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>> Good afternoon, everyone. Welcome. We have another great webinar for you today. A very timely webinar. With hurricane Florence and sadly September 11. We advertise it as disasters happen prepared during national preparedness month. My name is Joe Pass Caskey I am with my colleague Ashley for tech support. We have our presenters today. Robin Taylor and Siobhan Blackwell. Savon is a librarian working at the national Library of medicine disaster information research Center and is the manager editor for disaster lit. A database of disaster medicine great literature for first responders and receivers Savon provides training and for presentations locating credible disaster he held information in preparation for response to an recovery from a disaster. She also manages the external communication tool of the project including social media and partnership development. Robin is a contractor offering library and support to the nationals of our -- Library of medicine she selects literature for the database of disaster medicine and public health. Robin manages the LMN DIMRC content and works with developers to continually improve the site. She also supports munication efforts such as social media and promotional materials. Before we get started in the webinar I want to walk you through housekeeping.

>> If you have any questions or comments during the presentation feel free to chat them in the chat box located in the bottom right-hand corner of your screen. I will keep track of the questions that come in and at the end of the presentation I will read them back and they will respond. We are recording today's session and will email a link to the slides and recording to everyone who register for this webinar. We will also be sending you a certificate of participation using the email used to register for today's webinar. If you need additional certificates because multiple people watch the webinar with you, please email outreach@GPO.gov and include the title of today's webinar and the names and address of those in the room. To exit full-screen mode mouse over the blue bar at the top of your screen so it does expand then click on the blue return button to get back to default view. At the end of the session we will share a webinar satisfaction survey with you. We will let you know when the survey is available. The URL will appear in the chat box. We appreciate your feedback after the session. Please keep in mind to reserve your comments about presentations. Please use the webinar chat box for questions you would like to ask and to report technical issues. If Savon and Robin screen share their presentation, you will not see the chat box in the lower right-hand corner. In that case, if you would like to ask a question, mouse over the blue bar at the top of the menu will drop-down. With that I will hand the microphone over to Savon and Robin.

>> Thank you, Joe. This is Siobhan. Robin and I will switch back and forth in the presentation. Thank you for that introduction. Thank you for the opportunity to present this is an appropriate day for our topic it is September 11. It is hard to believe that September limit 2001 was 17 years ago. I think all of us in the room can remember what we were doing. I find it very hard to believe that I was enrolled in a online program to get a library degree. I never imagined that out of that would come a job in disaster information management. It does have a lot of meaning for me. It is national preparedness month. It is great that we are having a webinar because librarians are perfect people to be involved in national preparedness month. In all aspects of the institution of preparing for disasters. I don't know if any of you are going to be impacted by any of the hurricanes or tropical storms bombarding the world right now, if you are we will give you a taste of places where you can find information. We focus on disaster medicine and public health. A lot of the information is a value no matter what type of library and you are here we like to think of you as gatekeepers to a larger community and all of you have within your institution people who are preparing your institution for disasters. One of the things we talked about is that everyone should or not necessarily have a to go bag where you have food and hygiene and water. All of those things so that at a moments notice you grab your bag and go. When we look at the typical bag we wonder what is missing. As a librarian our answer is information. There is all types of information that people need. One of the things to think about especially in disasters is evidence based -- when you

decide whether or not you should evacuate or you decide any of the things you need to do around a disaster, you are basing that on information. The information that you have on hand guides the actions you take. As librarians we want people to have the most important acclamation -- accurate information. It is important as having access to know if the road is closed on the way to the hospital or if I need to go around because there is too much snow to get to the hospital the way I normally go.

>> Today Robin and I are going to talk about DIMRC. We're going to talk about our program tools and apps and I will come back and talk about a disaster information Specialist program. Robin will give you a highlight into the information and if you are interested in learning more we have an online training program free to everyone that will give you more information we'll talk about how libraries are responding and how they get in touch with us at the national libraries medicine disaster information research Center we are focused on not just the people who respond to the emergencies but those that support them. That includes librarians we think of ourselves not as responders but responsive. Right now there is all of the hurricanes going on out in the world. Guam slid by and was not as drastically as -- struck by the tropical storm but it could have been very bad news. We reach out to the librarians that serve those communities to see what types of information they need to send out to their emergency responders or hospitals that might lose power. To the emergency managers that need to have the kinds of information we have. I have talked a lot about this. It is librarians that organize the information that we are very interested in. People can think about libraries as shelters. We know that libraries have Internet and Wi-Fi. Lots of times libraries will have community programs after an event. To help people fill out FEMA forms or have social workers come into the library. A lot of things libraries provide. Librarians, as people who organize information, we are specialist around that. We want to make sure that every piece of what goes into libraries and librarians is included and a understanding of the role of the library in disaster. Fernandez -- preparedness and response.

