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OCTOBER 27, 2021



DISCLOSURES



The following SLIDES do not represent or endorse the views of any organization, group, product or entity.

Some of the following
SLIDES are based on the
use of technology from the
lived experience of Keris
Myrick
(@KerisWithaK)

Photo: Kristin Jordan 2018

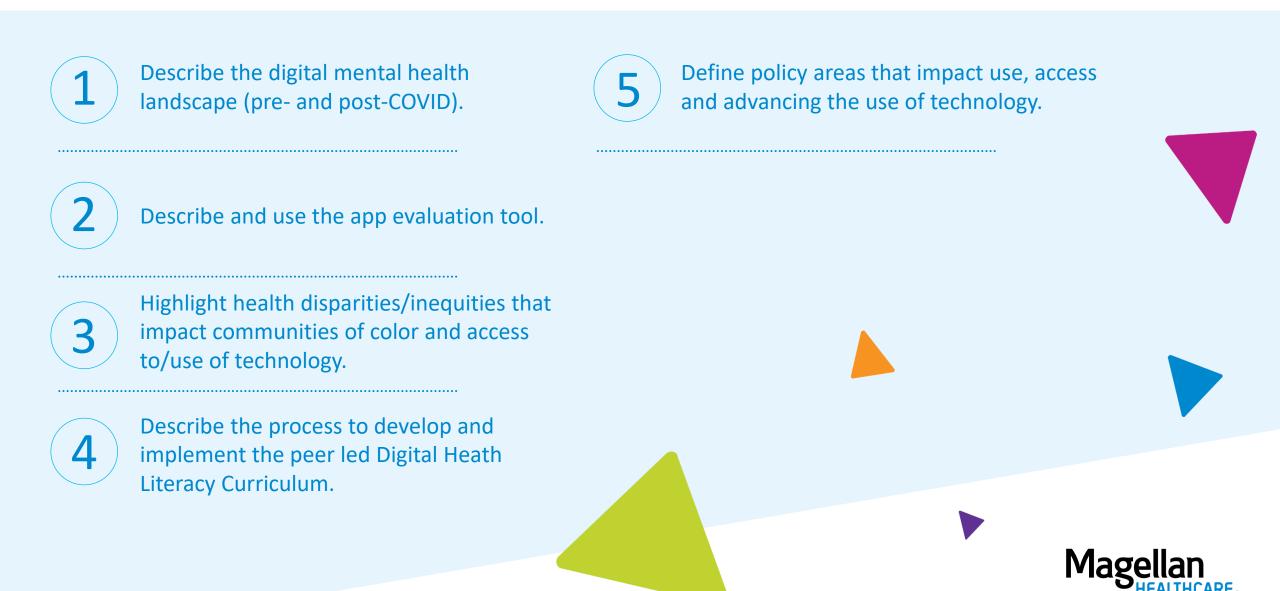
This webinar is for educational purposes only and not a substitute for speaking with your doctor. Find Magellan contact information here: https://www.magellanhealthcare.com/contact/.

If you are in an emergency situation, you should do one of the following:

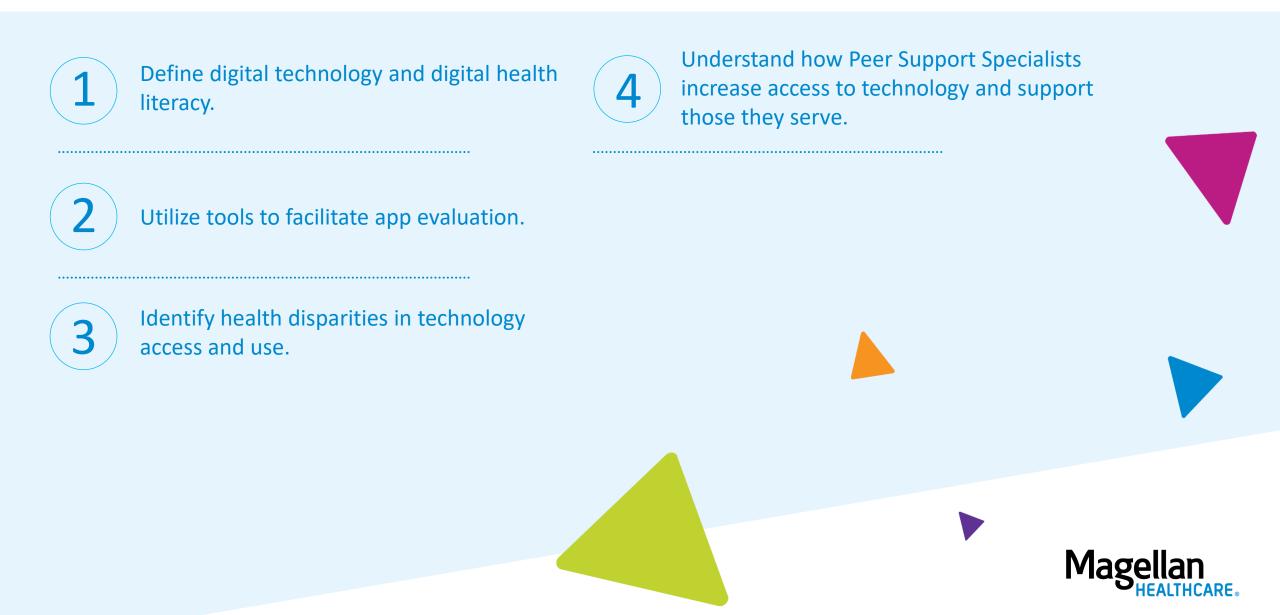
- 1. Call 911
- 2. Go directly to an emergency room
- 3. Call your doctor or therapist for help



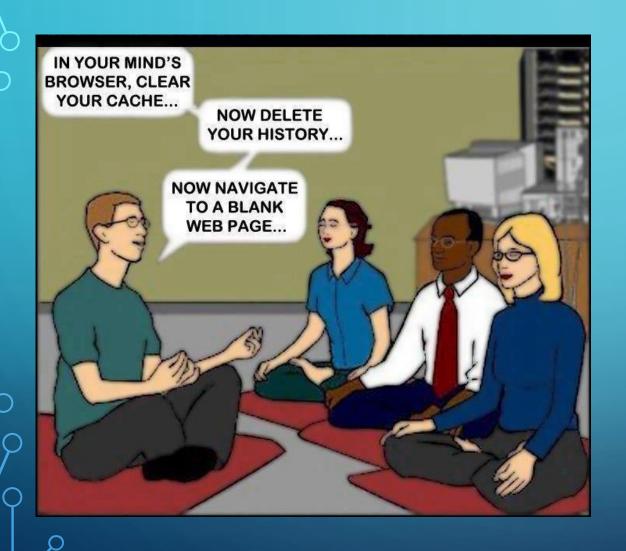
Agenda



Learning objectives



Mental Health and Wellbeing in the Digital Age



Cellphones have become
"such a pervasive and
insistent part of daily life
that the proverbial visitor
from Mars might conclude
they were an important
feature of human anatomy."
- Chief Justice Roberts, 2014



How many digital devices do you use?

