

MENTAL Challenge Webinar #3 Transcript

Good afternoon. We'll be starting in just a few minutes. We would like to welcome you all to the Mobilizing and Empowering and Technology to Address Loneliness (MENTAL) and social isolation, also known as MENTAL, Health Innovation Challenge Webinar #3. I am Lori Gerhardt and I work with the Administration for Community Living Office of Interagency Innovation. During today's webinar we will hear from two of our partners, overview updates to the MENTAL Health Challenge, demonstrate the MENTAL Health Challenge platform and team gallery, and address any questions you may have. A few housekeeping note before we start. The link for closed captioning will be shared via the chat feature. All audio will remain muted throughout the webinar, but we encourage you to use the chat feature for any questions you may have throughout the webinar. Please feel free to chat in questions or comments as the session continues. When doing so please select to send your message to all panelists. Lastly, a recording of the session, along with the slides, will be made available following the session and posted on the [ACL.gov/mental](https://acl.gov/mental) website and on the Mental Health Challenge one on challenge.gov. This is our third informational webinar. Recordings, slide decks, and transcripts for the July 9 webinar and the July 30 webinar are located at the acl.gov/mental and also in the resources section of the MENTAL Health Challenge on challenge.gov posting. I would like to introduce our Principal Deputy Administrator Mary Lazare. Mary?

Thank you Lori. For all of you on the call today, thank you for joining us. I will share a couple of brief comments about ACL. The Administration for Community Living, along with the Office of the Assistant Secretary for Health (OASH), both from the Department of Health and Human Services, are partners, along with the Federal Communications Commission, the Veterans Administration, and the Consumer Technology Association Foundation. Together we have issued this prize challenge, titled MENTAL Health. And MENTAL is an acronym for Mobilizing and Empowering and Technology to Address Loneliness and social isolation. So this Challenge is designed to bring forth, for public-facing and benefit, a technology platform that will serve as a clearinghouse for resources, programs, and products matched to the needs and capabilities of the person needing support to mitigate the impact and feelings of social isolation and loneliness. We learned with our research prior to issuing this prize challenge that there are resources out there, but people do not know where to access them or what is available. So the outcome of this challenge is to help resolve those issues of where to go and what is available, and match those needs and capabilities. Knowing that isolation negatively impacts our health – that is certainly why OASH has joined ACL in the challenge. You've heard from Dr. Dorothy Fink as well as Dr. Lee Stades in previous webinars. So today, I welcome leadership from the representatives of our other partners. First I would like to introduce to you Eduoard Bartholome, who is an Associate Bureau Chief in the Consumer and Governmental Affairs Bureau at the Federal Communications Commission, where he leads the Commission's Education and Outreach effort, along with the Consumer Complaints and Inquiries Division. Prior to joining FCC, Ed spent 10 years as the Executive Director and CEO of Call for Action. He is a graduate of the University of Maryland and he worked to broaden CFA's network of 25 media affiliate outlets to include radio, TV, and print. He is also a former chair of the FCC Consumer Advisory Committee. At this time, Ed, I would like to introduce you to everyone and have you take over to provide comments. Thank you.

Thank you, Mary for the introduction and the opportunity to present on today's webinar. If you want to advance those slides to the ones I provided. The FCC is delighted to be a partner agency for this important challenge. Social isolation and its downline impacts are more for many more acute today than ever. The SEC is an independent federal agency responsible for implementing and enforcing American communication laws and regulations. In effect, we regulate communications by radio, television, phone, satellite and cable - the tools we all use to stay connected. The Consumer and Governmental Affairs Bureau where I work develops and implements the FCC consumer policy and serves as the agency's connection to the American consumer. Our portfolio comes is disability rights, consumer education, and outreach to state, local and tribal governments as well as consumer complaint dispositions. The Challenge is focused on finding ways to fight social isolation or social disconnection. As we all learned in recent months, connectivity especially broadband access, plays a vital role in the ability to stay intact with family, friends and other resources. The FCC plays a critical role in connecting Americans through policy initiatives focused on advancing the deployment of the next-generation communication technology in order to provide mitigation services to all Americans including the most vulnerable populations.

