oversees the administration and coordination of the Montgomery County's Medical Reserve Corp (MRC) to respond to public health events. The MRC is a national framework of volunteers focused on improving the health and safety of the local jurisdictions in which they are organized. The Montgomery County MRC volunteers, under the direction of the MRO, work to strengthen public health, improve emergency response capabilities, and build resiliency within the community. The MRO is responsible for the oversight, recruitment, training, exercising, and deployment of the MRC, as well as the development of emergency plans and protocols to better prepare MRC members. In FY20, MRC volunteers participated in 2,781 individual volunteer deployments to carry out a variety of emergency health and medical response operations.

BUDGET

Qty.	Description	Cost
1	Medical Resource Officer Salary	\$88,812.69
Total		\$88,812.69

AGENCIES





MEDICAL RESOURCE OFFICER MONTGOMERY COUNTY

CAPABILITY SUMMARY

Volunteers of the MRC provide logistical, medical expertise, and other critical functions to support response efforts to public health crises and other emergency situations. During FY20, the MRO and members of the MRC integrated with health and medical officials to aid in COVID-19 testing, vaccination, and administrative duties. During the peak of the Omicron wave, volunteers supported the dispersal of COVID-19 rapid test kits and KN95 face masks to community members. Beyond COVID-19 efforts, volunteers proactively responded to the spread of Mpox (monkeypox) by assisting public health staff in managing the flow of patients at vaccination clinics. The MRO dispatched MRC volunteers to a large explosion at an apartment complex to aid immediate medical efforts but to also ensure individuals displaced by the event had continued access to needed medicines or other medical equipment. The scope of the MRC's response efforts helps minimize the harm and impact during emergencies.

Members of the MRC participated in a variety of community engagement activities to inform people about public health initiatives and provide basic healthcare measures. Volunteers conducted vaccine

outreach through neighborhood canvassing efforts and other public events to address any questions or concerns about the safety and efficacy of vaccines. The MRO coordinated the MRC's involvement at the Montgomery County Back to School Vaccination Clinic to support logistical tasks and administer required vaccines for students. The MRC joined local partners in the Halloween themed Covid-19 booster event, Boo!sterama, to provide free booster shots to children. These volunteer deployments highlight the diverse capabilities of the MRO and MRC to strengthen public health efforts.

Planning and executing MRC deployments required various trainings to ensure an effective response. MRC volunteers participated in vaccine hesitancy training hosted by the Montgomery County Health and Human Services' Office of Community Partnerships to learn about the reluctance and uncertainties in populations within the county. Additional MRC volunteers took part in training sessions that discussed the medical needs of emergency shelters to prepare the MRC for activation at these facilities. These and other trainings prepared volunteers to serve in a variety of different roles to support public health efforts and other critical services.



MRC Deployment



MEDICAL RESOURCE OFFICER PRINCE GEORGE'S COUNTY

\$97,508.58

invested

to support the administration and coordination of the Prince George's County's Medical Reserve Corp (MRC)

**624 individual
volunteer
deployments**

assisted public health staff in lowering COVID-19 and Mpox infections

**4,562 volunteer
hours**

contributed to outreach, on-site clinical support, and distribution of food packages

OVERVIEW

The Medical Resource Officer (MRO) in Prince George's County oversees the administration and coordination of the Prince George's County's Medical Reserve Corp (MRC) to respond to public health events. The MRC is a national framework of volunteers focused on improving the health and safety of the local jurisdictions in which they are organized. The Prince George's County MRC volunteers, under the direction of the MRO, work to strengthen public health, improve emergency response capabilities, and build resiliency within the community. The MRO is responsible for the oversight, recruitment, training, exercising, and deployment of the MRC, as well as the development of emergency plans and protocols to better prepare MRC members. In FY20, MRC volunteers participated in 624 individual volunteer deployments to carry out a variety of emergency health and medical response operations.