- □ 1-3
- **4-6**
- ☐ More than 6

How many digital devices do you use for your emotional wellbeing/mental health?

- □ 1-3
- □ 4-6
- ☐ More than 6

WHAT IS DIGITAL HEALTH TECHNOLOGY?

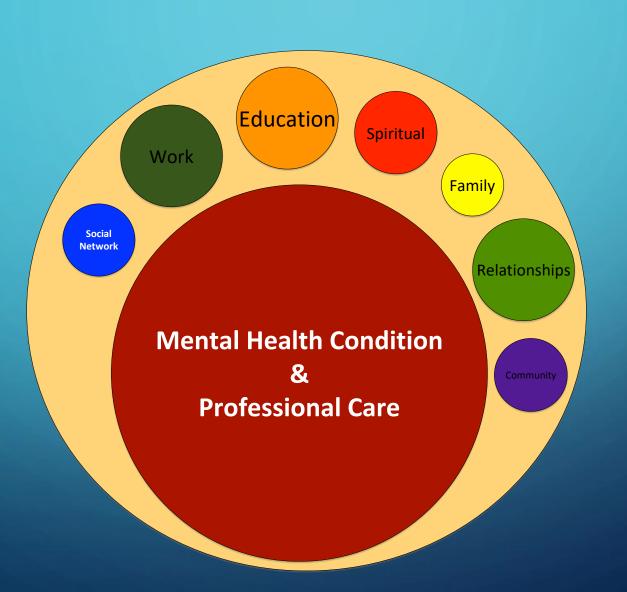
The broad scope of digital health includes categories such as mobile health (mHealth), health information technology (IT), wearable devices, telehealth and telemedicine, and personalized medicine

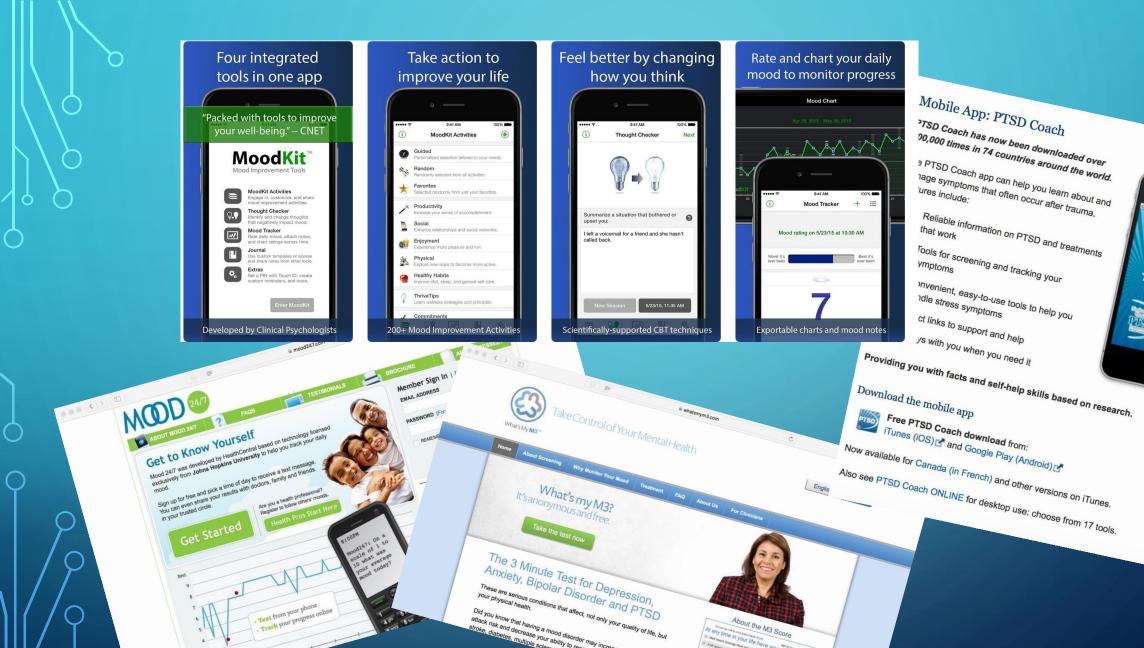
https://www.fda.gov/medical-devices/digital-health-center-excellence/what-digital-health



Source: http://hitconsultant.net

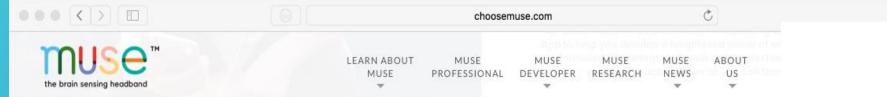
"I WANT A JOB, A HOUSE AND A SOCIAL LIFE"





Did you know that having a mood disorder may increase your heart attack risk and decrease vour ability to recover from other illnesses in Did you know that having a mood disorder may increase your heart attack risk and decrease your ability to recover from other illnesses like

About the M3 Score



Muse makes meditation easy.™

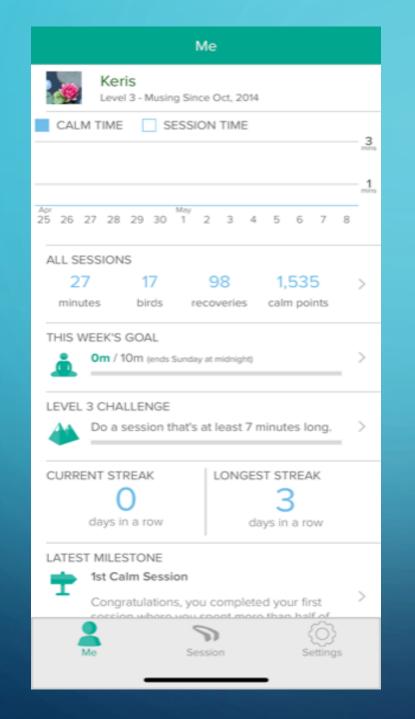
Muse: the brain sensing headband will elevate your meditation experience. It gently guides your meditation through changing sounds of weather based on the real-time state of your brain. This allows you to obtain a deeper sense of focus and motivates you to build a highly rewarding practice. Meditation has been scientifically shown to reduce symptoms associated with stress, depression and anxiety as well as improve focus, performance and quality of life.

- · Learn the essentials of focussed attention meditation
- · Soundscapes include Beach, Rainforest, Desert and others*
- · Milestones and rewards to keep you motivated
- · Create multiple accounts and share with family and friends
- End of session results and graphs help measure progress
- · Exercises contributed by meditation experts to help you learn

"Soundscapes vary across Apple and Android devices









Milestones



1st Calm Session

2 years ago



Congratulations, you completed your first session where you spent more than half of the time in a calm state of mind.