SEC Chairman Pai's top priority is in closing the digital divide. Over the past few years the FCC has made special funding available to telecommunication providers seeking to deploy broadband in underserved areas through programs like the Rural Digital Opportunity Fund and the Connect America Fund. The agency is also focused on digital opportunity data collection and plans to improve the existing broadband mapping data so it better reflects who has access and who needs to be connected in order to better target future funding. Beyond wireline communications, the FCC is also pursuing a comprehensive strategy to ensure Americans have access to 5G wireless services. The strategy includes three key components: pushing more spectrum into the marketplace to provide for greater connectivity and lessen network congestion; updating communication infrastructure policy for deployment of towers and fiber; and modernizing regulations based on older technologies and processes.

And all of this work, accessible communications is a key area of focus so that all Americans can avail themselves of the connections the network brings. 2020 is a special year. Last year we celebrated the 30th anniversary of the Americans with Disability Act. This legislation requires phone and voice companies to provide a nationwide system of interstate and intrastate telecommunication relay services that allows individuals who are deaf, hard of hearing, deaf/blind, or have speech disabilities to use telecommunications to communicate with others in a manner functionally equivalent to that of users without disabilities. The slide includes many of the FCC has evolved to include over the last 30 years. 2020 marks the 10th anniversary of the 21st-century Communication and Video Disability Act., a law that contains groundbreaking protections to enable people with disabilities to access video, broadband, digital, and mobile innovation. The FCC continues to refine its rule to keep up with the fast-paced development of new technologies, such as automatic speech recognition, video conferencing, and real-time tests, and is committed to ensuring the right of people with disabilities to communicate with others directly, independently, and effectively.

In recognition of the critical role innovation plays, the FCC created the Chairman Award For Advancement in Accessibility principles and also supports innovation through its Accessible Communications For Everyone Initiative. It seeks to break down barriers to communication

services through collaborative efforts of software developers, engineers, technologists, and organizations within the disability community. The slides have links to these programs and I encourage you to visit these sites to learn more about those specific efforts. One additional note on accessibility, I ask that you please keep it in mind as you design your portal.

The FCC also oversees two important programs that help low-income individuals overcome isolation by obtaining communication services and equipment. These programs can provide a gateway to the vast library of resources isolated individuals will be able to access through the Challenge's winning portal. The Lifeline program acknowledges the safe health implications of not having access to communications services typically provides a \$9.25 monthly discount on service for eligible low-income subscribers. Subscribers may either receive a Lifeline discount on either a wire line or wireless service. Lifeline also supports broadband internet service and broadband voice bundles. Consumers must have an income at or below 135% of the federal poverty guidelines or participate in certain federal assistance programs such as the Supplemental Nutrition Assistance Program better known as SNAP, or Medicaid. Low income individuals living on tribal land where communication service subscriber rates are the lowest in the country, a possible precursor to social isolation, the benefit is increased to \$34.25. More information about the program, including how to apply can be found on lifelinesupport.org.

Another important program is the National Deaf Blind Equipment Distribution Program, or iCanConnect. It is also income-based and provides people with both significant vision and hearing loss with free equipment and training. Available equipment includes smart phones, tablets, computers, screen readers and braille displays. iCanConnect is a national program with local contacts that helps people stay connected with friends, family, and the world at large. More information about this program can be found at iCanConnect.org. Without a connection or the equipment needed to use that connection, many of the online resources available are irrelevant and inaccessible. I encourage you to include information about Lifeline and iCanConnect in the tools you develop. For many, they may provide the gateway to all the other resources you aggregate.

Another important area of overlap in the SEC and goals of this Challenge is telehealth. Social isolation can contribute to a host of health conditions, and the potential for reduced access to care can be a challenge for many who are isolated, especially during the pandemic. Connected care services lead to better health outcomes and significant cost savings for patients and healthcare providers alike. The FCC can establish a Connect To Health Task Force and is preparing to launch a Connected Care Pilot Program. The program will build upon the efforts on the existing role healthcare program. The FCC is partnered with VA to promote and provide connected care services to Veterans, one of the focus groups for the MENTAL Challenge. As part of the CARES Act the FCC oversaw the distribution of \$200 million to the COVID-19 telehealth program. To help healthcare providers provide care to services patients at their homes or mobile locations in response to the pandemic.

This slide has information about consumer health resources. Our complaint center and outreach team. We encourage you to get in contact with those if you have additional questions or we could be of help with anything. I appreciate the time to present today and look forward to continuing to support this important challenge.

