



The University of Maryland
Center for Health & Homeland Security

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Director's Message

By Michael Greenberger, CHHS Founder and Director



Founder and Director Michael Greenberger, JD, introduces the latest CHHS academic course to University of Maryland Francis King Carey School of Law students on January 17, 2014.

In our last newsletter, I highlighted our growing international partnerships and our work for clients across the globe. Since that time, we have expanded in another direction – increasing our academic footprint. Our Center is now responsible for teaching five courses related to counterterrorism and crisis management.

At the start of this spring 2014 semester, I introduced a new

course to our portfolio of law and policy classes. The course, taught at the University of Maryland Francis King Carey School of Law, is entitled: “National Security, Electronic Surveillance and Bulk Data Collection: The Withering of the Fourth Amendment.” The class syllabus reflects the rapidly unfolding news, legislative and commission reports, and court cases focused on the massive National Security Agency surveillance programs revealed over the last eight months through leaks by Booz Allen analyst Edward Snowden. Within this short period of time, the Snowden leaks have given rise to the most important privacy issues since the founding of the Republic. Our new course is a thorough study of this issue.

The other four classes taught by CHHS are: Homeland Security and the Law of Counterterrorism; Law and Policy of Emergency Public Health Response; Law and Policy of Cybersecurity; and Law and Policy of Crisis Management. We also have a vibrant externship program with an average of 15 professional school graduate students per year working side by side with our full-time staff to gain academic credit for important experiential work.

These distinctive academic efforts by CHHS have also contributed to national recognition for the Francis King Carey School of Law. This March, the Law and Health Care Program was ranked first among health law graduate programs by *U.S. News & World Report*. Additional acknowledgement by the *National*

Continued on page 3

CHHS Staff



First Row (*left to right*): Elizabeth Webster JD, Czarina Biton MPH, Alexandra Podolny JD, Megan Timmins JD, Michael Greenberger JD, Heather Shaivitz JD, Jeanne Stringer, Lisa Crow MA, Nicole Lanigan MS

Second Row (*left to right*): Marissa Clark JD, Matthias Miziorko MS, Vernon Herron MS, Birch Barron MSPH, Dan Berkman MEM, Eric Oddo MPA, Markus Rauschecker JD, Tom Cotter MPH

Third Row (*all standing left to right*): Ariel Triplett MPH, Preeti Emrick JD, Lindsay Rogers JD, Sarah Case-Herron JD, Veronica Washington, Kasia Fertala JD, Avery Blank JD, Michael Vesely JD, Shannon Snyder MPH, Amond Uwadineke, Matilda Channel-Ward MBA, Raymond Shin JD MEd MPP, Bryan Hull JD, Maggie Davis JD MA, Ellen Cornelius JD, Mehrab Karim MS MBA, Danielle Lueking, Laura Hoch MPIA

Not Pictured: Rachael Almaraz JD, Michael Beland JD, Orit Zeevi Bell JD, Christine Gentry JD, Ulka Ghanta JD, Trudy Henson JD, Jessica Hurst JD, JoAnne Knapp MA, Clark Lee JD, Sharifa Love, Amy Major JD, David Mandell JD, Max Romanik JD, Sonia Siddiqui JD, Earl Stoddard III PhD MPIA, Lori Stone JD, Christopher Webster JD, Ben Yelin JD

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Director's Message (continued)

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Jurist placed the law school in the top 25 institutions for public interest law, as well as in the top 25 law schools with practical training opportunities.

The Center also continues to be a thought leader. Over the months since our last newsletter, our experts have been called upon by businesses, other academic institutions, and professional associations to share and highlight advances in the field of crisis management. For example, Senior Law and Policy Analyst Markus Rauschecker, JD, also a co-instructor for our cybersecurity course, spoke to the Washington Area Legal Recruitment Administrators Association about the need for aggressive approaches in the private sector to prevent data breaches; Associate Director Amy



The fifth law and policy course developed and taught by CHHS and Greenberger (left), "The Withering of the Fourth Amendment," explores the legality of recently revealed NSA metadata collection.