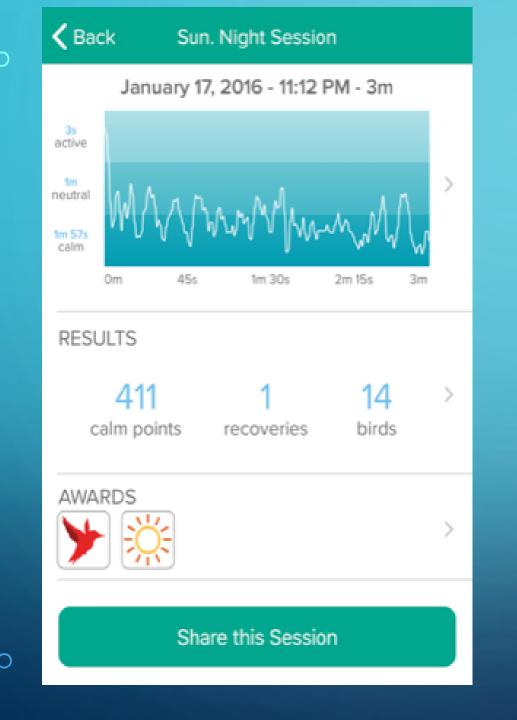


1-day Marathon: 12 minutes!

2 years ago



You set a new personal record for most time spent training in a single day.



✓ Me Challenges



Do a session that's at least 7 minutes long.

Princeton University researchers recently showed that feedback from brain-sensing technology can improve attention.

Sound familiar? Muse's weather feedback alerts you to your distractions and helps you build the skill of focused attention, but it takes time.

Are you comfortable with longer sessions yet? Your next challenge is to complete a session at least seven minutes in length.

COMPLETED CHALLENGES

2 ✓ Get 1000 points.

✓ Do 4 sessions in 1 week.

FOCUS ON APPS

Smartphone Itself

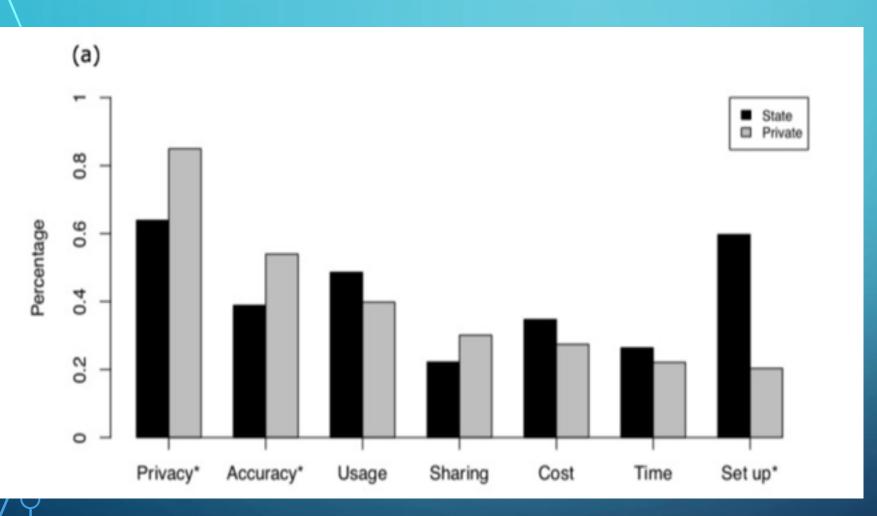
- Reminders
- Goal Tracking
- Social Connections and Support
- Hope Box
- Emergency Support
- Find Resources

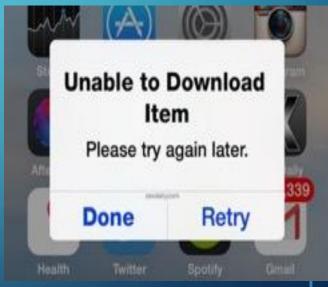
Apps

- Learn and Practice Skills
- On Demand Mindfulness
- CBT Tools and Suites
- Track Experiences
- Connect to Clinical Teams
- 1000s of others!!



IN THE PALM OF YOUR HAND?

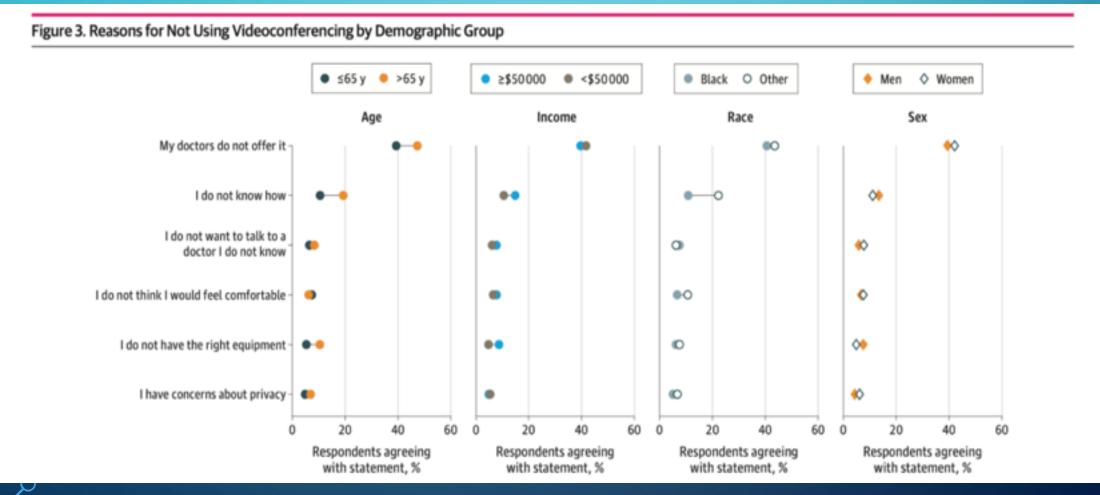




Torous J, Wisniewski H, Liu G, Keshavan M. Mental health mobile phone app usage, concerns, and benefits among psychiatric outpatients: comparative survey study. JMIR mental health. 2018;5(4):e11715.

ON YOUR SCREEN?

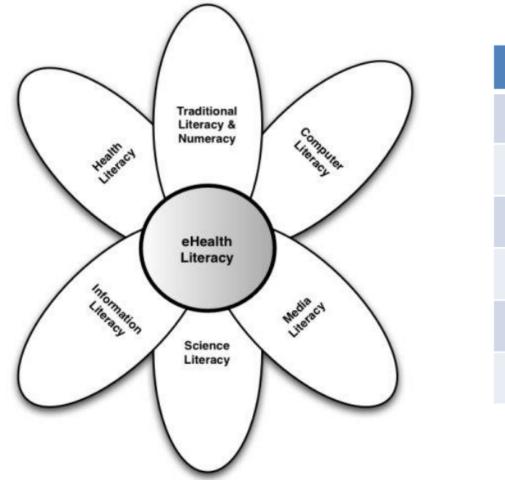
#1 Barrier is now...