Thank you for your presentation and information. You are such a great partner in this challenge. I would like to introduce Stephen Ewell, who is the Executive Director of the Consumer Technology Association Foundation, which is a charitable foundation with the mission of linking seniors and people with disabilities with technology that enhances their life. The CTAF supports programs provides independent support. They support vital connection for people across the country. Steve graduated from Drew University with a BA and earned his MBA and Masters of Science in Information and Telecommunication Systems from Johns Hopkins University Carey Business School. He serves on the advisory council for the center for inclusive design and engineering in enhancing neurocognitive health networks, community abilities and engagements at Cornell. Steve, we would like to turn it over to you for your presentation.

Thank you, Mary. We are excited to be here. We are excited about this challenge and the opportunities to find new solutions for addressing social isolation and helping people get connected.

As a little bit of background the Consumer Technology Association Foundation is a charitable foundation. We're a 501c(3). We are affiliated with a trade association, the Consumer Technology Association, that represents over 2000 technology companies. Anything from the large global brands that most people know to 80% of the members are small businesses. That includes many startups as well. It is probably best known as running CES, which is a large trade show bringing innovators from around the world. The CTA Foundation was created as a way for us to give back on behalf of the industry.

Our mission is to link seniors and people with disabilities with technology to enhance their lives. We saw this as an important mission when we launched the foundation eight years ago. In two growing demographics and areas we did not feel got the same attention as other philanthropic endeavors. We've had the opportunity to work with a number of different programs and help to promote some of the innovation that can use of technology to address the needs of the population. We are always excited to see new challenges and solutions that can come forward.

I listed a number of different groups we worked with. Everything from disability organizations and blindness, hearing loss, mobility and cognitive space to organizations working with the aging population. These are just a few of the groups that we've worked with over the last few years and are working with currently. We really see some great opportunities to continue to develop the conversation to address social isolation. I am excited to see what all of you will create when we move forward with this challenge.

Here is some of my contact information. Feel free to reach out to us at CTAFoundation.tech, but otherwise I'm going to turn it back over to Mary. I'm excited to see the innovations that come forward from the MENTAL Health Innovation Challenge.

Thank you, Steve. The foundation has been incredibly supportive through Steve and helping to develop the challenge. Thank you, Steve. And for all of you on the phone we have a little over 136 registrants for this webinar. 60 organizations and/or individuals who have registered on challenge.gov for this challenge. There is lots of momentum. We appreciate your interest. This challenge had more interest and reviews than any other challenge in the past month. Thanks to

all of you for your interest and Lori Gerhardt, thank you for providing this opportunity. I would like to again thank our speakers for their contributions for today and turn it back to you, Lori.

Thank you, Mary, and thank you to Ed and Steve for a great overview of the work of our partners and their interest in this challenge. We have updated the MENTAL Health Innovation challenge on challenge.gov with some additional information to help clarify what we are expecting for Phase 1. When you look at challenge.gov we do have some of the information here that we've changed do you can see some of the changes that we've made. We changed the title of Phase 1 to be to Plan And Design A Social Engagement Clearinghouse Interactive Prototype. The word that was added was interactive. Then we added these requirements for submission. Describe interactive prototype which may be created from wireframe tools or functional code. If using wireframe tools the interactive prototype may be in low-fi or hi-fi. A link to the interactive prototype is preferred and alternatively, a PDF version that is interactive is acceptable. The second requirement we added or clarified was a three-page max concept paper describing the technical design. The word technical was added before design. Functionality of a social engagement clearinghouse interactive prototype document as a PDF. The description should include the user experience, inclusive of how accessibility needs are addressed. Preferably cite or include WCA G2 point know conformance plans and the interactive prototype. Technical designs to tradeoffs made between functionality and implementation feasibility.

The other Phase I submission requirements that we added include a self-audit of the social engagement clearinghouse interactive prototype that includes which WCA G2.0 criteria are met and why those were chosen and a plan for maximum conformance WCA G2.0 level AAA.

We've also made changes to Phase 2 title and submission requirement. Phase 2 should include the pilot and test of the social engagement clearinghouse Alpha. This would be an alpha version of the clearinghouse. Submission requirements that we added include screenshots of the social engagement clearinghouse alpha that was piloted. A written description of the screenshots with sufficient information to understand the functionality of the social engagement clearinghouse alpha. We changed the word wireframe to screenshot for phase 2. A publicly accessible URL like through which a self-walk-through of the alpha can be performed. A three-page max self-audit of the social engagement clearinghouse alpha conformance to the WCA G2.0 A, AA, and AAA. Specify which criteria are met, and why those were chosen. Also describe any future plans for maximum conformance with WCAG 2.0 AAA. Finally, the additional item added in Phase 2 is a security self-audit, which would be a three-page max self-audit of the clearinghouse alpha in conformance with the OWASP Top 10 Proactive Controls 2018 and indicate future plans for remediating any gaps in conformance.