BUDGET

Qty.	Description	Cost
1	Medical Resource Officer Salary	\$97,508.58
Total		\$97,508.58

AGENCIES



**HEALTH
DEPARTMENT**
Prince George's County

MEDICAL RESOURCE OFFICER PRINCE GEORGE'S COUNTY

CAPABILITY SUMMARY

Volunteers of the MRC provide logistical, medical expertise, and other critical functions to support response efforts to public health crises and other emergency situations. During FY20, the MRO and members of the MRC integrated with health and medical officials to aid in COVID-19 testing, vaccination, and administrative duties. During the peak of the Omicron wave, volunteers supported the dispersal of COVID-19 rapid test kits and KN95 face masks at multiple distribution sites across the county. Beyond COVID-19 efforts, volunteers proactively responded to the spread of Mpox by assisting public health staff in managing the flow of patients at vaccination clinics and supporting contact tracing efforts. The scope of the MRC's response efforts underscores the important role they have to minimize the harm and impact felt by community members.

The MRO continued outreach to several organizations to coordinate vaccine drives to reach underserved populations within the community. Language barriers often can impede proper dissemination of medical information and access to medical care. In partnership with several organizations, the MRO dispatched MRC volunteers to help with vaccination efforts at various events. To ensure effective public health outreach, all members of the community must be engaged and treated with the needed medical resources.

Beyond these public health initiatives, volunteers from the MRC participated in food packing and distribution to vulnerable community members. Food insecurity is a major issue that prohibits consistent access to food and proper nutrition for individuals and families. The work of the MRO and MRC helps build trust and rapport with all of those who received the donation.



MRC Deployment



PUBLIC ACCESS TRAUMA CARE

\$287,052.04

invested

to support the PATC program
in the Maryland-National
Capital Region

**Procured 842
cabinets**

to expand the PATC program
in Montgomery and Prince
George's Counties

**Provided 84
training bags**

to MCPS to help educate
and train students on PATC
medical skills

OVERVIEW

The goal of the Public Access Trauma Care program, or PATC, is to empower members of the public with the requisite knowledge, skills, abilities, and equipment to treat life-threatening injuries. The PATC program deploys readily accessible trauma care kits in specially marked cabinets to schools, government facilities, and other public areas. These kits are designed to allow civilians to treat life-threatening bleeding, penetrating trauma, hypothermia, and other life-threatening injuries prior to the arrival of medical professionals. In FY20, the PATC program expanded into additional government buildings and schools, procured additional equipment for PATC 5-pack kits, and provided Montgomery County Public Schools (MCPS) with a training cache to educate high school students on the basic PATC skills.

BUDGET

Qty.	Description	Cost
842	Cabinets	\$75,338.52
84	Training Kits for MCPS	\$200,993.52
1500	Trauma Shears	\$10,720.00
Total		\$287,052.04

AGENCIES



**PUBLIC
ACCESS
TRAUMA
CARE**

PUBLIC ACCESS TRAUMA CARE

CAPABILITY SUMMARY

On January 21, 2022, there was a firearm incident at Magruder High School in Derwood, Maryland. As a result of a firearm discharge, a student suffered a penetrating injury that resulted in a major bleeding event. School security, administrators, and the school nurse quickly responded to the event and retrieved a PATC bag from a nearby cabinet. The prompt usage of a PATC kit allowed the civilian responders to treat the injury and stop the potentially fatal blood loss. MDERS staff met with the school nurse to discuss the effectiveness of the PATC kit in an emergency situation. Included in the feedback was the input that in a frantic, chaotic medical emergency, the vacuum sealed PATC kit is difficult to open. To remedy this problem, MDERS staff quickly purchased trauma shears to be placed in PATC bags atop the individual kits. This will help users seamlessly open individual kits and expedite medical treatment to an injured person.