Fischer SH, Ray KN, Mehrotra A, Bloom EL, Uscher-Pines L. Prevalence and Characteristics of Telehealth Utilization in the United States. JAMA network open. 2020 Oct 1;3(10):e2022302-.

Digital Health Literacy

 Digital health literacy (or eHealth literacy) is the ability to seek, find, understand, and appraise health information from electronic sources and apply the knowledge gained to addressing or solving a health problem.



Variables influencing Digital Health Literacy Age Health status **Educational background** Digital literacy skills Motivation for seeking information



When things were very bad his soul just crawled behind his heart and curled up and went to sleep

— Maya Angelou —

AZ QUOTES

Siri I'm depressed

Tap to Edit

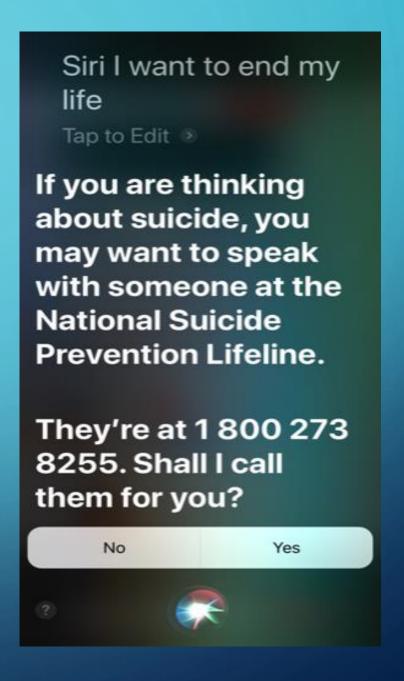
I'm very sorry, Keris.

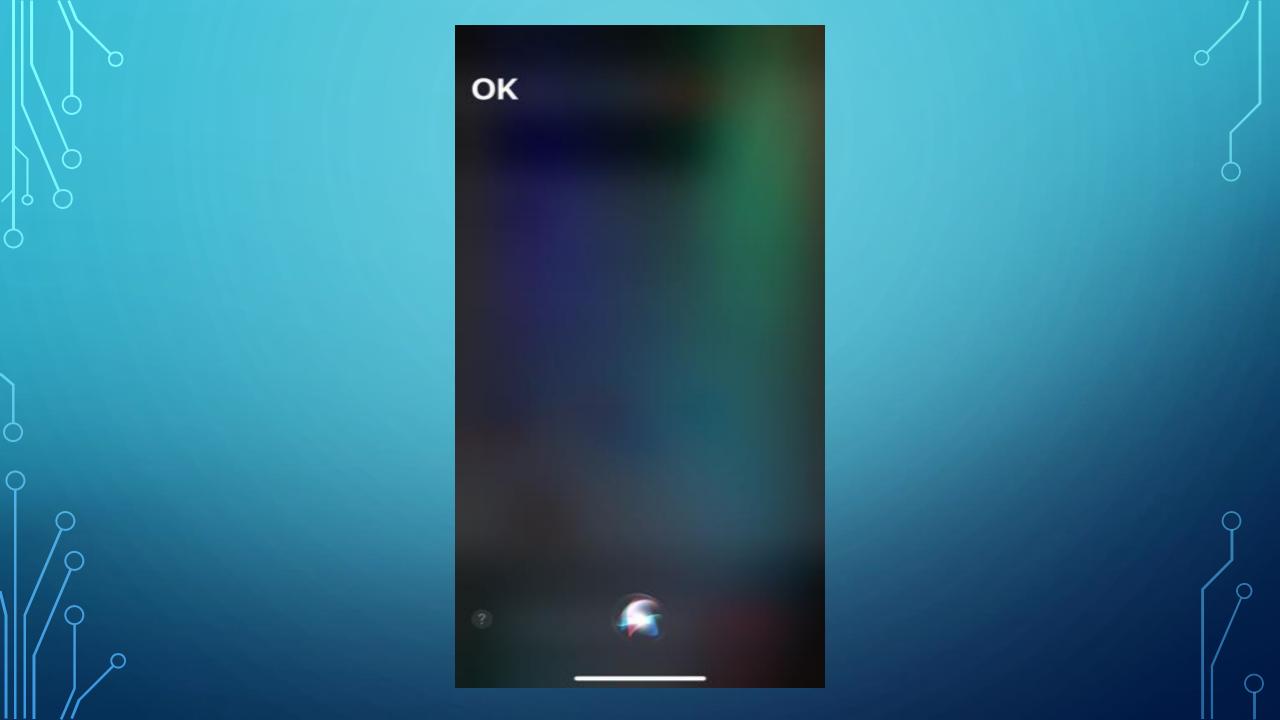
Maybe it would help
to talk to someone
about it.

Who should I talk to you

Tap to Edit

Who, me?









◆ WSJ NEWS EXCLUSIVE | TECH

Apple Is Working on iPhone Features to Help Detect Depression, Cognitive Decline

Company is working with UCLA, Biogen to see if sensitive data like facial expressions, typing metrics could signal mental-health concerns

By Rolfe Winkler

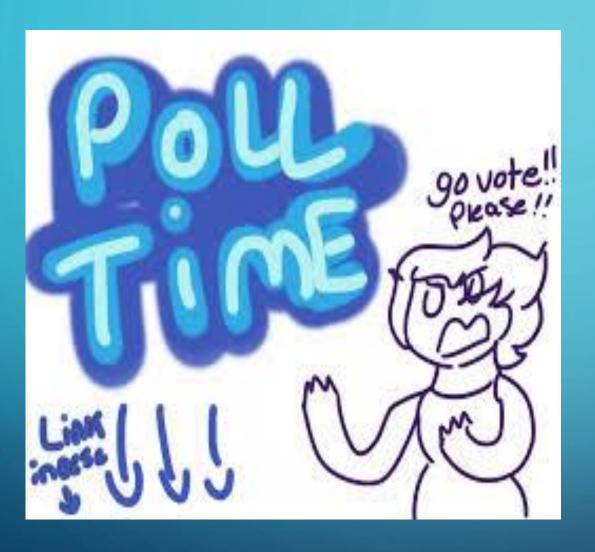
Updated Sept. 21, 2021 1:07 pm ET



Listen to article (2 minutes)

Apple Inc. is working on technology to help diagnose depression and cognitive decline, aiming for tools that could expand the scope of its burgeoning health portfolio, according to people familiar with the matter and documents reviewed by The Wall Street Journal.





How many mental health apps were there pre-COVID?

- **□** 5,000
- **□** 7,000
- □ 10,000+

How many mental health apps are there now?



