



The University of Maryland
Center for Health & Homeland Security

In This Issue

- 1 Director's Message
- 2 CHHS Staff
- 3 Baltimore City Active Assailant Tabletop Exercise
- 4 CHHS IN FOCUS: Academics
- 6 CHHS IN FOCUS: Cybersecurity
- 8 CHHS IN FOCUS: Continuity Program
- 10 CHHS IN FOCUS: Public Health
- 15 Donate to CHHS

Director's Message

By Michael Greenberger, CHHS Founder and Director



*Founder and Director
Michael Greenberger, JD*

As I write this message, there is much fanfare and praise for New York Times' reporter David E. Sanger's recently published, well received and important book, "The Perfect Weapon." As described in that paper's book review, Sanger's book is "an encyclopedic account of policy-relevant happenings in the cyberworld," whose "principal focus...is cyberwarfare – the use of techniques to sabotage the electronic or physical assets of an adversary[.]"

Among other things, Sanger focuses on Russia's use of cyber weapons to interfere with (and, as many report, determine the outcome of) the U.S. 2016 presidential election. However, besides playing havoc with the world's foremost democratic electoral

process, cyber warfare can, without any use or presence of traditional physical military prowess, bring a country's critical infrastructure to its knees, including the long term disabling of electoral grids, communication capabilities, medical devices and even the use of a country's military weapons. Government and the private sector are seeking qualified individuals who can navigate the complex legal and policy issues associated with the entire spectrum of cyber threats.

As shown elsewhere in this newsletter, our Center is at the forefront of providing cyber advice to governments and the private sector, as well as educating tomorrow's cyber experts. In conjunction with the University of Maryland Carey School of Law, we have launched highly successful graduate cyber studies (many online) leading to a Master of Science in Cyber Law, a Master of Laws with a Specialization in Cyber, as well as a Cyber/Homeland Security Certificate for our JD students. We now teach courses on the law and policy of cybersecurity and cybercrimes, the use of cyber capabilities in foreign intelligence gathering, international law as it relates to cybersecurity, and a course on the underlying technologies for lawyers and policy makers in this area.

Continued on page 3

CHHS Staff



First Row (left to right): Heather Shaivitz, Associate Director; Megan Timmins, Associate Director; Michael Greenberger, Director; Jeanne Stringer, Coordinator; Christine Gentry, Senior Law & Policy Analyst

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Third Row (left to right): John Travers, extern; Jon Lim, Senior Law & Policy Analyst; Clark Lee, Senior Law & Policy Analyst; Janet Terry, Media Relations Director; Pavithra Madhanakumar, extern; Virginia Giannini, extern; Bach Nguyen, extern; Fiona Nguyen, extern; Birch Barron, Senior Policy Analyst

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Not Pictured: Jihane Ambroise, Senior Policy Analyst; Ellen Cornelius, Senior Law & Policy Analyst; Danyel Hafeez, Policy Analyst; Allison Kronback, Senior Law & Policy Analyst; Amy Rappole, Senior Law & Policy Analyst; Kimberly Stinchcomb, Senior Policy Analyst

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Director's Message

Continued from cover

As a result, we have sent dozens of cyber lawyers and policy makers into the cyber workforce. That number will grow exponentially in the years to come.

Members of our staff are also now active participants in various cybersecurity commissions offering guidance on the development of cyber law and policy within the states. We are also providing cyber consulting services nationally to both the public and private sectors.

As even a cursory read of this newsletter will show, we are working on contracts worldwide providing planning, training, and exercises to prevent and respond to a host of terror, infectious disease, and natural catastrophes, but we are very proud of the role we play in the increasingly important cybersecurity sector.

Please enjoy the newsletter.



Michael Greenberger
CHHS Founder & Director

Baltimore City Active Assailant Tabletop Exercise

On February 20, 2018, CHHS Continuity Program Director Eric Oddo facilitated a Baltimore City interagency tabletop exercise featuring an active assailant scenario – the first of its kind ever conducted in Baltimore. The hypothetical, discussion-based exercise focused on the city's collaborative response to a mass-casualty shooting at the Abel Wolman Municipal Building downtown. The exercise was hosted by the Baltimore City Fire Department and attended by over a dozen key city and state agencies, including the Baltimore City Police, Health, Transportation, General

Services and Public Works Departments, the Maryland Emergency Management Agency (MEMA), Maryland State Police, and the Maryland Institute for Emergency Medical Services Systems (MIEMSS).