>> We are not the only ones who see libraries as essential community services. If you do not know about the Stafford act it is an important public law that allows for the temporary relocation of libraries there is an official designation of a disaster. If your library has been damaged you can apply for funding from FEMA and order to open your library at an alternate location while your library is closed due to damages is sustained. Within the federal infrastructure the value of the library is recognized. I know that libraries in New Jersey after hurricane Sandy hit, a lot of libraries damaged did relocate and we were able to get funding from the Stafford act. As I see Florence heading right for North Carolina I'm good imagine that no one from North Carolina is on the call or along the coast because they are all in their cars evacuating at this type -- time. If you know them let them know about the Stafford act. When we talk about disaster health information what do we mean? It is easy to think about the disaster health information around things like the hurricanes or if there is radiation or a chemical spill we can think about those being within the scope of the topics we cover. We want to make sure that people understand we also include the public health disasters. Infectious disease outbreaks that is the type of information we focus on and organize. We focus on different kinds of topics like coping with disasters and the ethics of disasters. During these he got out break or a bola when there is a vaccine being developed how do you test the vaccine? You have an ongoing epidemic. If you think it works can you ethically not give it to everyone or what are the ethics of giving it to everyone if it is not fully tested and we do not know all of the potential long-term outcomes of getting that type of vaccine. There is a lot of ethical and legal concerns that surround disaster medicine in public health. We take a look at that as a topic as well. The information is everywhere as we all know. I feel like the woman in the middle is me. Not everyday but days like today. That is how I feel. I know Robin feels the same way but what we try to do is take all of that information and organize it in useful meaningful ways. The library also does preserve the digital information. We have a history of medicine division in the library. Would they do not do it for all every event or every topic. Those pages were changing all the time so in a year we had over 100 guidance documents come out from the CDC alone. They would put one up take it down put one up take it down. Libraries are

interested in the history of the guidance and how it emerged and what made changes happen. 10 years from now someone can go back and say -- the library is involved in all aspects of disasters and Robin and I will focus on the part where libraries can find and use information to prepare and respond. What we do in order to do that we identify the source first. We have authoritative professional noncommercial sources that we have identified. The CDC and WHO. State and local health departments. There are many organizations and agencies we have identified. So we have a list of sources where within that source we can take a look at the documents and material they publish. We select from within those sources. It makes it easier for us to do our job. I am sure many of you have heard of the CR AP test credible reliable authoritative -- current reliable authoritative and point of view.

>> One of the things in the library that we want to make sure we do is not to duplicate the work we do. There is a peer-reviewed scholarly literature. The library has a database called pub med. We do not duplicate the collection work of pub med but what we have talked about in our bios. Since that area of literature is so well covered by different part of LMN we focus on the gray literature. I'm going to turn it over to Robin. Let her give you a taste.

>> Thank you, Stefan -- Siobhan. I will get into more detail about specific products and tools. We will start with our home to -- homepage. This is your information toolkit this is a recently redesigned website that we are proud of. We like the way it looks and we have the information is easier to find. At the top in the black bar you will see our navigation. Taking different sections of the website. There are a few highlights here in the carousel. Below that you will see the disaster lit. You can type directly in the search box and search disaster lit from the homepage. They continue to refine your search in the disaster lit section which I will also show you. On the right-hand side you can see links to three tools we have produced here at LMN to help responders deal with hazardous materials. So we hope it is a -- well organized and hope you find everything. There is a team of six people behind this website. Three of which are librarians. We working hard behind the scenes to get the information out so people can find it.