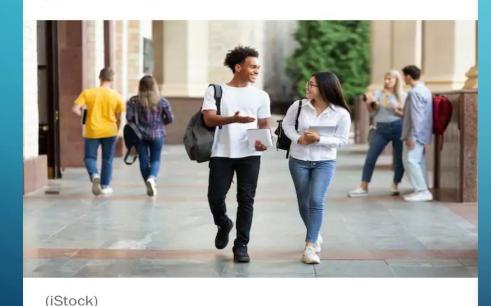
The Washington Post





Education

Colleges want freshmen to use mental health apps. But are they risking students' privacy?



"Last year, the Institute for Science, Law and Technology analyzed the privacy policies and permissions of hundreds of mobile medical apps. It found that only 38 percent had privacy policies pre-download, so consumers couldn't determine what was going to happen with their information. The available policies were often difficult to locate and challenging to understand."

"Consult not your fears but your hopes and your dreams.

Think not about your frustrations, but about your unfulfilled potential.

Concern yourself not with what you tried and failed in but what is still possible for you to do."

-Pope John XXIII



DEEP DIVE INTO APP EVAL



Teaching How to Match a Person to the Right App

Technology in Mental Health

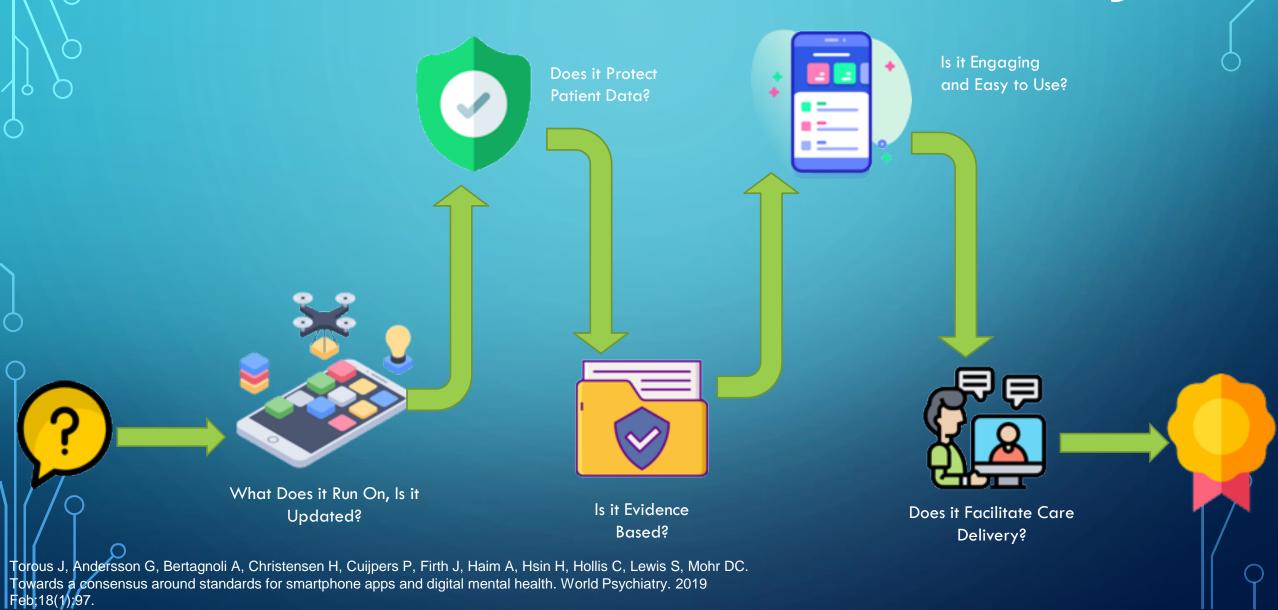


Mental Health App Evaluation: Updating the American Psychiatric Association's Framework Through a Stakeholder-Engaged Workshop

Sarah Lagan, B.S., Margaret R. Emerson, D.N.P., A.P.R.N., Darlene King, M.D., Sonia Matwin, Ph.D., Steven R. Chan, M.D., M.B.A., Stephon Proctor, Ph.D., Julia Tartaglia, M.D., Karen L. Fortuna, Ph.D., L.C.S.W., Patrick Aguino, M.D., Robert Walker, M.S., C.O.A.P.S., Michelle Dirst, ... See all authors

Published Online: 22 Apr 2021 https://doi.org/10.1176/appi.ps.202000663

Not a Score but a Journey



GUIDING PRINCIPLES

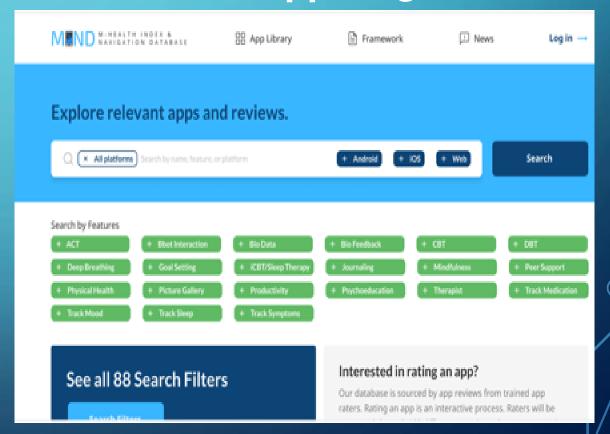
- Individual preferences and value guide app choice, making subjective metrics less standardized.
- What is a set of **objective** and **replicable** questions about an app?
- What does "Ease of Use" even mean? Whose value judgements are being imposed. What cultural assumptions are being made?

APP EVAL RESOURCES

APA App Eval



MindApps.org



https://www.psychiatry.org/psychiatrists/practice/mental-health-apps/the-app-evaluation-model

EXAMPLE LEVEL

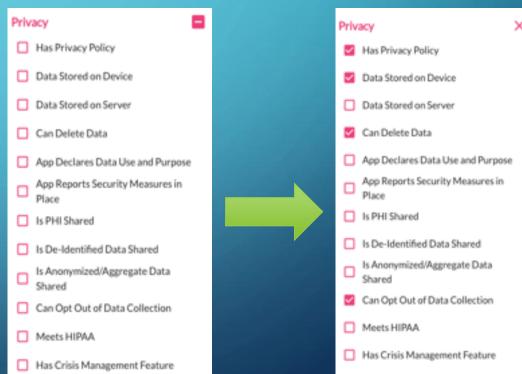
Privacy Risks Are Common

Mental Health Apps: Evaluation of Privacy Practices



Is Your App Sharing YOUR data?

• FROM 400 apps -> 30 apps



Aug 13, 2020, 03:10pm EDT | 2,535 views

Coronavirus Might Worsen The College Mental Health Crisis: Can Apps Help?