The discussion centered upon such critical objectives as the neutralization of the assailant, emergency triaging of shooting victims, utilization of the Incident Command System (ICS), the establishment of hot, warm and cold zones, family reunification, public information, and the mitigation of misinformation.

CHHS in Social Media



CHHS maintains active social media accounts on a number of platforms. Follow us for updates on CHHS media appearances, webinars and blogs on current events, and all the information on CHHS special events.



Check out our YouTube Channel to see our video blog series on the Zika virus



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CHHS IN FOCUS: Academics



CHHS Academic Program Director, Mike Vesely

Inaugural Class of Online Cybersecurity Students Earn their M.S.L.

Another year, another graduation and another first for CHHS and the Francis King Carey School of Law, as we celebrate the graduation of our first cadre of online M.S.L. students. These seven students (Matthew Fleisher, Lindsey Marshalek, Chibuzo Nwatu, Frank Preckel, Netali Squires, Xing Sun, Roger Ward) completed their degree in the Cybersecurity track; their intelligence, dedication,

and patience have been evident from the onset and we all offer our admiration and congratulations for their accomplishment.

The second cadre of online learners, which is comprised of both Cybersecurity and Crisis Management students, began their work in fall of 2017 and will graduate in December 2018.

These graduates are on the leading edge of law, regarding both the subject matter of their studies as well as the manner in which they engaged with this content. A new generation of cyber security specialists, who understand legal and policy issues, is desperately needed and these graduates are poised to take up this challenge.

Graduation 2018: J.D., LL.M., and M.S.L. Students Experience the Relief and Exhilaration of Graduation

The University of Maryland, Baltimore 2018 Commencement Exercises offered a glimpse into the future of growing and changing programs for both CHHS and the Francis King Carey School of Law. At this ceremony, students committed to the study of cybersecurity and crisis management were recognized with four different degrees.

In only its second year of availability, ten students (Gina Acevedo, Tyler Babich, Jesse Cade, Christie Chung, Lauren Morowit, Fiona Nyguen, Joshua Prada, Dan Scapardine, Chris Smeenck, Matt Stiglbauer) earning their J.D. were also able to complete the requirements for a certificate in Cybersecurity and Crisis Management. In addition to these graduates, one LL.M. student, Ericka Steele completed a concentration in these same areas while completing her degree.

Graduation is often a bittersweet moment, but this year's graduation for M.S.L. students in the cybersecurity (Sandra Bechan, Josh Cerino, Chike Patrick Chike, Mark Clarke, Sandy Day, Patricia Decker, Germain Kumah, Sam Magambo, John Martin, Yusuf Sahibzada, Alex Smith, Laura Taylor, David Warren)

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and crisis management (Inas Agabein, Dan Andresen, Lisbeth Baker, Brehanna Edwards, Patrick Fleming, Ivette Lucero Lopez, Thomas McMullen, Elizabeth Moehringer, Dorothea O'Toole) tracks was especially poignant, as it is the last. From now on, these specialty areas will be offered exclusively online. All of the instructors working in this program have found it to be especially rewarding to work with this group of students and look forward to hearing of their future successes.

With one ending, we have a new beginning too, as our first group of online M.S.L. students graduated this spring. These students showed remarkable resilience and commitment to be part of the inaugural online group. Students and instructors were able to grow together in this new and exciting realm of virtual learning. As our online program steadily grows, we are indebted to this first group who showed us how this could be done with intelligence and wit.

All of the students in the J.D., LL.M., and M.S.L. programs supported by CHHS worked extremely hard and should be proud of their accomplishments. We wish them luck in all of their future endeavors.

Student Spotlight

Dan Andresen

On Friday, May 18, 2018, Dan Andresen graduated from the University of Maryland Francis King Carey School of Law, Masters of Law Program as part of the Homeland Security and Crisis Management track. During his time in the program Mr. Andresen worked as the Director of Global Security for the American Bar Association, a position that enabled him to have unique insights into the challenges facing security professionals and attorneys alike. For his capstone project, Dan developed a sophisticated operations plan to deal with pandemic outbreaks. Planning for pandemics is one of the most challenging preparedness endeavors that someone working in emergency management/security can undertake; Dan was able to harness his unique combination of technical knowledge, experience, and vision to assemble a cutting-edge plan that will enable the ABA to be at the forefront of pandemic preparedness. Mr. Andresen is a dedicated and active learner, an dedicated and insightful professional, and an exemplary representative of the caliber of student that we have come to expect from students in the MSL program. We wish him well in all of his future endeavors.