Major, JD, spoke about the need for health care facilities to engage in creative crisis prevention planning during a legal scholars seminar hosted by the Beazley Institute for Health Law and Policy at Loyola University Chicago School of Law; and Senior Policy Analyst Eric Oddo, MPA, addressed business leaders in the Golden Triangle Business Improvement District in Washington, D.C. about the importance of business continuity planning.

In addition to our staff sharing their expertise in the field, we hosted

85 prominent medical researchers at the Middle Atlantic Regional Center of Excellence for Biodefense and Emerging Infectious Diseases' annual conference on Dual Use Research of Concern. I also had the pleasure of addressing cybersecurity experts at the CyberMaryland 2013 gathering; as well as making a presentation on dual use research at the American Association of Law Schools' Annual Meeting in New York City.

Since the founding of our Center in May 2002, over 500 students have taken a CHHS law and policy course, while nearly 100 University of Maryland law school graduates have been employed by CHHS. It is for this reason that our academic program and our substantial worldwide field work have been heralded in the crisis management community, because of our successful melding of academics with real world experience in protecting the public during severe crises.

Please enjoy the spring newsletter.



Furthering the Center's academic reach, Greenberger (left) spoke before students of the MLAW Program at the University of Maryland, College Park for a seminar entitled "Googling the NSA: Accountability in the Age of Big Data" on March 25, 2014.

Conference Explores Critical Balancing Act between Public Safety and Scientific Advancement

On February 10, 2014 CHHS hosted an annual public health conference in partnership with the Middle Atlantic Regional Center of Excellence for Biodefense and Emerging Infectious Diseases (MARCE). This year's focus was on Dual Use Research of Concern (DURC), which encompasses life science research involving dangerous pathogens that could be purposefully misapplied or accidentally released into non-laboratory environments, causing harm to the public. DURC garnered a lot of attention in 2011 and 2012 following debate about the publication of scientific papers detailing information about deadly laboratory-induced mutations in the avian influenza (H5N1) virus.

Over the course of the day-long conference, a series of panels offered expertise from across the spectrum of government, the private sector, academia, and the general public. All of the speakers emphasized themes of biosafety and biosecurity. Discussions of best practices included beginning all research with a risk and vulnerability assessment, and establishing the safety standards to be put in place.

Dr. J. Patrick Fitch, the founding Laboratory Director for the National Biodefense Analysis and Countermeasures Center (NBACC) and President of the Battelle National Biodefense Institute, LLC, delivered the keynote address. Dr.



Fitch explained the importance of pushing for a “culture of responsibility” at NBACC, where safety is the number one priority in all of their research, and expanding this culture industry-wide to maintain the safety of laboratories and the public.

A large part of the question and answer sessions focused on what the appropriate balance is between unfettered scientific research and ensuring public health and welfare. The need to protect people, animals, and agriculture from the dangers of DURC with regulation and oversight needs to be balanced with the potential for scientific innovation in these research arenas. While the nearly 85 conference participants did not



The MARCE 2014 Public Health Preparedness conference included two panel discussions, audience participation, and keynote speaker Dr. J. Patrick Fitch (bottom).

draw a hard line, the consensus was that a compromise between safety and scientific advancement could be reached with open dialogue and reasonable research practices.

CHHS Supports Development of D.C. Homeland Security Commission Annual Report

The District of Columbia Homeland Security Commission (HSC) was established by the Homeland Security, Risk Reduction, and Preparedness Amendment Act of 2006. The core function of the HSC is to make recommendations for improvements in security and preparedness in the District of Columbia. Specifically, the Commission is tasked by the Mayor with gathering and evaluating information on the status of homeland security in the District, measuring progress and gaps in homeland security preparedness, recommending security improvement priorities in consultation with major public and private entities, and advising the District government on the homeland security program.