Jessica Gold Contributor (i)

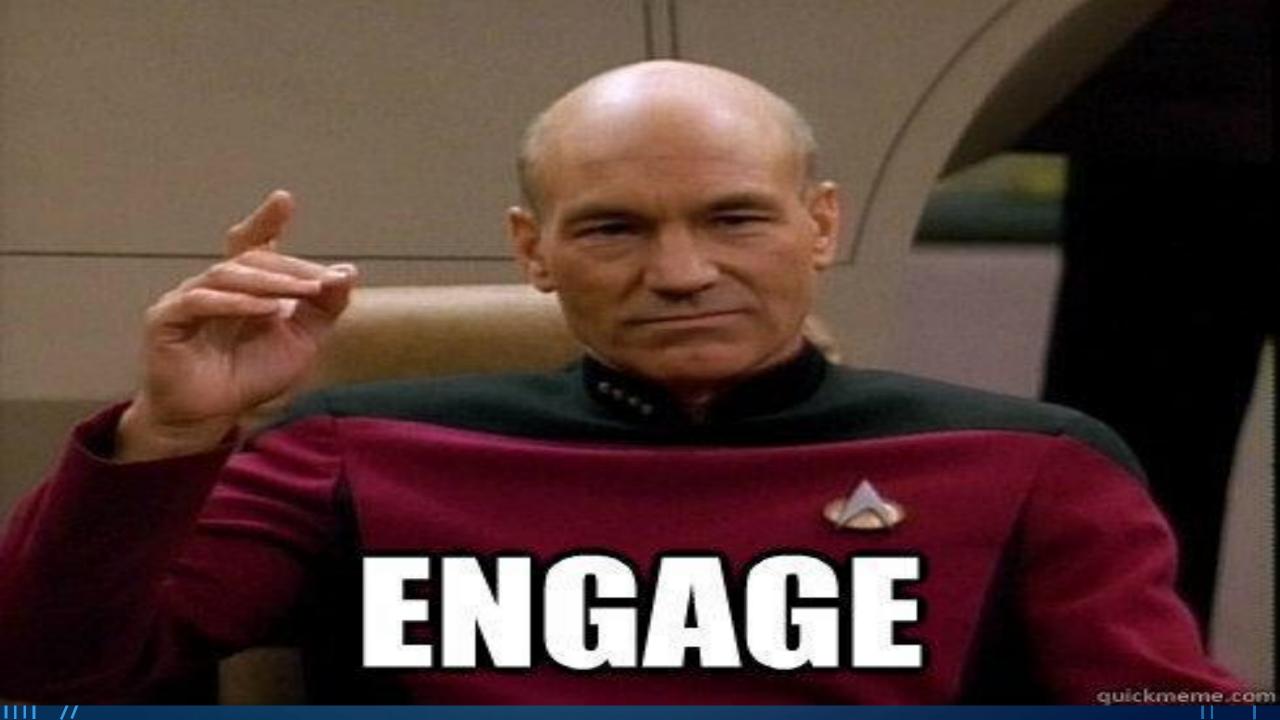
Healthcare

I write about mental health, the media, and everything in between.



With colleges already experiencing a mental health... [+]

- 1. There is no best app
- 2. Technology matters
- 3. The evidence base is important to know
- 4. Privacy is key
- 5. Apps are a supplement to therapy not a replacement





1. How many apps do you use for your emotional wellbeing/Mental Health?

- □ 1-3
- **4-6**
- ☐ More than 6

2. How long do you use most of those apps?

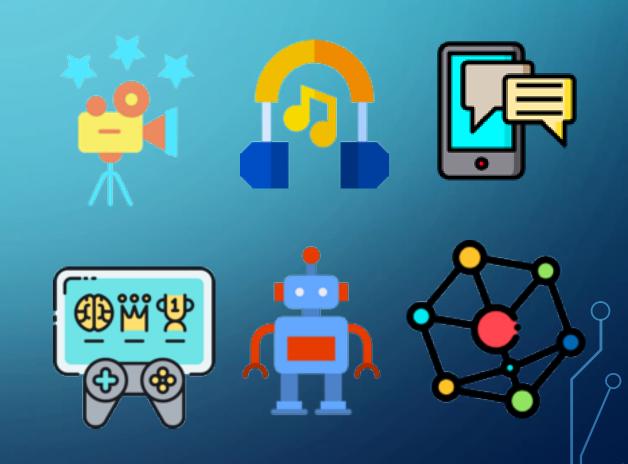
- once
- ☐ One month
- □ 30 90 days
- More than 3 months

EXAMPLE LEVEL

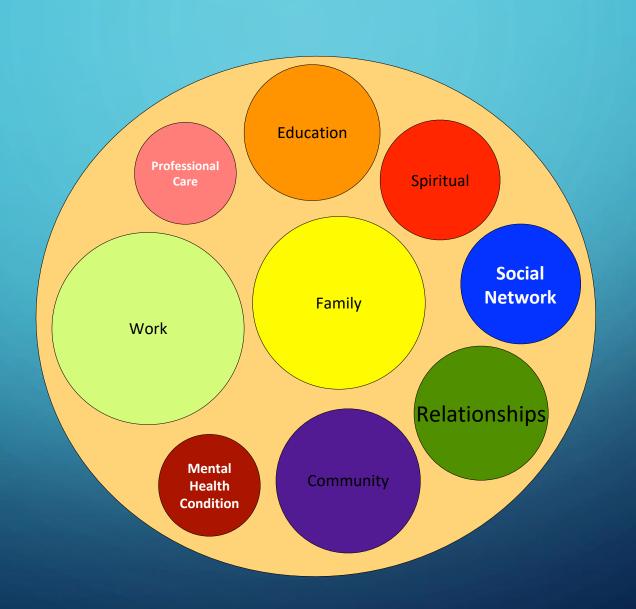
Engagement?



Engagement Features

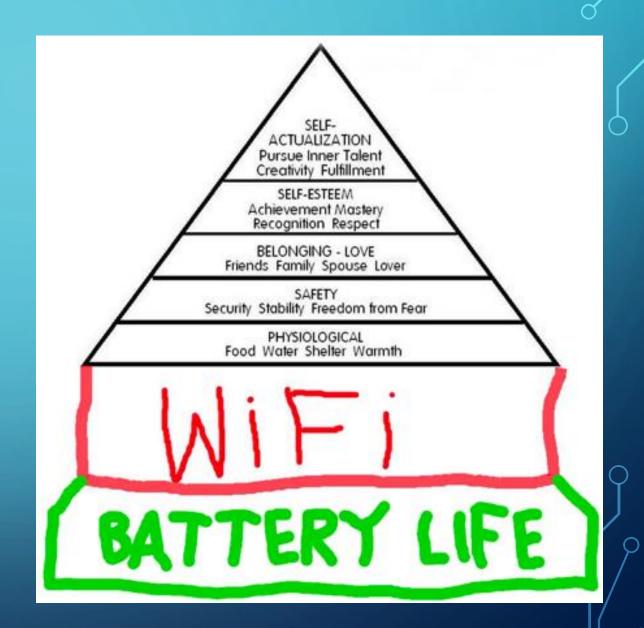


"I WANT A JOB, A HOUSE AND A SOCIAL LIFE"