Mark Clarke

Mark Clarke was a member of the University of Maryland Francis King Carey School of Law Masters of Law Program's residential cohort. He graduated in May 2018 as part of the cybersecurity track. Mr. Clarke came to the MSL program while active in the U.S. Army. He was drawn to the MSL program because he was increasingly confronted with legal and policy issues in his position. Moreover, Mark saw that cybersecurity was an area with tremendous industry growth and Mark wanted to prepare for his time after his military career. During the program, Mark became increasingly interested in the challenge of fulfilling the tremendous need for qualified cybersecurity professionals. For his Capstone project, Mr. Clarke analyzed the national-level efforts to foster cybersecurity education and prepare new generations of cybersecurity professionals. Mark will be retiring from the military next summer and he is looking forward to transitioning into a career in cybersecurity where he will apply the legal and policy concepts he acquired in the MSL program. We are very proud of Mark and all of his accomplishments.

CHHS IN FOCUS: Cybersecurity



In April, 2018 CHHS Cybersecurity Program Director Markus Rauschecker and Senior Law and Policy Analyst Ben Yelin traveled to Lake Tahoe to present their work on developing a cybersecurity law & policy curriculum at the NSA Cyber Core Curricula Workshop.

CHHS continues to expand its cybersecurity program, helping federal, state and local entities with important advisory, planning, and educational initiatives.

CHHS and the Maryland Cybersecurity Council

CHHS continues its involvement with the Maryland Cybersecurity Council. The Council is chaired by the Maryland Attorney General and consists of 50 cybersecurity experts representing government, the private sector, and academia. CHHS Director Michael Greenberger chairs the Council's Critical Infrastructure Subcommittee and is also a member of the Council's Legal Subcommittee. This past summer, CHHS Cybersecurity Program Director, Markus Rauschecker was also invited to become a member of the Council.

The Council is working diligently on implementing the recommendations it made in its latest report to the Maryland General Assembly. One of the Critical Infrastructure Subcommittee's main recommendations was to establish a repository where educational cybersecurity resources would be freely available to anyone. The Council recently launched this repository on its website. CHHS is supporting the Council by continuously curating additional resources and including them in the Council's website.

CHHS staff also supported important pieces of legislation that were introduced in the Maryland General Assembly this year. Rauschecker provided testimony in support of a bill addressing the growing threat of ransomware. CHHS Extern, Tyler Babich, and CHHS

Research Assistant, Bach Nguyen, had an opportunity to provide testimony in support of bills seeking to strengthen election security.

CHHS is Working with the National Security Agency to Create a Cyber Law and Policy Curriculum

CHHS continues its work with the National Security Agency (NSA). This past September, CHHS received a grant through the Agency's National Cybersecurity Curriculum Program to develop a curriculum on law and policy issues in cybersecurity. The goal of this work is to provide guidance and educational tools to federal government agencies as well as other stakeholders to further cybersecurity education and train both current and next generation cybersecurity professionals.

CHHS is Helping Local Government to Develop a Cyber Response Plan

CHHS is working with the Montgomery County Office of Emergency Management and Homeland Security to develop a Cyber Incident Response Plan. This plan will outline the roles and responsibilities of all county agencies that would be involved in responding to a cyber incident affecting county government. The County already has robust plans focusing on the technical aspects of a cyber incident, but this new Plan will provide the framework for non-technical agency coordination and response. For example, emergency management, local law enforcement,



Senior Law & Policy Analyst Ellen Cornelius Ericson presents at Cyber Maryland



CHHS Cybersecurity Program Director Markus Rauschecker speaks about the Internet of Things, Autonomous Vehicles, and Drones as a panelist at the CyberMaryland Conference in Baltimore.

and the County Attorney may all have significant responsibilities in a cyber incident. When complete, the Plan could become a model for other county governments.

