

Mobilizing and Empowering the Nation and Technology to Address Loneliness & social isolation (MENTAL) Health Innovation Challenge

August 12, 2020



Agenda – August 12, 2020

- I. Welcome & Introductions
- II. Opening Remarks
- III. Challenge Updates
- IV. MENTAL Health Challenge Application Platform
- V. Questions



WHO WE ARE?

- Formed with the enactment of the Communications Act of 1934, the Federal Communication Commission (FCC) is an independent federal agency responsible for implementing and enforcing America's communications laws and regulations. The FCC regulates communications by radio, television, phone, satellite, and cable—the tools we use to stay connected
- The Consumer and Governmental Affairs Bureau (CGB) develops and implements the FCC's consumer policies and serves as the agency's connection to the American consumer. Our mission includes disability rights, consumer education, and outreach to state, local and Tribal governments as well as consumer complaint disposition



CONNECTIVITY & COMMUNICATION

Policy Priorities - [fcc.gov/about-fcc/fcc-initiatives](https://www.fcc.gov/about-fcc/fcc-initiatives)

Bridging the Digital Divide

- Rural Digital Opportunity Fund
- Connect America Fund
- Digital Opportunity Data Collection

5G Fast Plan

- Pushing more spectrum into the marketplace
- Updating infrastructure policy
- Modernizing regulations



ACCESSIBLE COMMUNICATIONS

American with Disabilities Act & Telecommunications Relay Services:

- Title IV of the ADA directed the FCC to ensure that [Telecommunications Relay Services](#) (TRS) are available to individuals with hearing and speech disabilities in the United States
- TRS has evolved to include text-to-voice TTY-based relay services, speech-to-speech relay services, captioned telephone service, Internet Protocol (IP) captioned telephone service, IP relay service, and video relay service

Twenty-First Century Communications and Video Accessibility Act ([CVAA](#))

- Significant update to our nation's telecommunications protections for people with disabilities

Accessible Communications for Everyone ([ACE](#))

Chairman's Awards for Advancement in Accessibility ([Chairman's AAA](#))



FCC PROGRAMS

Lifeline – lifelinesupport.org

- Supports wireline or wireless services and as well as broadband
- Provides a monthly subsidy, that in some cases can provide service offerings that are free of cost when applied
- Increased subsidies for service provisions on Tribal lands
- Income based – 135% of federal poverty guidelines, or enrolled in Medicaid, SNAP

National Deaf-Blind Equipment Distribution Program ([iCanConnect](#))

- Eligibility based on disability status and income
- Provides for access to communications equipment
- Provides for training on equipment use



CONNECTED CARE

Telehealth – fcc.gov/telehealth

- **Connect2HealthFCC Task Force:** exploring the intersection of broadband, advanced technology and health, engaging with a wide array of stakeholders, and further charting the broadband future of health care—serving as an umbrella for all FCC health-oriented activities to help enable a healthier America.
- **Connected Care Pilot Program:** study how connected care could be a permanent part of the Universal Service Fund by making available up to \$100 million of universal service support over three years to help defray eligible health care providers' costs of providing telehealth services to patients at their homes or mobile locations, with an emphasis on providing those services to low-income Americans and veterans.
- **COVID-19 Telehealth Program:** Distributed 200 million to help health care providers provide connected care services to patients at their homes or mobile locations in response to the pandemic.



FOR MORE INFORMATION

Email requests to:

outreach@fcc.gov

Consumer Help Center

fcc.gov/consumers

Consumer Complaints

Informal Complaints

[Consumercomplaints.fcc.gov](https://consumercomplaints.fcc.gov)

1-888-Call-FCC

**Consumer Affairs
and Outreach Division**

fcc.gov/outreach

Last updated on August 14, 2020

Consumer Technology
Association™

Foundation

**MENTAL Health
Innovation Challenge**

August 12, 2020



Stephen Ewell
Executive Director
CTA Foundation

CTA Foundation © 2020

Consumer Technology
Association™
FOUNDATION

Consumer
Technology
Association™



Consumer Technology
Association™
Foundation

Mission

“Linking seniors and people with disabilities with technology to enhance their lives”



AARP Foundation
For a future without senior poverty.



The Arc
For people with intellectual and developmental disabilities

benetech
TECHNOLOGY SERVING HUMANITY



BYTE BACK



Cyber-Seniors
Connecting Generations



front porch

F.Y. EYE

HKNC
Helen Keller NATIONAL CENTER
for Deaf-Blind Youths and Adults

Institute for Human Centered Design

iTN America
Dignified transportation for seniors



LIGHTHOUSE
FOR THE BLIND AND VISUALLY IMPAIRED

Lutheran Services in America

MASSACHUSETTS ASSOCIATION
for the
Blind and Visually Impaired
CONFIDENT LIVING WITH VISION LOSS

MEALS ON WHEELS AMERICA



OATS
Older Adults Technology Services

SeniorNavigator
A VirginiaNavigator Website



Consumer Technology
Association™
Foundation

Thank you!