Social Determinants of Health

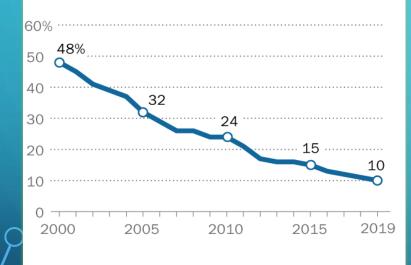




ANOTHER VIEW: ACCESS, DISPARITIES, AND TECHNOLOGY

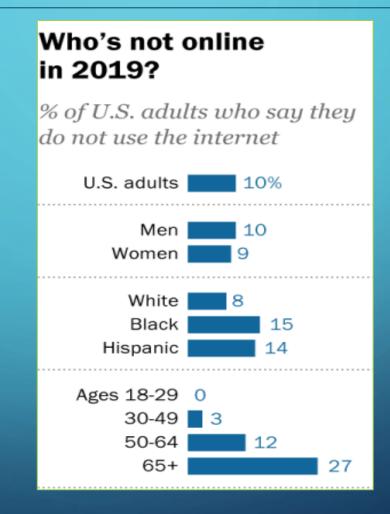
Offline population has declined substantially since 2000

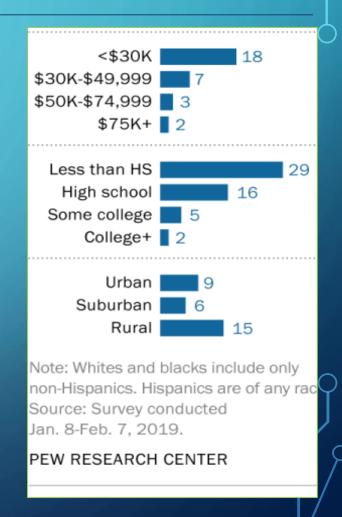
% of U.S. adults who say they do not use the internet



Source: Survey conducted Jan. 8-Feb. 7, 2019. Trend data from previous Pew Research Center surveys.

PEW RESEARCH CENTER







People of color create their own mental health services online

Faced with a pandemic and racial violence, people of color have created apps and organizations to support marginalized communities.

By Kristen Rogers, CNN Published October 10, 2020 Examples of Apps developed by and for people of color:

"....—Stay in, Check-in— hosts
Instagram Live sessions with therapists
who equip Asian Americans with the
tools to cope with stress, linguistic and
solution-focused strategies for talking
with Asian American families about
mental health, and advice for dealing
with anti-Asian racism during the
COVID-19 pandemic."

SKILLS BUILDING FOR DIGITAL HEALTH LITERACY







Establishing Core Smartphone Skills

- Connecting to Wifi
- Checking the Weather

Session 2



Building Wellness

 Tracking Step Count
 Using a guided meditation app

Session 3



Managing Responsibilities

- Adding Calendar Events
- Getting directions on a maps app

Session 4



Staying Connected

- Sending a text message
- Finding a job opportunity on LinkedIn

Session 5



Keeping Informed

 Finding today's news headlines

Session 6



Expanding Your Knowledge

- Watching a Youtube video to learn a new skill
- Translating a sentence from one language to another

Session 7



Navigating Safely

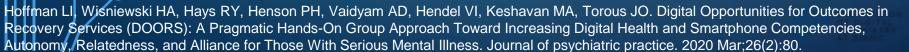
- Finding an app's privacy policy
 Reading app revi
- Reading app reviews and ratings

Session 8



Enjoying Downtime

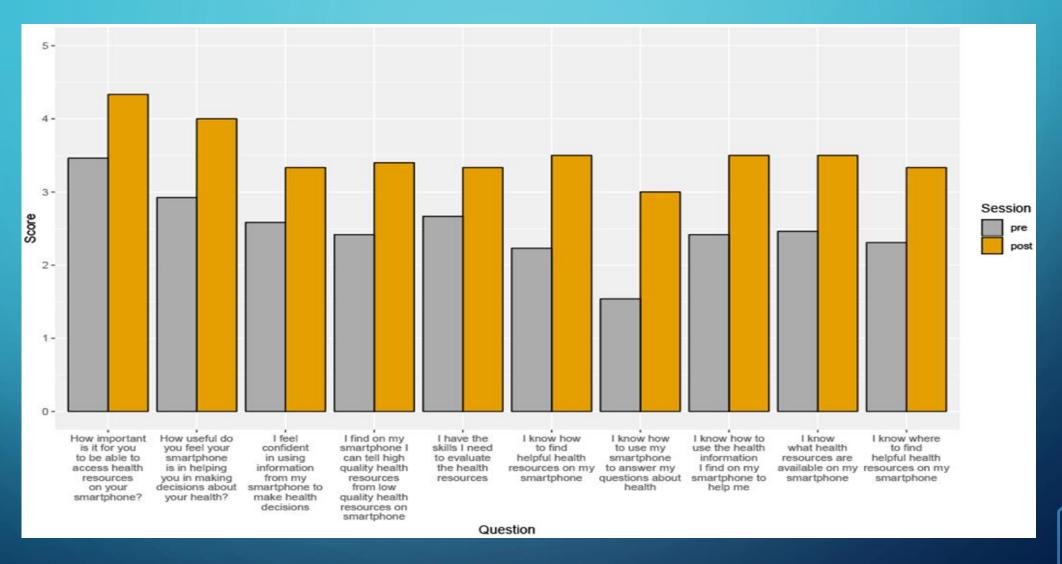
- Creating an account on music streaming platform
- Downloading a game







Pre and post scores on the eHEALS e Health Literacy Scale



Hoffman LI, Wisniewski HA, Hays RY, Henson PH, Vaidyam AD, Hendel VI, Keshavan MA, Torous JO. Digital Opportunities for Outcomes in Recovery Services (DOORS): A Pragmatic Hands-On Group Approach Toward Increasing Digital Health and Smartphone Competencies, Autonomy, Relatedness, and Alliance for Those With Serious Mental Illness. Journal of psychiatric practice. 2020 Mar;26(2):80.



Digital Health Literacy Curriculum

Module 2



Peer developed Digital Health Literacy curriculum:

- ☐ Training Curriculum for Peer Supporters to provide peer to peer education and support on the use of digital tools.
- Curriculum developed based on needs of community members served by community mental heath and other community-based services
- With work alongside directors of the LACDMH Telehealth Clinic Peer staff and psychiatrists developed tailored section related to use of telehealth

https://paintedbrain.org/





App Usage Survey

Creating community-based solutions to mental health challenges and the impact of social injustice through arts, advocacy, tech, and employment.