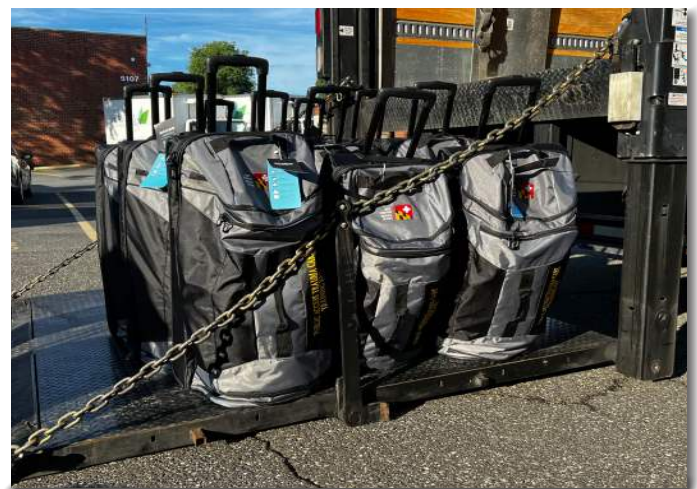
The events at Magruder High School accelerated the already rapid urgency to expand PATC training to staff and students within Montgomery County. To increase the usability and accessibility of the 774 PATC bags located in public schools in Montgomery County, MDERS collaborated with MCPS officials to incorporate

PATC related medical skills into the mandated high school health curriculum. To enhance the learning experience, MDERS procured 84 training bags for MCPS high schools. Each bag consists of 15 tourniquets, 15 elastic bandages, 15 gauze bandages, 15 2-pack chest seal trainers, 10 wound cube simulators, 3 emergency trauma dressings, cloth tape, quick litter, 2 emergency blankets, 2 shears, 2 two-pack chest seals, 2 rolls of compressed gauze, 2 pairs of medical gloves, 2 sharpie markers, 2 mini duct tape rolls, and a sealed PATC kit all contained in a durable, easily transportable bag. These supplies will help students learn and train on basic life-saving skills.

The expansion of the PATC program required procurement of additional equipment. MDERS purchased 842 cabinets that were distributed to Prince George's County government and schools. The cabinets are adorned with stickers to clearly identify the purpose of the materials within it. When opened, an alarm is triggered and emits an audible siren to alert nearby individuals that a medical emergency is occurring. These cabinets will help expand the PATC program into buildings throughout the Maryland-NCR.



PATC Training



PATC Training Kits



LAW ENFORCEMENT SPECIAL EVENTS RESPONSE CACHE

\$654,583.77
invested

to support the continued implementation of the law enforcement special event cache capability

Provided CDU
Level 1 Training

to law enforcement officers to effectively respond to large-scale civil disturbance events

Acquired PPE

for law enforcement officers to quickly respond and mitigate the threat posed by hazardous materials

OVERVIEW

The Maryland-National Capital Region Emergency Response System supported the continued implementation of the Montgomery County Police Department's and Prince George's County Police Department's public order/civil disturbance capability through the procurement and provision of personal protective equipment (PPE) and specialized training for both departments' Level 1 response teams. Officers equipped with this PPE and the knowledge, skills, and abilities provided during the Level 1 training enable MCPD and PGPD to respond to large-scale civil disturbance events with an operational posture informed by the most modern standards developed across the United States and Europe.

BUDGET

Qty.	Description	Cost
85	Special Event Officer PPE	\$582,331.77
1	CDU Level 1 Training	\$72,252.00
Total		\$654,583.77