CHHS is Working with the University of Maryland Carey School of Law to Expand Academic Opportunities in Cyber Law and Policy

Over 5 years ago, CHHS developed the “Law and Policy of Cybersecurity” course, which is a survey course that covers the most important legal and policy issues in cybersecurity. This initial course offering has since become part of a distinguished Cybersecurity and Crisis Management Law Program at the University of Maryland Carey School of Law.

The popularity of the Cybersecurity and Crisis Management Law Program continues to grow and CHHS is working hard to meet student demand for additional course offerings. This spring, two new cyber courses,

developed by CHHS, were approved by the law school’s curriculum committee: “International Law and Cybersecurity,” which will focus on international aspects of cybersecurity and the “Cyber Boot Camp,” which will be an opportunity for students to become familiar with basic technical issues in cybersecurity.

Conferences and Other Events

Every October, Baltimore is host to the CyberMaryland Conference where cybersecurity professionals from government, private industry, and academia meet. The two-day conference is filled with engaging presentations and panel discussions on all aspects of cybersecurity. CHHS was honored to again be selected to lead a panel at this year’s conference. CHHS Senior Law and Policy Analyst, Ellen Cornelius, covered the legal and policy aspects of securing elections and preventing misinformation campaigns. Meanwhile, Cybersecurity Program Director, Markus Rauschecker

was invited to be a speaker on a separate panel that covered “The cybersecurity of Internet of Things, autonomous vehicles, and drones.”

In March, Rauschecker was asked to be a speaker at an event entitled “Maryland City, County, and State Organizations Bring Cyber Home.” The event was organized by the Rockville Economic Development, Inc. (REDI), the Montgomery County Economic Development Corporation, the State of Maryland’s Department of Commerce and the Technology Development Corporation of Maryland (TEDCO), and the Network Alarm Corporation. The event sought to educate small and medium sized businesses on cybersecurity. Rauschecker provided an overview of the complicated patchwork of cyber laws, regulations, and contractual obligations that a business may have to confront. Attendees left the event with some practical advice on improving their overall cybersecurity posture.

CHHS IN FOCUS: Continuity Program

“Maximizing Organizational Resiliency: COOP for Public Entities”

CHHS continues to deliver its long-running, flagship Continuity Planning course: “Maximizing Organizational Resiliency: COOP for Public Entities” across the United States. On December 7-8, 2017, CHHS hosted the course for the first time at the University of Maryland Baltimore; it was attended by 35 participants -- representing federal, state, and local government agencies along with private sector companies and organizations.

In March 2018, CHHS instructors delivered this course at three different locations in North Carolina: Raleigh, New Bern and Charlotte; and in April 2018, CHHS delivered the course in Dover, Delaware.

District of Columbia City Government – Continuity Planning

CHHS Continuity Program Director Eric Oddo provides continuity planning support and subject matter expertise to DC city government agencies in a contractual capacity via the DC Homeland Security and Emergency Management Agency (HSEMA).

In 2017, he helped the District navigate its effort to achieve reaccreditation within the Emergency Management Accreditation Program



CHHS Continuity Program Director Eric Oddo presents on the importance of continuity Planning to the Maryland Government Finance Officers Association Fall Conference in October, 2017.

(EMAP). EMAP is an exhaustive compliance process to ensure that all emergency plans within a jurisdiction adhere to a strict set of standards and best practices.

Oddo facilitated 20 continuity-centric emergency exercises (including seminars, workshops, tabletop, functional and full-scale exercises) for District government agencies in calendar year 2017 and is hopeful that number will be exceeded in 2018. The premier exercise event of 2018 was the District’s involvement in the May 2018 FEMA National Level Exercise (NLE) entitled “Atlantic Fury.”

Oddo served as exercise controller/facilitator for four individual agency exercises: the Department of Transportation, DC Health, Office of Unified Communications and Department of Forensic Sciences.

Frederick Community College – Continuity Planning

Between January and April 2018, CHHS conducted a series of collaborative and comprehensive planning workshops intended to evaluate the quality and effectiveness of Frederick Community College’s (FCC) COOP program.

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CHHS facilitated a series of two workshops for each of FCC's seven departments: the Office of the President, Finance/Human Resources, Information Technology, Learning Support, Academic Affairs, Operations, and Continuing Education/Workforce Development. The first workshop identified the mission essential functions of each department and the second identified personnel requirements, resource requirements, and contingency solutions in the event of adverse emergency conditions such as the closure of campus and a 50% reduction in available personnel. The workshops were highly successful and CHHS was appreciative of the senior leadership involvement and contributions.