>> Here is a close-up on the website. You can see this is what it looks like if you are looking to the site and hovering over special topics. It will drop down and you'll see inside pages on special topics. As Siobhan said you can imagine what is under natural and man-made disasters. Infectious diseases are a little more clear-cut. Here are some of the most popular pages. The disaster apps and coping with disasters along with children with disasters are the top ones. To the left is infectious diseases. We have some pages from specific outbreaks like the Ebola outbreak in 2014. We also have other pages that are more general. Under natural man-made disaster we have tornadoes hurricane earthquakes wildfires and things like that. The disaster information Specialist program is something Siobhan will talk about. If you're not familiar with these terms which I was not, has met you may know that is hazardous materials and CBR in E is chemical biological radiological nuclear and explosive. Sometimes you see it with EE and sometimes with out. We have pages in the section about chemical, radiological and biological incidents. I'm going to focus on information guides. The things you would find under special topics, infectious disease, natural man-made disasters and severity pages. Here are some screenshots of what you might find in a information guide. We picked hurricanes. That being current. At the top of the information guide if you are familiar with live guides -- lip guide it is a page designed to get you started in researching a topic. On the left side is the screenshot and the first section is an overview which has links to major organizations that will have solid background information. Everything on this page will be about hurricanes but below that you will find some topics. Blade that you see preparedness, cleanup, Siobhan just put the link in the chat box if you feel like looking through it on your own. What you will see in each setup it is two boxes disaster lit and pub net. What you're seeing in each box are the two current top results. These are life searches for that topic pub med on the right is going to be the index literature and on the left you will see the gray literature resources from disaster lit. Those are the top two but you can click on more. You can edit the search terms if you so desire. If you clicked over to pub med -- I'm

guessing a lot of them are familiar with pub med being a librarian but in case you are not pub med is the top of the. Married from Siobhan slide and has 28 million citations. This is a old screenshot. Many of those point to pub med central which are our articles available in the Texas freely available. All the records are indexed with the LMN subject heading.

>> I forgot to mention that at the bottom of the information guide there are two small sections. One would be multilingual resources from LMN. LMN has a product called heart -- health reach and materials provided in multiple languages along with English translation to help healthcare providers work with refugees and immigrant populations where English is not their first language. Below that we have quick links to resources for the general public. There we think we link to LMN MEDLINEplus. If you're not familiar with MEDLINEplus it is consumer oriented and language for the general public. A contains topic pages on various diseases and conditions. Other subjects as well as linking out to materials appropriate for the general public. You will not find peer review articles here unless they are written in plain language. It is intended for the patient care giver and the type of audience. Most of ethanol resources are available in Spanish as well. Moving on. Something that we are highlighting more recently is contents and indication. If you are not familiar with it the basic explanation is you can get a snippet of code to put onto your webpage and it pulls a live content from our website and puts it on your webpage so every time we update our page your page is updated automatically. This is available from the Department of Health and Human Services. And as part of LMN which is part of NIH which is part of HHS. We have syndicated some of our top pages on the HHS syndication storefront. There are two ways to find this content. Why would you be interested? Maybe you have a page about hurricanes for your area and you want to provide information to your patrons about hurricanes. Instead of gathering your links or copying or pasting something you can embed this snippet of job to script on your page and it would pull the most updated information directly to your page. If you wanted that there are two ways to find it. On the left is a screenshot of the hurricane page and to the left of that page is a box called syndication and I have highlighted the link to the storefront. That will link to the hurricanes page where you can grab the code you need. Or you can go to the syndication storefront and search. I know there are some resources syndicated. If you would like to narrow to our resources type disaster and once you find the page you want to syndicate this is what it looks like in the storefront. These note that you have to have an account. You'll get a brief version if you do not have an account. It is free just sign up and login. You will see some brief metadata about the page and the right you will get a tiny preview and below that there is an embed code snippet. Not a job description that you would want to copy and paste. Below that you can get a bigger preview of what the content will look on your page. It is job description as I mentioned it has the file stripped out to adopt the styles of your page.