We also made some updates to the rules. We added a section called technical rules. The solution shall be a web-based application and public Internet accessible common web browser. An additional route was added for accessibility. The solution shall comply with section 508 standards, and conform to either WCAG 2.0 Level A, AA, or AAA. Security: the solution shall follow the OWASP Top 10 Proactive Controls of 2018. While all 10 controls are important and complementary to web application security, particular attention should be given to C3, C7, and C8. We have the web link then too to the OWASP Top 10 Proactive Controls for your access on the Challenge and also on the slide

The last update more clearly articulated the intellectual property of submissions and we added that to the terms and conditions. That language really articulates that the solvers and participants can utilize any intellectual property developed prior to this challenge as part of their submission. Neither the US Administration for Community Living nor the US Health and Human Services Office of the Assistant Secretary for Health nor anyone acting on their behalf will retain any rights of intellectual property developed prior to or during the context of the challenge without the prior written consent of the participant. By participating in the challenge the participant is not granting any rights of patents, patent applications or copyrights related to the technology described in their submission. However, by submitting the entry the participant is granting the US Administration for Community Living and the US Department of Health and Human Services Office of the Assistant Secretary for Health and any parties on their behalf certain limited rights set forth in the challenge. You will see those outlined. That gives us the right to review the challenge, to share it with our judges and to be able to have them review it. Also the ability to post the challenge. Post the winning solution or link to it on the US Administration for Community Living website including the challenge website, the Office of Assistant Secretary Of Health and at the Department of US Health and Human Service website, the US Department of Veteran Affairs website, the Federal Communications Commission website, and any partner websites and inclusion of participant submissions and any other media worldwide. Specifically the authority to include the right to copy, distribute, or publicly display or publically perform all parts of the submission. The ability to demonstrate the submission. Intellectual property rights remain with the solver, or the original owners of the intellectual property.

We are working with our contractor, Skild, and before I turn to Michael I would like to ask Dennis Koo, who is the technical advisor, if there was anything you would add or updates to the challenge?

Thank you, Lori. I think you did a great job covering all of the additions we wanted. Just want to add that my goal is to specifically help advise and provide clarity around the technology. We set out to try to improve the challenge language so that it is more palatable to a technologist. We thought about the software lifecycle, security, accessibility and all the ways technologist would think about it. We tried to improve the language to provide as much clarity and specifics on the expectations. We hope that would be helpful for all of the solvers out there. We welcome any questions and feedback. And any way that we can help improve providing you with more guidance on the technical front.

Now I would like to introduce Michael Timmons who is the the Vice President for Customer Experience at Skild. Michael will provide a demonstration of the MENTAL Health Challenge platform and the tool available for teams to collaborate. We are excited to be at this stage of the challenge. I am really eager to showcase these tools to you today. Without further ado, I would like to introduce Michael Timmons.

Hello, everyone.

Whenever you are ready to register for the challenge we created a special destination URL – that is mentalhealth.innovationchallenge.com. You can see that on the slides. When you come to this page you will see a general banner. We would need you to register so you click on the register button. Below that you will see a registration form. This is some basic information. The team captain for your organization will be the first person to come in and fill out general information about themselves on the registration form. Once you complete that you will hit submit. Then you will check your inbox for the email where you will have a validation link that you will need to click. When you click on the link it will bring you back to the page and you will log in using the email and password you created in the registration process. I am going to login now.

Once you have registered you will come into the platform and see additional information about the challenge. As the challenge progresses we will add information in the quick links section. You can click on them and read information and you will have access to the rules. On the right is where we have the application form. All the information Lori was talking about in terms of what you are going to be required to submit is going to be collected here on this side. You can see there are several different elements that we are going to ask you to fill in and check some boxes. And then upload some materials. You will be able to do that as long as the registration period and submission period are open. You can see this little circle will let you know how many days are left until the submission period closes. The team leader will be able to invite team members to access this and be considered as part of the submission. When you login you click on add a team member. And you can add a logo or picture of the team and describe the team here by editing these. All you have to do is click on add a team member and then put on the name and email address of the person you want to invite with a little message. When you save it, our system will then send a message to that person through email. So they will click that link to register. Once they are registered they will be considered part of the team. You will login and see the entry form. I believe we are only allowing the team captain to edit and submit that form.