Maryland Government Finance Officers Association

On October 27, 2017, Eric Oddo served as a panel speaker at the Maryland Government Finance Officers Association's (MDFOA) Fall Conference. This association contains hundreds of members and consists of Chief Financial Officers across the spectrum of the state public sector. Oddo introduced the terms, concepts and methodology involved in developing a COOP program for a financial-oriented public agency.

Senior Law & Policy Analysts Maggie Davis and Netta Squires assist with the Ellicott City flooding response and recovery efforts in June 2018.



CHHS Academic Program Director Mike Vesely facilitates a Montgomery County Senior Leadership Tabletop Exercise in September, 2017.



CHHS IN FOCUS: Public Health

CHHS Staff Helps Statewide Response to Opioid Crisis

In March 2017, Governor Larry Hogan declared a State of Emergency in response to the opioid crisis in Maryland. Since that time, the state has increased its already-formidable efforts to stop Maryland opioid overdoses and deaths, and prevent future addiction. CHHS staff have been working with a number of agencies in these efforts.

The Maryland Opioid Operational Command Center (OOCC), which facilitates coordination and collaboration between the state and local levels, has been key to Maryland's progress. CHHS Senior Policy Analyst Birch Barron is the OOCC's deputy director. Senior Law and Policy Analyst Christine Gentry joined the OOCC staff in April 2018 as the Chief of Planning, and now provides strategic planning to drive response priorities and identify gaps under statewide goals, develops operational collaborative strategies and work product with state and local partners, and promote accountability by managing reporting.

Senior Policy Analyst Marianne Gibson was working with the Howard County Health Department as the Opioid Project Administrator. Gibson was brought in to help coordinate and manage opioid misuse activities across Howard County. One of her main responsibilities included coordinating and facilitating the high-level, multi-agency stakeholder Opioid Intervention Team meeting. In



Birch Barron, CHHS Senior Policy Analyst and Deputy Director of the Opioid Operational Command Center (OOCC) and Law & Policy Analyst Michael Tennison at the Alumni panel on April 13, 2018 at the University of Maryland Francis King Carey School of Law.

addition, Gibson was instrumental in developing Howard County's Opioid Crisis Response plan, which she has used to identify short-term and intermediate objectives and accompanying process measures to ensure all activities are in alignment with the County's long-term goals of reducing opioid misuse and its related consequences. Ms. Gibson was recently hired by the Howard County Health Department to work directly for the county's opioid response. We wish Marianne all the best in her new role.

Finally, CHHS Public Health Program Director Trudy Henson and Senior Law & Policy Analyst Michael Tennison worked with the OOCC to draft a report about the state's progress during the declared state of emergency, and recommendations for the OOCC moving forward.

Connecting with Alumni: CHHS Hosts Panel During Alumni Weekend

In April 2018, CHHS was proud to participate in the Carey School of Law's Alumni weekend. As part of the festivities, CHHS hosted a panel on *Maryland Opioid Response*, featuring CHHS Senior Policy Analysts Birch Barron and Marianne Gibson, and moderated by CHHS Public Health Program Director Trudy Henson. The panelists focused on their efforts in Maryland's opioid response, as well as questions and challenges that this unique crisis presents. The well-attended event drew many questions audience members, and fostered lively discussions amongst staffers and alums after the panel concluded.



CHHS Academic Program Director Mike Vesely and CHHS Program Health Director Trudy Henson traveled to Costa Rica with a delegation of University of Maryland, Baltimore students

CHHS Proudly Participates in the Carey School of Law and Berman Institute for Bioethics Roundtable

On April 11th, CHHS Public Health Program Director Trudy Henson attended the Johns Hopkins Berman Institute of Bioethics/ University of Maryland Carey Law School research retreat. The retreat, a day-long roundtable bringing together scholars from both institutions, included presentations from participants on their scholarship, and focused on future opportunities for collaboration. Henson's presentation focused on legal, justice, and ethical challenges in planning for infectious disease outbreaks.