Confronted by such a broad statutory agenda, the seven-member Commission decided that it could most effectively make a contribution by concentrating in greater depth on one topic, rather than undertaking a cursory overview of the many subjects within its purview. With a focus on cybersecurity for the 2013 Annual Report, the Commission engaged in a year-long investigation process by interviewing those agencies that are heavily involved in protecting the District's critical infrastructure.

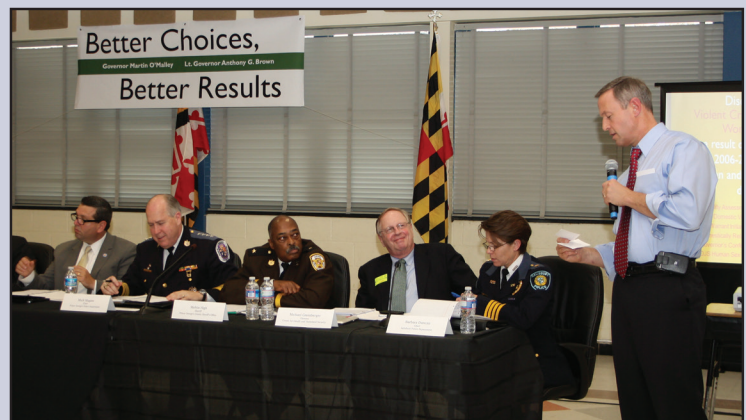
CHHS Senior Law and Policy Analyst Ulka Ghanta provided support to the Commission throughout the development of the

2013 Annual Report. From attending meetings and briefings regarding the data gathering process, to conducting research and analysis of the various cyber issues and threats impacting the District, Ghanta played a key role in the Commission's efforts.

The information collected provided the basis for the report, drafted and finalized by Ghanta and members of the Commission, for submission to the Mayor and District of Columbia Council. The final report also included a list of recommendations that the District should consider in 2014 to protect against and recover from potential cyber attacks.

Maryland Public Safety Forum Brings Together Top Officials

Founder and Director Michael Greenberger was invited to join Maryland Governor Martin O'Malley, along with state cabinet secretaries, state's attorneys, and local police chiefs, to be a panelist at a Better Choices, Better Results forum on November 21, 2013. The panelists, before an audience of nearly 200 stakeholders, discussed strategic goals and choices made by the O'Malley Administration that are having a positive effect on the state's public safety and homeland security. Greenberger lauded Maryland's efforts to date, noting they exceed those of jurisdictions CHHS has worked with around the world.



Maryland Governor Martin O'Malley (right) asks questions of the panelists, including CHHS Founder and Director Michael Greenberger, JD (seated second from right), during a forum to discuss public safety accomplishments.

CHHS Expertise in School Safety Planning Utilized in MD

CHHS is currently spearheading two projects to improve school safety. Both projects rely on expertise in preparedness planning and emergency management best practices, while drawing on lessons learned from recent natural and man-made disasters in classrooms across the country.

Senior Policy Analyst Eric Oddo is serving as the program manager

of operations plans for University-wide essential functions. The CHHS Exercise and Training team is also developing a series of exercises to build the University's response capabilities.

Additionally, CHHS Senior Policy Analyst

Mehrab Karim – working as a Regional Planner for the Montgomery

County Office of Emergency Management and Homeland Security – is leading the the National Capital Region Regional Planners Subcommittee's development of preparedness seminars for public, private, and independent schools in Maryland, the District of Columbia, and

Virginia. As the seminars unfold this spring, administrators and safety officials will collaborate with local emergency management offices to discuss major issues facing schools in each region, learn about valuable resources available, and begin to develop strategies to plan for and respond to potential threats.



At the invitation of the Baltimore City Council, CHHS Founder and Director Michael Greenberger, JD (standing), discussed key school safety measures during an informational hearing with the City's Public Safety Committee.