AGENCIES



LAW ENFORCEMENT SPECIAL EVENTS RESPONSE CACHE

CAPABILITY SUMMARY

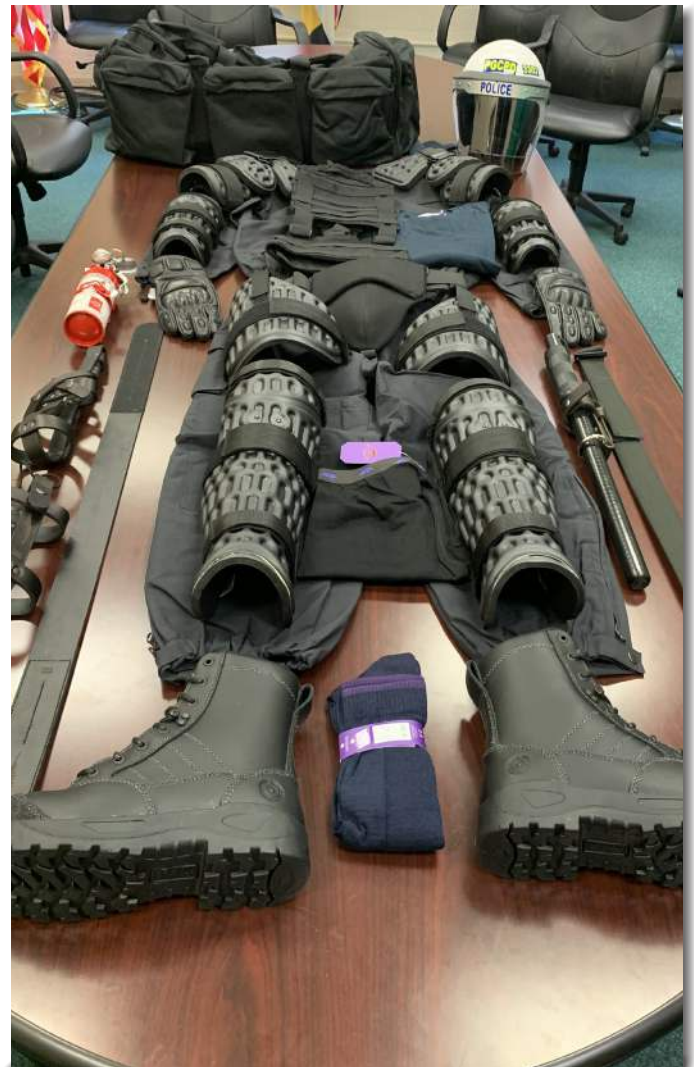
Planned or spontaneous protests, demonstrations, and other large public events are ubiquitous in the National Capital Region. Law enforcement agencies must prepare to respond to all of these events. Level 1 public order teams are at the forefront of any MCPD and PGPD deployment to oversee large gatherings and ensure the safety of the public, law enforcement, and property.

Officers that comprise these teams participate in extensive training that is informed by the most modern and widely accepted techniques. The implementation of Level 1 training allows officers to continuously hone their advanced skills while incorporating new highly trained officers into the teams. New batches of trained officers are essential to allow MCPD and PGPD to maintain a consistent force level and allow a robust posture for prolonged deployments.

When deployed, officer safety is essential for a continued law enforcement presence. The personal protective equipment (PPE) will minimize the threat from blunt force or potentially hazardous materials. The protective equipment consists of body armor and padding to protect an officer's legs, arms, and torso from potential injuries. Overtop these elements are fire retardant overalls to diminish the potential harm from fire related incidents. Officers also wear helmets with visors that clearly identify them as law enforcement and shields the head and facial area. When needed, gas masks were part of the provided material to allow filtered air for officers devoid of any dangerous gaseous substances. The other outermost external components include heavy duty boots and durable gloves to protect an officer's feet and hands.

Level 1 officers were provided with additional supplies to effectuate their mission. Protective shields help officers defend against projectiles or other items that are directed towards them. Officers were given

communication equipment which included earpieces and push to talk buttons connected to radios. These additions help to promote reliable communication channels between officers and commanders.