>> If you want to see more there are links on that slide. I see Siobhan is putting links in the chat box for you to follow. Moving back to disaster lit which we mentioned a couple of times. This is a closer look. As explained it is full of links to great literature which may include training modules, guidelines, conference proceedings, reports and more than that. Right now we have just a simple search. Somebodies or just for a seeker and it will understand the operators and understand only records that will include Zeke and child. You can see which are in our record here. Record number one jurisdictional operations. The format will tell you what to expect and what you will find a PDF or video. We have someone who writes annotations for us describing them so you know what you will find. The direct URL for the item, Arthur's car type training material, or whatever type of resource it is. Access notes as there are other links relevant to that resource. Like the presentation available in English and Spanish. Additional URLs will be in this field as well as any notes if it requires free registration. Lastly is our unique identifier. If you click on it it would be a link directly to this record if you would like to share with someone. You can see that church terms are highlighted if there are sentiments for those in the database the sentiments will also be highlighted. If you want to see things only from the CDC or American pediatric's you can see both or restricted. -- Restrict it. There are over 15,000 records in disaster lit now. In addition to that information

we also have tools and apps we have produce. These are for first responders and healthcare providers to support disaster preparedness and response. The three are called wisier, cam, and RAM. Wisier is wireless information system for emergency responders. A tool to help first responders respond to a hazmat incident. It can be used as preparedness or en route to an incident. KM is chemical hazard and REM is radiation hazards. This is full of reference materials. There are some triage algorithms and the ERG 2016 and WMD response guidebook. It also includes part of the CEM database but not all of it. >> CEM is included in the app. Wisier is online or download it to your laptop or has as a nap -- at. -- app. This is when we have an unknown chemical incident and they can observe people to help identify what the chemical might be. It uses an algorithm to narrow down the possibilities to assist treatment options. CEM is from chemical incidents. These are mass casualty chemical incidents. This will affect a lot of people. This can be used for training or [NULL] and training -- preparedness as well as response during an event. Third is REM which is radiation incidents. There are some educational modules you can learn more about patient management and that type of thing. For preparedness or for on-site not knowing what to do to respond to an incident you can use this for guidance. If you are curious about apps those were attended for first responders. Most of you are probably not first responders but our webpage under special topics the first one is called disaster apps. This is one of our number one webpages. We have all different types of apps lift -- listed. Responder support and safety, psychological help, all the American Red Cross apps along with surveillance alerts and family reunification. The last section is apps for disasters and libraries. We have two apps in that session one is the library funds -- floods at -- and the ERS emergency response and salvage app from the national Center for preservation technology and training. I see someone has asked about if these are free and I should've been repeating that all along. All of these things that we have added are all free available to the public online. In some cases you may need to register but there is no cost to you. I believe that is the end of my presentation. I will pass it back to Siobhan.

>> Thank you, Robin. We realize we have given you a lot of information. We do not expect that you will walk away from here saying wow I'm going to run over to the emergency management team because it is a lot. It takes a long time for us to incorporate this knowledge. We have incorporated a disaster information Specialist program. It is meant for librarians but also anyone interested in the information management around disasters and public health emergencies. We wanted to identify what roles librarians can have and all the phases of a disaster and to help you build capacity to respond and be responsive to these events as they are occurring. Florence is pounding areas with rain. Many people live in Virginia where we hear about parts of Virginia that have to evacuate. We want you to be able to say you have a role in helping people responding to events in the community and you have a program you have developed. There are courses -- I am going to share my screen.

>> We are not seeing anything right now just a greenish block.

>> Are you sharing your application or desktop?

>> I will just go back I know what happened. Sorry about that. Thank you for letting me know.

>> Try again . Expect when I share my Firefox everything is blurry so I opened the Explorer but you could not see it. I would just go back. There are several courses. We have a simple class in the basics. What Robin and I have talked about except it is a three-hour course instead of trying to get it to you in 25 or 30 minutes. It is online. You go to the page and read the screen and there are interactive questions. Hit the next button and move along at your own pace. We really like the layout of the courses. We have included a couple of courses from FEMA because we think it is important for librarians to understand the language of disaster response. For example, there is a national incident management system. It is good for you to know what that system is. Disaster response is very hierarchical and military and nature of. The first person on the scene is the incident commander no matter what. As other people show up with different levels of expertise roles will change and shift. There is a public information officer role in the system that librarians are perfect for. We have courses besides the basics and the FEMA courses