Senior Policy Analyst Vernon Herron, MS (right), alongside University of Maryland, Baltimore Police Force Colonel Milland Reed, discusses plans for a campus-wide security update.

for a campus security review and update at the University of Maryland, Baltimore, home to the Center. CHHS is working to assess building security in conjunction with the University of Maryland Police Force; helping the Office of Communications and Public Affairs develop outreach materials for staff, students, and visitors; and updating continuity

CHHS expertise in school safety was also sought in December of 2013 by the Baltimore City Council when Founder and Director Michael Greenberger was invited to speak at their Public Safety Committee's informational hearing on "Preparedness and Safety in our Schools and Communities." Greenberger stressed the importance of having strong and comprehensive emergency operations plans. He also testified about the need to conduct risk and hazard assessments both inside schools and on outdoor school grounds, of having well-exercised procedures for evacuation, shelter-in-place and lockdown, and having redundant and effective modes of communications.

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EOC Activations Spur CHHS Staff into Action



Winter storm tree damage in Maryland.

The 2013-14 winter season dealt parts of Maryland more snow in just the first few storms than the entire previous winter. As ice and snow caused travel headaches and power outages, and an active-shooter event impacted a local shopping mall, CHHS staffers who work directly with local and state emergency management agencies supported several Emergency Operation Center (EOC) activations this winter.

In the city of Annapolis, Md., CHHS Senior Law and Policy Analyst David Mandell, in his role as a Senior Planner with the Office of Emergency Preparedness and Risk Management, worked through multiple activations and a couple near misses due to weather. Snow accumulation for a single storm reached more than it had in several years, closing government offices for non-essential personnel. Mandell assisted with the coordination of the City's response, activation of the Annapolis Call Center for non-emergencies, and also served as a Public Information Officer to keep the media and public informed.

CHHS staff working out of the Montgomery County Office of Emergency Management and Homeland Security also saw several storms that impacted the county. GIS Specialist Matthias Miziorko not only assisted with Geographic Information Systems mapping during activations, but also served as WebEOC Controller, and provided general operations support.

Downtown Baltimore City may not have seen as much winter weather as the surrounding counties, but CHHS staffers Marissa Clark, Law and Policy Analyst, and Shannon Snyder, Policy Analyst, both served as representatives for the City Health Department's Office of Public Health Preparedness and Response during a handful of activations. In this capacity, Clark and Snyder ensured area hospitals were informed of EOC operations and assisted them with weather related issues, while monitoring dialysis patient care, the need for emergency shelters, and also referring homeless pickup calls to the Mayor's Office of Human Services.

In addition to supporting winter weather activations, three CHHS staffers working with the Howard County Office of Emergency Management supported EOC functions following an active shooter situation at the Columbia Town Center Mall on January 25, 2014. Senior Policy Analyst Lisa Crow, Law and Policy Analyst Kasia Fertala, and Senior Policy Analyst Birch Barron assisted with the County's after action review processes at the conclusion of the activation.

Business Continuity Discussion Following Navy Yard Shooting

Following the tragic events of the Navy Yard shooting in the District of Columbia on September 16, 2013, the Golden Triangle Business Improvement District invited CHHS Senior Policy Analyst Eric Oddo to be a guest speaker during a gathering of residents and businesses. While the panel had been scheduled prior to the Navy Yard incident to discuss general security, the coordinators expanded the focus to include experts on emergency management and business continuity. Many property managers were interested to know what they could do to prepare for an incident such as an active shooter, how to communicate with tenants, and how to respond to an emergency.



CHHS Senior Policy Analyst Eric Oddo, MPA, speaks to the Golden Triangle Business Improvement District following the Navy Yard Shooting.