Special Event Officer PPE



TACTICAL EQUIPMENT FOR LAW ENFORCEMENT MONTGOMERY COUNTY

\$466,299.42
invested

to support the continued expansion of tactical equipment and materials for law enforcement response operations

Procured critical response tools

to minimize threats to law enforcement officer safety in austere environments

Upfitted six

district response vehicles for improved response capabilities

OVERVIEW

Montgomery County Police Department's Special Operations Division (SOD) conduct a variety of challenging operations in different environments and conditions. To be thoroughly prepared, MDERS supported the procurement of equipment and supplies for MCPD to expeditiously, effectively, and efficiently respond to a variety of high-threat scenarios. The continued integration of new supplies facilitates enhanced intelligence gathering, communication, operational tactics, and safety to law enforcement personnel and civilians. The advancement in these areas strengthens MCPD's ability to successfully complete their operations, missions, and functions.

BUDGET

Qty.	Description	Cost
7	Thermal Monoculars	\$14,525.00
5	Night Vision Goggles	\$66,175.00
8	Ballistic Shields	\$25,311.72
6	Critical Response Vehicle Upfitting	\$48,525.06
1	Thermal Snap On System & Target System	\$20,845.00
2	ICOR Robots	\$154,857.24
2	Iris Robots	\$43,529.42
1	Training Supplies	\$20,426.70
64	Ballistic Plates	\$29,999.26
37	Tactical Cold Weather Gear	\$42,105.02
Total		\$466,299.42

AGENCIES



TACTICAL EQUIPMENT FOR LAW ENFORCEMENT MONTGOMERY COUNTY

CAPABILITY SUMMARY

To ensure both the safety of its officers and civilians, as well as the prompt, efficient, and timely execution of its tactical operations, MCPD acquired a variety of specialized equipment and updated existing platforms that are tailored to specific missions and functions.

MCPD upfitted the district response vehicle for each of the six police districts. The supplies added to each vehicle enhance the response capabilities of MCPD to adequately address a myriad of emergency situations. The supplies included in this vehicle upfitting include ballistic shields, tactical entry kits, bullhorns, traffic cones, cable ties, thermal monoculars, night vision monoculars, TEMS medical bags, Life Paks, and Pelican storage cases. Each police district can quickly dispatch the response vehicle to support tactical operations, conduct missions in low-light environments, render medical aid, effectively communicate with the public, and oversee automobile accidents or traffic disruptions.

To enhance operational optics, MCPD obtained several different visual enhancing platforms. Night vision

goggles allow SOD personnel to safely and covertly maneuver through dark environments. The helmet mounted thermal monocular and thermal Snap-On Camera System, bolster the ability of law enforcement to identify heat sources within a particular area. These systems are used to identify individuals when clearing a structure or conducting search and rescue operations. The totality of these platforms enhances the ability of MCPD SOD to effectively conduct their operations in low-light or long-distance situations.

For vision impairment due to internal building obstacles, MCPD has received additional small Iris robots. These durable, throwable robots work in compact environments for operational intelligence. The operator can control the robot from a safe location and pilot it to navigate tight areas. The robot relays a live feed for a holistic assessment of the scene to ensure a safe and successful resolution to each operation.



Critical Response Vehicle Upfitting



Iris Robot



Thermal Monocular



TACTICAL EQUIPMENT FOR LAW ENFORCEMENT PRINCE GEORGE'S COUNTY

\$578,747.07

invested

to support the continued expansion of tactical equipment and materials for law enforcement response operations

Acquired 74 Gas Masks

to enhance the preservation of officer safety and situational awareness when operating in a warm zone

Upgraded the ICOR Robot

to improve intelligence acquisition and communication capabilities during operational deployments

OVERVIEW

Prince George's County Police Department's Special Operations Division (SOD) conducts a variety of challenging operations in different environments and conditions. To be thoroughly prepared, MDERS supported the procurement of equipment and supplies for PGPD to expeditiously, effectively, and efficiently respond to a variety of high-threat scenarios. The continued integration of new supplies facilitates enhanced intelligence gathering, communication, operational tactics, and safety to law enforcement personnel and civilians. The advancement in these areas strengthens PGPD's ability to successfully complete their operations, missions, and functions.