Steve Ewell
Executive Director
Consumer Technology Association Foundation
CTAFoundation.tech
@CTAFoundation / @sewell2

Challenge Update

Submission Requirements

- **Phase 1—Plan and Design a Social Engagement Clearinghouse Interactive Prototype**
 - Describe Interactive Prototype which may be created from wireframe tools or functional code. If using wireframe tools, the Interactive Prototype may be in Lo-Fi or High-Fi. A link to the Interactive Prototype is preferred, and alternatively, a PDF version that is interactive is acceptable.
 - A three-page MAX concept paper describing the technical design and functionality of the Social Engagement Clearinghouse Interactive Prototype document as PDF. Description should include the user experience, inclusive of how accessibility needs are addressed. Preferably, cite and/or include WCAG 2.0 conformance plans in the interactive prototype. Technical design should demonstrate tradeoffs made between functionality and implementation feasibility.

Challenge Updates

Submission Requirements

- Phase 1 continued
 - A self-audit of the Social Engagement Clearinghouse Interactive Prototype that includes which WCAG 2.0 criteria are met and why those were chosen.
 - A plan for maximum conformance with WCAG 2.0 Level AAA.

Challenge Update

Submission Requirements

- **Phase 2—Pilot and Test Social Engagement Clearinghouse Alpha**
 - The 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.
 - A publicly accessible url link through which a self-walkthrough of the Social Engagement Clearinghouse Alpha may be performed.
 - An Accessibility Audit. A three-page max self-audit of the Social Engagement Clearinghouse Alpha conformance to WCAG 2.0 Level A, AA, and AAA. Specify which criteria are met, and why those were chosen. Also describe any future plans for maximum conformance to WCAG 2.0 AAA.”
 - A Security self-audit. “A three-page max self-audit of the Social Engagement Clearinghouse Alpha conformance to the OWASP Top Ten Proactive Controls 2018. Indicate future plans for remediating any gaps in conformance.

Challenge Updates

Rules, Terms & Conditions

- **Technical Rules**

- **Platform**: Solution shall be a web based application, and public internet accessible using a common web browser.
- **Accessibility**: Solution shall comply with Section 508 standards, and conform to either WCAG 2.0 Level A, AA, or AAA.
- **Security**: Solution shall follow OWASP Top Ten Proactive Controls 2018. While all ten controls are important and complementary to web applications security, particular attention should be given to C3, C7, and C8.
- **Security**: Highly recommended to follow “OWASP Top Ten Proactive Controls 2018.” While all ten controls are important and complementary to your web applications security, particular attention should be given to C3, C7, and C8.
<https://owasp.org/www-project-proactive-controls/v3/en/0x02-about-project.html>

- **Intellectual Property of Submission added to Terms & Conditions**

MENTAL Health Innovation Challenge Platform

- What is the MENTAL Health Challenge Platform?
 - A technology platform that registrants will use to submit information about their team and solution.
 - To start, please visit: mentalhealth.innovationchallenge.com
 - Provides an opportunity to collaborate/match with other teams.
 - To access, please visit: mentalhealth.innovationchallenge.com/teams

Questions



Additional feedback or questions about this challenge can be sent via e-mail to MENTALHealthChallenge@acl.hhs.gov

More Information at [Challenge.gov](https://www.challenge.gov)



The screenshot displays the Challenge.gov website interface. At the top left is the Challenge.gov logo with the tagline "Government Challenges, Your Solutions". A search bar is located at the top right. The navigation menu includes "Home", "About", "Blog", "Agency Toolkit", and "Archived Challenges". The main content area features the Department of Health and Human Services logo on the left and the challenge title "Mobilizing and Empowering the Nation and Technology to Address Loneliness & social isolation (MENTAL) Health Innovation Challenge" on the right. Below the title is a brief description: "Develop a software platform that increases awareness of, access to and use of social engagement technologies and programming to help curtail the impact of loneliness and social isolation." A "CHALLENGE DETAILS" section is expanded, showing the following information:

- TOTAL CASH PRIZES OFFERED:** \$750,000
- TYPE OF CHALLENGE:** Technology demonstration and hardware, Software and apps, Analytics, visualizations, algorithms, Ideas
- PARTNER AGENCIES | FEDERAL:** Department of Health and Human Services Office of the Assistant Secretary for Health, Department of Veterans Affairs, Federal Communications Commission
- PARTNER AGENCIES | NON-FEDERAL:** Consumer Technology Association Foundation
- SUBMISSION START:** 06/23/2020 07:15 AM ET
- SUBMISSION END:** 09/08/2020 05:00 PM ET

On the left side of the challenge page, there is a "Page Contents" section with links to "Description", "Prizes", "Rules", "Judging Criteria", "How To Enter", and "Point of Contact".