From Our Blog: CyberMaryland Conference on Privacy Versus Protection

*By Marissa Clark, JD
Law and Policy Analyst
October 24, 2013*



Baltimore City welcomed cybersecurity professionals and hobbyists from around the world October 8 - 9 at the third annual CyberMaryland Conference held at the Baltimore Convention Center. CyberMaryland was designed to showcase Maryland's cybersecurity strengths – and it did just that. Representatives from federal agencies spoke about the benefits of having the cybersecurity “epi-center” in Maryland, close to government intelligence and defense agencies, cybersecurity companies, and 16 higher education institutions designated as National Centers of Academic Excellence in Information Assurance. State and local government representatives spoke about cybersecurity advances that are taking place within their own jurisdictions. Maryland universities showcased their cyber

programs not only in their booths and as panelist speakers, but also with teams of students competing in a live “hack-a-thon” (think capture the flag, computer-style). Several panel discussions brought together experts to discuss issues including emerging cyber threats, the future of employment in cybersecurity, international cooperation in addressing cyber threats, and protecting electronic health records.

In light of the Edward Snowden incident, and everything that came to the public's notice as a result, the general session on “Privacy vs. Protection” was particularly interesting.

In addition to CHHS Founder and Director Michael Greenberger, panelists of the Privacy vs. Protection panel included: Lydia Kay Griggsby, Chief Counsel for Privacy Information Policy, Senate Judiciary Committee; Kathleen Rice, Counsel for the Senate Select Committee on Intelligence; Greg Nojeim, Senior Counsel, Center for Democracy and Technology; and moderator Eric Chapman, Senior Director, Corporate and Government Relations, University of Maryland and Deputy Director, Maryland Cybersecurity Center.

As Ms. Griggsby poignantly noted at the very beginning of the discussion, the issue is where the line between privacy and protection should (or must) be drawn.

Admittedly, today's national security threats are not the threats our nation faced in the past. Instead of only

facing the threat of nuclear bombs and conventional weapons, we must also contend with anonymous individuals who can present threats from any location with internet access. The satellites and spy plans that worked well for the large, fixed visible targets of the Cold War are ineffective against terrorists who are able to strike without warning. Who may be a terrorist and when an attack may occur is not readily apparent. An isolated fact – such as taking flying lessons – may seem innocuous, but when combined with other facts, such as having a visa from a country that supports terrorism or calling a known terrorist, a terrorist-like pattern may materialize.

Spurred on by the 9/11 Commission's chastisement for failing to “connect the dots,” data mining is now mandated by law – an essential tool in fighting terrorism. Data mining applies algorithms to government and non-government data sources such as criminal databases, credit reports, travel itineraries, and grocery cards. Data mining searches through “electronic haystacks” to connect the dots in order to find more information about an identified person or to discover a “terrorist-like” pattern which is then used to find undetected terrorists.

Data mining, however, can make citizens feel vulnerable and powerless – it strips effective control over our own information, it uses information for purposes other than we originally intended, and it happens without public involvement. As a result of data mining, individuals have been

wrongfully interrogated, searched, and arrested because of inaccurate data. Individuals, knowing that the government can view their every move and transaction, self-censor for fear that they may be watched. As Mr. Nojeim stated: “If you can’t trust, then you don’t do.”

Meanwhile, a terrorist can slip into our country undetected, his profile not matching patterns of other terrorists like some 9/11 conspirators or the Tsarnaev brothers. Mr. Greenberger referenced this when he referred to the recent Senate Committee hearing where Senator Patrick Leahy questioned NSA Deputy Director John Inglis on how many plots were actually prevented as a result of the bulk surveillance program known as section 215. While the NSA had earlier reported these efforts thwarted or prevented 54 terrorist plots, it was clarified during the hearing that 215 made a contribution in only 12 instances of threats against the U.S., and only in one of those 12 was the plot specifically prevented due to data collection under 215. The Boston marathon bombing? That’s an example of one that slipped through the cracks. Mr. Greenberger’s concluding remarks: “the justification for the massive data collection our country has been conducting is just not there.”

So what should be done? How do we protect our privacy, while also protecting our security?