BUDGET

Qty.	Description	Cost
1	BearCat Refurbishment	\$109,684.05
2	Robots (ICOR)	\$149,979.97
1	Robot Upgrade	\$54,979.92
74	Gas Masks	\$87,971.18
4	LifePaks	\$176,131.95
Total		\$578,747.07

AGENCIES



TACTICAL EQUIPMENT FOR LAW ENFORCEMENT PRINCE GEORGE'S COUNTY

CAPABILITY SUMMARY

To ensure both the safety of its officers and civilians, as well as the prompt, efficient, and timely execution of its tactical operations, PGPD acquired a variety of specialized equipment and updated existing platforms that are tailored to specific missions and functions.

PGPD obtained two ICOR robots to bolster intelligence acquisition and communication capabilities during operational deployments. The ICOR robots are outfitted with cameras and audio systems. The camera allows officers to deploy the robot to acquire operational intelligence from a close proximity and different vantage points. The relayed real-time video informs commanders of the various dynamic challenges and allows them to adapt to successfully resolve operations. The audio system helps officers utilize negotiation and de-escalation tactics to effectively communicate with individuals.

In addition to the ICOR robots, PGPD updated the operability of their existing robot. The control system was updated with a modern control system and improved software. These upgrades enhance the operator's control to bolster the usability and

maneuverability of the device. The use of these platforms lessens potential threats to officers as they can be operated from a safe distance and reach vulnerable positions that do not expose officers.

If an officer, or anyone else in a hot zone, does become injured, PGPD acquired four LifePak defibrillator/monitor to enhance their ability to provide immediate medical aid. These systems provide tactical medics with the capacity to assess, identify, and treat cardiac emergencies. Medics can use the defibrillator to treat life-threatening and unstable cardiac emergencies and monitor any alterations to a patient's vital signs. Moreover, these machines document and dispense accurate medical information for required reporting practices.

For an immediate preservation of health and officer safety, 74 gas masks were obtained. The tight-fitting air purifying respirators are utilized by officers during critical incidents such as hostage/barricade callouts. The respirators provided to law enforcement personnel help to protect from chemical agents and allow officers to function to fulfill their mission.



ICOR Robot



Gas Mask



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APPENDICES





APPENDIX A: ABBREVIATIONS

Abbreviation	Definition
AAR	After Action Report
ATS	Augmented Training Systems
ATSCC	Assessment and Training Solutions Consulting Corporation
CDC	Center for Disease Control and Prevention
CDP	Capability Development Plan
COAD	Community Organizations Active in Disaster
COVID-19	SARS-CoV-2
CPG	Comprehensive Preparedness Guide
CQB	Close Quarters Battle
DARC	Direct Action Resource Center
DHS	Department of Homeland Security
DOD	Department of Defense
EM	Emergency Management
EMAP	Emergency Management Accreditation Program
EMS	Emergency Medical Services
EMT	Emergency Medical Technician
EOC	Emergency Operations Center
ERS	Emergency Response System
FAA	Federal Aviation Administration
FBI	Federal Bureau of Investigation
FDIC	Fire Department Instructors Conference
FEMA	Federal Emergency Management Agency
FROT	First Receiver Operations Training
FSE	Full-Scale Exercise
FY	Fiscal Year
GPD	Grant Program Directorate
HSEC	Homeland Security Executive Committee
IAEM	International Association of Emergency Managers
ICS	Incident Command System
KVM	Keyboard, Video, Mouse
LE	Law Enforcement
LEEDA	Law Enforcement Executive Development Association
LR	Long-Range
LSU	Louisiana State University
MCDHHS	Montgomery County Department of Health and Human Services