Joint Commission Emergency Management Conference

For the first time ever, CHHS attended the Joint Commission's Emergency Management Conference in Lake Buena Vista, Florida. The two-day conference focused on the accrediting body's emergency management requirements for hospitals and related medical centers, and featured presentations from facilities that have been at the heart of some of the most gripping national headlines, including Hurricane Harvey, the Las Vegas mass shooting, and the California wildfires. Presentations focused on response successes, challenges, and lessons learned, and provided invaluable insight for CHHS' planning and exercise activities. The conference also provided an

CHHS Studies Zika Response in Costa Rica

In June 2018, CHHS Public Health Program Director Trudy Henson and Academic Program Director Michael Vesely led a group of University of Maryland, Baltimore students on a trip to Costa Rica. The trip, funded through the Center for Global Education Initiatives, was an interprofessional endeavor and included students from the schools of medicine, pharmacy, nursing, and public health. Over a ten-day period the students conducted a comparative analysis of Costa Rica's response to the Zika virus, during which time they met with representatives from the ministries of Health, Education, Environment, and others, to learn about Costa Rica's successful response to this devastating virus. The first of its kind, Henson and Vesely are hoping to establish a standing program to give professional students the opportunity to learn about public health preparedness and response in a global, inter-professional setting.

CHHS IN FOCUS: Public Health (continued)

excellent opportunity to meet with other hospital emergency planners and experts, and hear how facilities across the country are preparing for myriad catastrophic events.

CHHS Assists with New CMS Emergency Preparedness Compliance

In November 2017, the new CMS Emergency Preparedness Regulations went into effect for 17 facility and provider types. Since then, emergency management personnel have been flooded by requests for information from facilities in their area. At Montgomery County Office of Emergency Management and Homeland Security (OEMHS), CHHS Senior Law and Policy Analyst Netta Squires and CHHS Senior Policy Analyst Ashley McKibbin have created outreach materials for Montgomery healthcare facilities to educate them on emergency preparedness planning.

As part of their efforts, Squires and McKibbin were part of the core planning team for the first-ever Emergency Preparedness Planning Workshop for Montgomery County healthcare facilities. The event took place on September 27, 2017 at Montgomery County Public Safety Headquarters, and speakers discussed



CHHS Public Health Experts Kim Stinchcomb and Marianne Gibson (now a full-time employee at the Howard County Health Department) gather at the Maryland Opioid Response Panel, hosted by CHHS during the Maryland Carey Law Alumni Weekend in April, 2018.

such topics as Business Continuity Planning, Hazard Vulnerability Assessment, and Medical Surge.

Using the momentum of the workshop, Squires and McKibbin worked to expand the resources available to healthcare facilities, developing facility-specific work presentations intended to aid facilities in their emergency preparedness planning.

Squires and McKibbin are continuing their work by making information available through a

website, and creating emergency preparedness outreach materials specifically for healthcare facilities. They also developed and recorded a webinar series for Montgomery County facilities on the new CMS emergency preparedness rule.

If you or your facility has questions about the new CMS Emergency Preparedness Rule, or would like help implementing the changes, CHHS is here to help! Please contact CHHS Public Health Program Director Trudy Henson at 410.706.3531 or thenson@law.umaryland.edu.

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Boots on the Ground: CHHS Responds to Hurricanes Irma and Harvey

Last August and September, the nation watched as Hurricanes Harvey, Irma, and Maria pounded different parts of the country. In the aftermath, two CHHS members, former Senior Policy Analyst Maria Bernadzikowski, and Law & Policy Analyst Jonathan Lim, deployed to assist the victims of Hurricane Irma and Harvey, respectively.

Bernadzikowski deployed to Tallahassee, Florida, where she worked with the State Emergency Operations Center to coordinate with the Volunteer and Donations Management heads, helping to ensure resources were distributed to the Florida counties most affected by Hurricane Irma. She also supervised support under the Emergency Management Assistant Compact (EMAC) – determining assignments and tasks, coordinating with stakeholders, and fulfilling reporting requirements—and worked to provide AmeriCorps support to affected counties.