Some information must be kept secret – otherwise we would tip off



CyberMaryland 2013 included Founder and Director Michael Greenberger, JD, on a “Privacy vs. Protection” panel.

those who seek to evade detection. A good start was suggested by Mr. Greenberger: switching from using the indicators to decide when to fully read a document to instead using them to decide whether to collect the document at all. Another step in the right direction was suggested by Mr. Nojeim – implementing the Fair Information Practices that were first created by the U.S. Department of Health, Education, and Welfare (now the Department of Health and Human Services) in 1973. The main principles of the Fair Information Practices include: avoiding secret personal data systems, giving individuals power over how their information is used and authority to correct or amend their information, and placing requirements on organizations that deal with identifiable personal records.

The biggest concern is not data mining’s use, but rather the cloud of secrecy that engulfs all facts of

data mining: the data involved, the algorithms used, and the results relied upon. When Ms. Rice seemed to say that U.S. citizens had given permission for the bulk collection of our information, and that we knew it was happening, Mr. Nojeim asked by a show of hands who in the room had given their permission. Very few hands went up. And while the law that NSA was relying on was written in black and white on the books, as Mr. Nojeim pointed out, most were not aware of the “secret” interpretations NSA was making of the vague terms in the law.

Perhaps the best summary, similar to the concerns raised by the CyberMaryland panel on Privacy vs. Protection, can be found in Senator Leahy’s comments to the Senate Judiciary Committee in late July: “[I]f we did everything. . . if we strip-searched everybody that came into every building in America; we’re not going to do that. We have more security if we close our borders completely to everybody; we’re not going to do that. . . [I]f we put a wiretap on everybody’s cell phone in America, if we search everybody’s home, but there are certain things – certain areas of our own privacy that we Americans expect, and at some point, you have to know where the balance is.”

You can find this and other blogs on our website mdchhs.com/blog

CHHS' Exercise and Training Program

Led by Program Manager Laura Hoch, the Exercise and Training team at CHHS routinely develops tabletop, functional, and full-scale exercises to assist clients in testing operational plans prior to a real-world disaster. Over the past several months, the team's activities have included:

MD Natural Resources Police Test Port Security Technology

CHHS culminated a project with the Maryland Department of Natural Resources and the Natural Resource Police (NRP) this past fall through a full-scale exercise to assess their Maritime Law Enforcement Information Network (MLEIN). MLEIN is a port security technology that brings water patrol into the 21st century.

The NRP sought out CHHS to develop a test of the system that would demonstrate interoperability among partners during a planned event, while evaluating MLEIN's ability to enhance situational awareness and interdict unlawful activities on Maryland's waterways. The exercise also examined how stakeholders access and receive information, and can deploy resources using the MLEIN system.

Allied partners, including the U.S. Coast Guard and local county agencies that frequently support



CHHS Exercise and Training Program Manager Laura Hoch, MPLA (above) and Senior Policy Analyst Thomas Cotter, MPH (right) work as controllers and evaluators for the MLEIN exercise on Maryland's Chesapeake Bay in October, 2013.



Maryland waterway emergency response, gathered at Sandy Point State Park on the banks of the Chesapeake Bay on October 15, 2013, for the exercise. Following instructions from CHHS' controllers, participants practiced setting up

command and control for a mock maritime event and interdicting prohibited vessels or those exceeding speed limits within a designated parameter around the Bay Bridge. CHHS evaluators observed the actions of those involved throughout the day to provide feedback on



whether exercise objectives and core capabilities were met. Moving forward, NRP will have a clearer picture of MLEIN's potential for use in a real-world emergency or planned event.

Senior Crisis Management Seminars

In 2013, the CHHS Exercise and Training team conducted eight Senior Crisis Management Seminars in conjunction with the U.S. Department of State Office of Antiterrorism

Assistance. The final seminar was held for Bangladesh in College Park, Md. in November, and included participants from the country's police and fire/first responders. As a government familiar with violent protests and poor building codes

that demand large-scale response to frequent collapses, the group sought guidance on best practices including crisis management, violent civil disturbance response, incident command systems, critical infrastructure protection, and crisis communications.