MCFRS	Montgomery County Fire and Rescue Service
MCI	Mass Casualty Incident
MCPD	Montgomery County Police Department
MCPS	Montgomery County Public Schools
MDEM	Maryland Department of Emergency Management
MDERS	Maryland-National Capital Region Emergency Response System
MDH	Maryland Department of Health
MD-NCR	Maryland-National Capital Region
MDOD	Maryland Department of Disabilities
MSP	Maryland Department of State Police
MIEMSS	Maryland Institute for Emergency Medical Services Systems
MIT	Massachusetts Institute of Technology
MPOX	Monkeypox
MRC	Medical Reserve Corps
MRO	Medical Resource Officer
NACCHO	National Association of County and City Health Officials
NAEMSP	National Association of Emergency Medical Services Physicians
NCR	National Capital Region
NHSA	National Homeland Security Association
NHSC	National Homeland Security Conference
NPLI	National Preparedness Leadership Initiative
OEMHS	Montgomery County Office of Emergency Management and Homeland Security
OHS/EM	Prince George's County Office of Homeland Security and Emergency Management
OSHA	Occupational Safety and Health Administration
PATC	Public Access Trauma Care
PGCHD	Prince George's County Health Department
PGFD	Prince George's County Fire/EMS Department
PH	Public Health
PMP	Project Management Plan
POETE	Planning, Organizing, Equipping, Training, and Exercising
POETEE	Planning, Organizing, Equipping, Training, Exercising, and Evaluating
PPE	Personal Protective Equipment
SAA	State Administrative Agency
SHOT	Shooting, Hunting, Outdoor Trade Show
SME	Subject Matter Expert
SOD	Special Operations Division
SOMA	Special Operations Medical Association
SUAS	Small Unmanned Aerial Systems
SWAT	Special Weapons and Tactics
TECC	Tactical Emergency Casualty Care
TEMS	Tactical Emergency Medical Services
UAS	Unmanned Aerial Systems
UASI	Urban Areas Security Initiative



APPENDIX B: FISCAL YEAR 2020 EXPENSE SUMMARY

Fiscal Year 2020 Total Expenditures	
Fiscal Year 2020 Total Expenditures	\$5,330,295.21
Fiscal Year 2020 Administrative Expenditures	
Description	Expense
Communications	\$19,787.03
Computer Equipment & Peripherals	\$40,324.22
Management & Administrative Costs (MIEMSS)	\$21,277.22
MDERS Staff Payroll	\$901,129.85
Meeting Support	\$2,119.64
Office Supplies	\$4,553.45
Office Copier Rental	\$2,614.67
Office Furniture Rent	\$16,759.92
Office Space Cleaning	\$2,798.75
Office Space Rent	\$45,488.28
Printing	\$7,973.41
Recruitment / Advertising	\$399.00
Software	\$34,952.42
Staff Local Travel	\$96.20
Website Maintenance	\$3,566.81
Total Administrative	\$1,103,840.87
Fiscal Year 2020 Project Expenditures	
Description	Expense
Ballistic Protection for Fire, Rescue, and EMS Personnel	\$445,250.00
Emergency Management Support Montgomery County	\$321,203.52
Emergency Management Support Prince George's County	\$367,428.98
Emerging Homeland Security Technology Pilot	\$144,484.70
Incident Command Tools	\$57,222.00
Law Enforcement Special Events Response Cache	\$654,583.77
Mass Casualty Incident Supplies Transport Truck	\$90,328.24
Medical Resource Officer Montgomery County	\$88,812.69
Medical Resource Officer Prince George's County	\$97,508.58
Public Access Trauma Care	\$287,052.04



Fiscal Year 2020 Project Expenditures	
Description	Expense
Tactical Equipment for Law Enforcement Montgomery County	\$466,299.42
Tactical Equipment for Law Enforcement Prince George's County	\$578,747.07
Training and Exercise Program	\$627,533.33
Total Projects	\$4,226,454.34



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The Maryland-National Capital Region Emergency Response System is supported by a National Capital Region Urban Areas Security Initiative (UASI) grant from the Federal Emergency Management Agency's Grant Programs Directorate, U.S. Department of Homeland Security (DHS). The program is administered by the Maryland Institute for Emergency Medical Services Systems (MIEMSS).



FEMA