which include a seat at the table. Working with local responders. Understanding the international context. We have a class on the chemical biological radiological nuclear and explosives. You could say I am interested in a set -- certain topic and take a look at one of the courses. You can go ahead and get the certificate if you are really interested. We are really happy with it. We have just as many librarians as emergency managers. That is the great thing. Often times they often see the value of the library. We have webinars just like the one you are attending except they go through the national Library of medicine. We have one September 20 for planning with disasters. Continuity of operations planning. See OOP. You can have all of the information in the world but if your library is not open and you do not have a backup plan on how to keep information flowing then it doesn't matter that you know everything. So how do we plan for this continuity of operation? And then we have a bibliography that I find incredible. We cannot even put all of the articles that we find that highlight what librarians are doing in response to disasters. It is just so full. Right now the big topic is on the opioid crisis. And several states have declared health emergencies around the opioid crisis. Because the opioid crisis has been declared a public health emergency it comes into our scope. Many public librarians are having to learn how to treat over diverse victims when you went to library school that was probably not something -- it is really an inspiring page to look at. Here are some of the articles I was just talking about with the opioid crisis. If you would like to continue to stay informed we have highlighted our website. We do have a twitter handle because a lot of information through social media -- is through social media. We have a email listserv you can join or we have a version where we just send information out to people. Want to talk about the regional medical libraries. There over eight regional libraries across the country. You can find where your region is at. You can find where your region is @Tran04.gov. It will be on the FPL T website and it is on LMN.gov. Find out where your regional library is and often times they do in person training and after funding. They have information and right now there is information on hurricane Florence and we have worked with the regional medical library which is the southeast medical region where they are gathering all the information not just run health information but situation reports. Rings they are putting on a blog. If you are on their listserv you are receiving that information. They are a great organization and contracted through the national libraries of medicine to be the little national Library of medicine branch library throughout the country. If you like to get hold of Robin or I hear is our contact information. We would love to hear from you. We are happy to see questions in the chat box and thank you for giving this opportunity to S this month during national preparedness month.

>> Fantastic webinar. Unbelievably timely. Any questions for Siobhan or Robin?

>> It is a lot to take in will be presentation be available on the Academy website? Guess it will. -- Yes it will. Any other questions? My colleague Ashley just put a satisfaction survey form into the chat box. Please fill that out. I will have to talk to off-line Siobhan. I would be interested in how you put together your certificate program. And the mechanics of that.

>> I just put in the chat box the link to the southeast regional library so Barbara if you want to email Robin arrive for link -- links we would be happy to send you more information. Please email one of us. Jane Canfield who does webinars for us and even those of us who have dealt with disasters like Maria in Puerto Rico -- Jane learned a lot today that is how effective your webinar was.

>> Thank you.

>> Barbara mentioned my city is doing a disaster preparedness this weekend so much information which will be wonderful for the city to have. That is great.

>> Daniel must say I must confess first time we had detailed talk on disaster management. A lot of good shutouts here. I should probably going to wrap up comments but while I'm doing so keep the questions and comments coming in. Ashley is also going to put in the FT LP Academy and there is an article by Scott Pauly on all the things at TLP Academy does. Ashley will put a link to that in the chat box. Let me think Siobhan and Robin for a fantastic webinar. Everyone learned a lot today. Thank you to the audience. Don't forget upcoming webinars. We have one more webinar scheduled for September. The

next one is September 12 tomorrow which is entitled using the DOE data Explorer to find DOE funded research data. In October we have the lives of possible Lord or -- depository library and Institute on October 10 and 11th in the afternoon. And the big federal suppository laboratory -- library conference October 22-24. A lot of virtual programs if you cannot make it to Washington. Not all but a good number. You will receive notice of all of our upcoming webinars when announced if you sign up for our news and events email service. At FT LP.com from the FT LP -- FTLP.gov you can view a calendar and upcoming events and link to a web form to volunteer to present a FTLP webinar. I'm sure there are many in the audience who could do a great webinar. Please give it some serious thought. Digital go back is a good addition. That is interesting. Many great shout outs and thank youse. What that I will close things out. Thank you Siobhan and Robin and to the audience. Please come back to the FTLP Academy . Come back tomorrow we will have another great webinar for you.

>> Thank you to everyone who attended. Thank you, Joe.

>> [Event Concluded]