New seminars, including India, Indonesia, Lebanon, and Nigeria, are being planned for delivery in spring 2014.

Montgomery County Winter Weather Functional Exercise

Preparing for natural disasters is imperative for local county emergency management agencies and first responders, including major winter storms that bring power outages and treacherous travel situations along with heavy snow and ice. In Montgomery County the CHHS Exercise and Training team helped

emergency management officials practice activation of their Emergency Operation Center for a mock severe winter thunderstorm accompanied by snow in early December 2013, and evaluated their response.

CHHS Staffers Complete Exercise Planning and Program Management Course

In October 2013, ten CHHS staff members participated in a Homeland Security Exercise and Evaluation Program (HSEEP) training. HSEEP, a Federal Emergency Management Agency course, teaches the principals of exercise planning and program management. As a professional development training for staffers, the three day course overviewed the steps involved in conducting a capability assessment to determine exercise and training needs, creating sample exercises to test those capabilities, evaluating an

exercise, and recommending and implementing corrective actions in the improvement planning process.

Baltimore UASI Training and Exercise Assessment

The CHHS Exercise and Training team recently completed an assessment of training and exercise needs for the Baltimore Urban Areas Security Initiative (UASI). Staff reached out to exercise and training representatives from each UASI jurisdiction, including the cities of Baltimore and Annapolis and the counties of Anne Arundel, Baltimore, Carroll, Harford, and Howard, to discuss individual and regional capabilities. From this data, CHHS staff developed training and exercise goals, and made recommendations for what future regional exercises and trainings the Baltimore UASI should sponsor over the next five years.



CHHS the Video

Learn more about who we are and what we do:

www.youtube.com/MDCHHS or on our website at

www.mdchhs.com/news-press/chhs-video.

Planning for the Worst - CHHS Assists MD County with Mass Fatality Plan

CHHS recently assisted the Anne Arundel County Department of Health and Office of Emergency Management in the creation of the Anne Arundel County Mass Fatality Plan. Although it is a subject no one likes to think about, planning for a mass fatality event is of critical importance for communities to boost their preparedness capabilities. Relying on staff expertise and national best practices, CHHS began the project by holding stakeholder meetings with county officials to determine their roles in a mass fatality event.

Afterwards, a countywide planning meeting was held to finalize the roles and responsibilities of the agencies.



Mock drill simulating a mass casualty incident.

CHHS also held a workshop in order to test and further refine the Plan. The workshop, held on December 11, 2013 at the Anne Arundel Medical Center, was well attended by numerous county and state officials, as well as non-governmental representatives such as hospital officials and the Maryland State Funeral Directors Association.

In the spring of 2014, CHHS is building upon its work with Anne Arundel County by organizing a Family Assistance Center Plan, a companion to the Mass Fatality Plan.

2014 MD Legislative Session Includes CHHS Interoperability Expertise

For more than seven years, CHHS interoperability experts, including Senior Law and Policy Analysts Lori Romer Stone and Christopher Webster, have been working with state and local entities in Maryland to improve governance, planning, training, and exercises for first responder networks. One effort, following the implementation of the Maryland FiRST statewide radio communication system, is the development of a governance body to manage the system. Sample legislation drafted by CHHS staffers became the basis for House Bill 308 and Senate Bill 338, which were introduced by Governor Martin O'Malley as part of his 2014 legislative agenda to create a Statewide Radio Control Board. Having done much of the outreach to

stakeholders and other states with similar radio system governance models to determine best practices, Webster submitted written testimony to the Maryland General Assembly for an initial Senate hearing of the Bill on February 18, 2014.

CHHS continues to support the interoperability efforts of the State moving forward as well. In August 2013, the Center began a new contract with the Statewide Interoperability Program Management Office to prepare Maryland for the rollout of the Nationwide Public Safety Broadband Network, the Nation's first 4G LTW Network designed, deployed, and operated for first responders.