I also wanted to show you the teams gallery. In addition to the platform, we created a special public gallery that will display the names of all of different teams that have registered for this challenge. As you fill out the entry form that I showed you in the other window information will be pulled and placed into this team's space. That information is a way to demonstrate who is participating and give you the option to potentially collaborate with other teams. You can see that in our sample that we language that collaborations are welcome. Any team looking for someone to fill in some of the gaps that they might not have can advertise that here. Once you complete the information, if you click on any of these, we will see your logo. There will be a description of your team and solution. So you will have the freedom to describe who you are and what you are about. You will be able to include an email address so that other teams could contact you for potential collaboration. If you want to put in the URL to a website you created you can do that as well. On the entry form there are checkboxes that essentially include all the different options that you may need or may have in terms of your solution. When you add them you will see that, in the case of the sample team, they have the elements already, but they need people organizations that may be able to offer these things. If you are looking to collaborate you can use the filtering system where you can say you are interested in seeing teams and need a particular element. It will filter those and then display them below. That is located at mentalhealth.innovationchallenge.com/teams, that will point you to the team's page and it will

route you to this particular URL. As teams become registered we will continue to grow this page. You can check back often to see you who is participating and what they are offering and what they may need help with. If you have any questions you can email Lori or me directly. I am michael@skild.com.

Take you, Michael for that demonstration. We encourage everyone to being to enter their team information on the platform. You should have received an email with that information. If you've registered, you should have receive a link to the platform.

I believe we can move on to the next slide to begin answer questions. We do have a couple of questions that have come in.

I'm going to ask the first question. During the last webinar we learned that ACL would be working as an implementation partner. What can you tell us about the implementation partner? What will their role be?

This is Kelly, can you hear me?

I can hear you.

Do you want me to go ahead and respond to that?

Just to reiterate, the question we have been receiving is what can we tell you about the implementation partner and what their role will be. Similar to what we had previously expressed and just to clarify, this will be a neutral entity that will be in alignment with what ACL and our partners and what they want to achieve around the goals of the challenge. It will not be a large technology company to bring this to scale. It's not a technical role to implement. We are really looking for a partner that will be teaming up with a winning solution. It will be establishing a hearing committee or governance structure that will bring all stakeholders together to ensure that we can together come up with a scaling strategy. And also a way to sustain the effort and operations over time. It will be a multi-stakeholder governance group that will be convening to develop that sustainability strategy. To figure out what kind of revenues will be achieved to sustain this effort over time.

At this point that clarifies what the role of the implementation partner will be.

Thank you, Kelly. We also have another question that has come in. What constitutes a team member on the application? Can a senior center or director who loves the product we rolled out and wants to continue advising us beyond the application even if they are not officially part of the organization?

This is a four-part question. Would such a person be in alignment with No Wrong Door Systems and if not what would constitute going through the No Wrong System and how does having someone like a director or someone on a AAA aging affect the evaluation? There is a last question on the stands on its own. What constitutes a team member on the application?

I'm assuming the first two questions address the issue of who are the members of the team in a way. We envision a lot of different types of organizations coming together to try to solve the

challenge because it requires a lot of different types of expertise: knowledge of social isolation, how to develop algorithms, how to develop the technical aspects of the clearinghouse, user centered design. There are a lot of different types of expertise in addition to having a partner you could pilot with. We would envision each of those different types of organizations coming together to be part of a larger team. So you could together try to solve what will be a solution that will be rolled out nationally. One of your team members may have a local or regional presence, we intend for it to be a nationwide solution. If a senior center or Aging and Disability Resource Center were to be part of the team and part of the pilot in phase 2, that would be terrific, to be part of the team. So they can be with you on the application process. Anyone involved in developing your solution you can consider a team member.

Thank you, Kelly. I think there have been questions about getting in touch with a No Wrong Door System and there is a resource on the challenge.gov website posting to connect to contacts at every one of the states and territories. If you are having challenges to connecting with a No Wrong Door we encourage you to email the MENTALHealthChallenge@acl.hhs.gov email. We will be glad to help to try to facilitate a connection.