Lim volunteered to assist victims through Team Rubicon, a veteran-based response organization, and was stationed in Wharton, TX, about an hour away from Houston. There, he acted as part of a strike team, performing “muck outs” —removing debris and moldy/infested furniture, drywall, and flooring from victims’ homes and then disinfecting the

Christopher Webster, Maggie Davis, and Amy Rappole, prepared a presentation on *Declaring the Opioid Crisis an Emergency* for the American Society of Law Medicine and Ethics’ (ASLME) *41st Annual Health Law Professors Conference*. This conference is the oldest and largest of its kind, led by health law educators and intended for professionals who teach law or bioethics in schools of law, medicine, public health, health care administration, pharmacy, nursing, and dentistry. The conference provided participants updates on issues at the forefront of law and medicine as well as an opportunity to share strategies, ideas, and materials.

CHHS’ presentation explored the recent wave of emergency declarations in response to the opioid overdose crisis, and how this new approach is changing the way states respond to emerging public health issues. The use of this new emergency management focused model prompts important ethical, legal, and practical questions. Using the opioid overdose crisis as a case study, this presentation examined state emergency powers, their practical use in combating opioid overdoses, and potential impacts emergency declarations may have on combating this and other public health crises.

Typically reserved for “traditional” emergencies, such as terrorist attacks or hurricanes, emergency declarations give responding authorities broad emergency powers, some of which could prove crucial in combating the opioid crisis. Unlike other manmade and natural emergencies, however, the opioid overdose crisis is not an isolated, short-term, or geographically specific incident. It could be difficult to tell when the opioid “emergency” is over, raising legal and ethical concerns about the use of short-term emergency powers to fight a long-term battle against the impacts of opioid misuse. Additionally, many jurisdictional emergency declarations shift the response authority from public health to emergency management officials, which dramatically changes response priorities, partners, and culture. While the efficacy of using emergency declarations to reframe this crisis and response has yet to be determined, it begs the questions whether jurisdictions should take a similar approach to combat other public health issues?

CHHS IN FOCUS: Public Health (continued)



Senior Law & Policy Analyst Christine Gentry presents on the Maryland Opioid Crisis alongside Clay Stamp, Executive Director Opioid Operational Command Center (OCCC) at the Maryland Emergency Management Association Symposium on June 1, 2018.

house—and demolitions of flood victims' houses. His outstanding work led to his promotion to strike team leader, and he was also assigned to be a damage assessment team member.

CHHS is proud that our staff members dedicated their time and expertise to helping those affected by these hurricanes.

Region V Alternate Care Site (ACS) Trailer Deployment Plan

Disasters and emergencies pose grave risks to life and property, including the continued operations of healthcare facilities. From storms and utility outages to medical surges and mass fatality events, emergencies may leave hospitals damaged or overwhelmed,

and underequipped to handle their patient loads. In preparation for such risks, Trudy Henson, CHHS Public Health Program Director, and Michael Tonnison, CHHS Senior Law & Policy Analyst, are working with the Maryland Region V Emergency Preparedness Coalition to develop a plan for the deployment of resupply trailers to healthcare facilities in the region, including southern Maryland and the National Capital Region.

Region V currently has two trailers stocked with supplies and equipment for administrative, facility, hygiene, medical, and special needs purposes, including everything from staplers and spray

bottles to syringes and wheelchairs. Once CHHS's plan is complete, Region V will have the capability to respond rapidly to the emergency resupply needs of local hospitals.

The plan details the decision-making process for requesting and approving the deployment of the trailers, as well as the roles and responsibilities for managing their use and returning them to their host facilities. These functions include logistics for trailer transportation, tracking and reimbursing the use of equipment and supplies, security issues, and other areas of concern. The plan also serves as an agreement among Region V stakeholders to adhere to the policies and procedures specified.

CHHS Helps Secure the National Capital Region from BioAttacks

CHHS expertise has been instrumental in the National Capital Region's (NCR) recent efforts to assess the region's vulnerabilities in providing life-saving medical countermeasures (MCM) to its population in response to a wide-spread anthrax exposure incident. Working closely with the Public Health Emergency Planners Subcommittee of the Metropolitan Washington Council of Governments, CHHS Senior Law and Policy Analyst Clark Lee has provided extensive technical advice and assistance in all phases of the NCR's MCM response vulnerability assessment process since the summer of 2017.

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You can support our ongoing work by contributing to the **Center for Health and Homeland Security**. Our staff has grown to more than 50 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.

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- (2) Phone, by calling Jeanne Stringer at (410) 706-0585
- (3) Mail, by sending a check made payable to **UMBF, Inc./CHHS**

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