In The News

As subject matter experts on topics ranging from public health to disaster preparedness and response, CHHS is often sought out by the media to comment on current events – whether happening locally, nationally, or internationally. Over the past several months, staffers have given numerous remarks and made many appearances, including:

In the December 20, 2013 edition of *USA Today's* special interest publication, which focused on homeland security, both CHHS Founder and Director Michael Greenberger and Research Assistant Justin Morris, also a University of Maryland Francis King Carey School of Law student, were interviewed for the article “Planning for Disasters.” The piece focused on the educational opportunities available to homeland security professionals and highlighted the Center’s unique law and policy courses, as well as the hands-on experience it offers students and recent law graduates.

In the aftermath of both the Navy Yard shooting in the District of Columbia and the shooting at the Columbia Town Center Mall in Columbia, Md., CHHS Senior Policy Analyst Eric Oddo provided insight to several local news outlets. Fox 5 Morning News featured Oddo live to discuss workplace risk assessments and business continuity best practices, while the *Baltimore Sun* asked him about preventative measures for an incident such as an active shooter in a large public area.



Senior Policy Analyst Eric Oddo, MPA, appears live on Fox 5 to discuss workplace safety following the Navy Yard shooting.



Senior Policy Analyst Vernon Herron, MS, speaks with WUSA 9 for a story on publicizing bomb threats.

Director Greenberger was also interviewed by WUSA 9, WNEW Radio, and KNX Radio as the Navy Yard situation unfolded, giving expert commentary on the likely steps responding agencies were taking to secure and investigate the situation. After news broke of the shooter’s identity and background, Greenberger appeared on Fox 5, WTOP Radio, CCTV America, and NPR Radio’s Diane Rehm Show to discuss security clearances for government contractors.

As National Security Agency data collection leaks by Edward Snowden, the employee of a government contractor, continued to dominate news headlines, Greenberger spoke out about the issue as it related to

Fourth Amendment privacy concerns. He commented for WJZ 13, and was also a guest on WYPR Radio’s Middy with Dan Rodricks to discuss the latest developments in January, 2014. Following the launch of the Center’s fifth homeland security-focused law and policy class, “National Security, Electronic Surveillance and Bulk Data Collection: The Withering of the Fourth Amendment,” the *Maryland Daily Record* reported, in-depth, on the opportunity for law students to follow current events while learning about what Greenberger dubbed “the most important Fourth Amendment issue of our lifetimes.” Senior Law and Policy Analyst Trudy Henson was also interviewed for the article, discussing the professional benefit of such academic classes through her experience as a former student and now CHHS senior staffer and expert.

CHHS Senior Policy Analyst Vernon Herron imparted his law enforcement expertise for several news stories over the last few months as well, including commentary for an *Associated Press* article on the Supreme Court’s ruling regarding use of Global Positioning System tracking by police without a warrant, Fox 45’s coverage of local Transportation Security Administration agents finding unexpected objects in travelers’ carry-on items, and a story by WUSA 9 on how social media has changed the way law enforcement and local media respond to bomb threats.

CHHS Staff Additions

CHHS has grown since our last newsletter – for biographies of all employees at the Center visit “Who We Are” on www.mdchhs.com.



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Give to CHHS

You can support our ongoing work by contributing to the **Center for Health and Homeland Security**. Our staff has grown to more than 60 experts and professionals, many of whom present at conferences, speak at symposiums, and offer commentary in the media – all outside the scope of their normal duties. Your contribution mirrors our dedication, and your generosity will open doors to exciting new projects and provide the essential resources we need to effectively work side-by-side with emergency officials to ensure the safety of every citizen.

There are three ways to make a gift to CHHS:

- (1) Online, at mdchhs.com/give
- (2) Phone, by calling Jeanne Stringer at (410) 706-0585
- (3) Mail, by sending a check made payable to **UMBF, Inc./CHHS** to 500 West Baltimore St., Baltimore, MD 21201-1786



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