Is September 8, the final day for both registration and submission of phase I?

I think that it can be. You can register anytime between now and September 8. In order to be part of the phase I process you have to be registered and you have to do a submission by September 8.

The deadline for submissions for Phase 1 is September 8 11:59 PM EDT. Also, the registration is due by that date. It is important. And that is the submission for this challenge. We anticipate to select up to three solutions to move into phase 2 out of the pool of phase I submissions. We encourage everyone to make their submission by September 8 at 11:59 EDT. We did get some technical questions. I do not know if Dennis will be available to answer these questions.

Certainly.

What happens to the international intellectual property of my submitted solutions?

Good question. The simple answer is that the solver will take all the rights to all the intellectual property. With that said, we did update some information on intellectual property on the website. That is worth a read. Essentially they retain all the rights to their property but as part of the submission into the competition there will be judges, eyes, and other publicity around it.

What is expected in regards to the expected in regards to the matching algorithm?

The matching algorithm within the clearinghouse, as you can imagine, can play a pivotal role in the user experience and effectiveness of the solution. Ideally, ACL's seeks for the solver implement a fully automated scalable solution but also recognizes that we can be effective having human involvement. That is the long way of saying it is possible to implement manual solutions as you work towards a more automated, scalable solution in the long run. An automated, scalable solution may involve more algorithm that are more sophisticated to be able to scale and perform the exact match and may ultimately rely on machine learning in the long run. Again, we think that having training data by manual intervention will be helpful and that it

will help with bias detection and mitigate against other issues that are known, prone to machine learning. We recognize that the matching algorithms that might be in place might span a wide variety of solutions and we welcome all of them.

The third question around technical components. What are the interoperability use cases?

One of the things we strive for is as much openness as possible. As many of you have read in the challenge background we have a lot of inefficiencies as a result of disparate systems. Openness is key. I can cite at least two key use cases where interoperability and are going to be important. One is the ability to push and pull user data with the listing partner. That will allow the ecosystem to be much efficient in terms of the data being the feedback loop. It is desired that the user expressly allow for that type of data sharing with each partner. We want to be sure to preserve data privacy. The second use case is having a partner API for listing partners to self-maintain and update the listing information within the social engagement clearinghouse.

I would like to check-in with Falyn and Kristen at the Lewin group who support us with these webinars. Are there any more questions in the chat?

Not on my end. Thank you.

We also have an additional question for Michael.

There were about booking meetings. Can you speak to that?

Emails will be sent out from our marketing team to enable people to do personalized bookings with any questions that they have. I can ask Laurie to describe what those sessions will be but there will be emails with times to enable people to book directly to have those meetings.

Be on the lookout for that email. If you are interested in a 30-minute session with the challenge team regarding this challenge to ask any specific questions or share any information that you may want to share about your challenge, we will make ourselves available. The email will have a link to include how to select a time to work with you to meet with us. We welcome those opportunities. It's really helpful to get your feedback and your questions. It informs how we could make the posted challenge a little clearer on what we're expecting. So please keep your questions coming. They are very helpful.

I will ask you one more time for any questions. If you have questions, please into them in the chat.

We are not getting any questions. I would like to ask and thank -- first of like to thank leadership at AC: Mary Lazare, Kelly Cronin, the whole leadership team here for the support with this challenge. I would like to extend great appreciation to Ed Batholome at the Federal Communications Commission and his team for the support of this challenge. I would like to thank Stephen Ewell at the at the Consumer Technology Association Foundation for the partnership and the presentation today. And also offering CES 2021 to feature the winning prize solution and also the top two finalists. We would also like to thank our colleagues at Sklid and the Lewin group for your support of this challenge. And the team at ACL that put this together.

Finally we would like to thank the participants and the solvers for your interest in this challenge. Hearing your innovation and ideas to help tackle this pressing challenge in our country to help people be socially engaged and connected and get them connected to solutions that are already in the market place and help them be more socially engaged. Thank you. Watch email for updates to this challenge. Also please email us if you have any questions. We encourage everyone to start to populate their team information on the platform also to use the tool for collaboration. We expect the winning solution will have a very diverse team and include all of the various areas of expertise knowledge on their team. We see collaboration as a powerful tool in addressing this challenge. Thank you all and have a wonderful day.