Survey provided by Painted Brain, Inc.

Purpose: All questions related to this survey will be used to gain knowledge and understanding of participants willingness to utilize technology, specifically apps for mental health support. No personal information will be requested and/or used for the purpose of this survey.

Instructions:	Please c	heck all that	t apply.

Do you use any of the following appet? Check all that apply.	2. How frequently do you use appa? Charill stdy one flore.
Facebook Instagram Teitter SnapChal Reddt	Abveys Other Sometimes Alever
Other 1. Would you consider talking about your mental welfness.	Would you consider trying apps that: Check all that apply A focus on mindfulness and volumes.
using any of the following? Cheer of their early: Text Message Ape Chat	track your mood and give you feedback. a. track your entirity and give you feedback. d. offer online anonymous community chatting for eupport.
Phone ChatHodine 5. Are you a mental health consumer?	e. connext you to a poser print face to flace). t. connext you to a coach, care manager, or healthcare provider (not face to flace). g. allow you to share information collected on your mobile phone with family briends, or a healthcare provider.
Chack only one due. Yes No. Decline to answer	h. navigate you to the right invalence options. is connect you with an artificially intelligent challed (ex. Siri, Alexa) to support your mental writinating. 4. What is your occupation?
7. Now old are you? Check only one line. 0.15. 16-25. 26-69	Chant of that eachly Strutent Employed Health Care Provider Educator Caregiver
Ages 60+ Decline to snower	Parent Releat
What is your race? Check of the apply. American Indian or Aleska Netve	How do you identify yourself? Check only one into
MapperioLatine Asian Bitasis or African American Mative Hawaisien or other Pacific Islander Wifels (Caulasian) Cecline to answer	Maile Fernale X (Binary: Gender Non-conforming: Gender fluid: Intersex) Decine to Answer Other:
10. What is your stip code? (Optional)	11. Further comments?

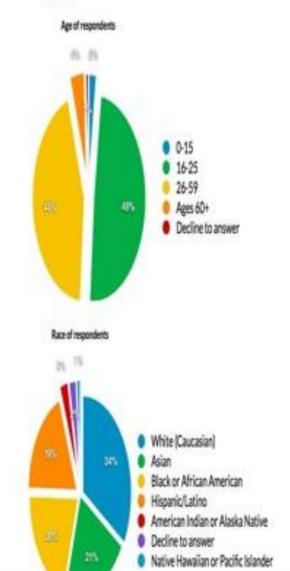
Outreach + Engagement Approach

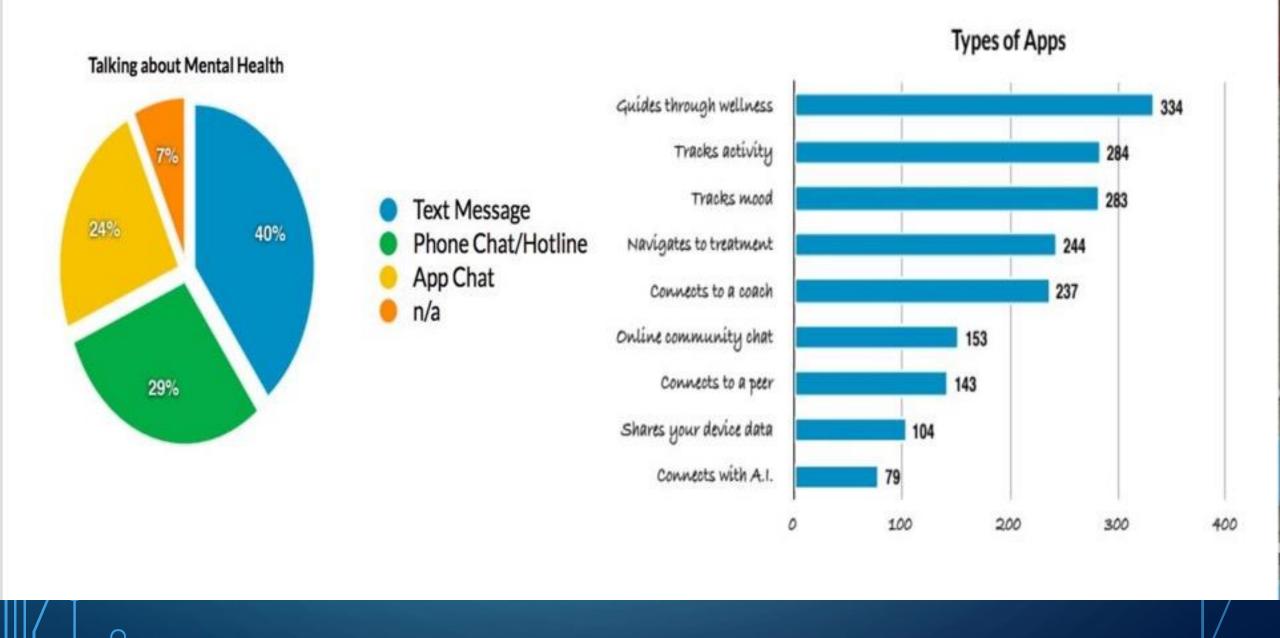
550 individuals surveyed Between the ages 16 - 60:

- Transitioning-Age-Youth (TAY)
- Mental Health Consumers
- Professionals
- College Students

Locations include:

- Mental Health Facilities
- Colleges in LA County (SPA 1-8)
- Drew League basketball games
- Community/Comedy Festivals
- Painted Brain Community events

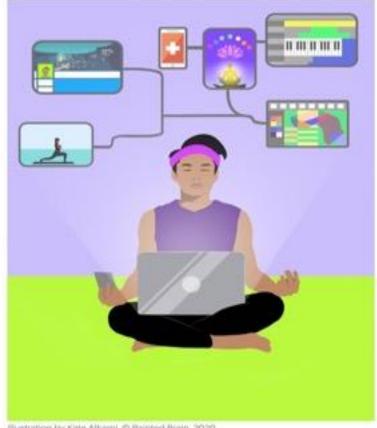




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	***	-	-	Nint.	matte	100			No.	2012	
Physical									_		
Positionality		Yes	Tes	Was.	700	Ten	Tyn	Tes	4.7	4.5	Crear community based app, provides braidfiles faced afternatives when over space a found trent, Tips are join a community of other individuals working braineds a healthine filterfyles. You can accome recipies and trest your califeric indules.
Inoto									4.7	4.6	Works best with virtual guided instructor. Suited instructor provide education on appropriate body from, installabate can select their level of activity.
1 Minute Workout		Yes	Yes	Flori			100	Tes .			treatures is a good age, a good usey to dis guided meditation. Could for individuals who have shallengen falling askeys at right. County may want to consider that the majority of the features.
Headquie	Ten	/Yes	Tes	Tree.	Nes	/tm	Ten	Tes .	4.9	3.6	requires payment.
Unud Hopeton	Ten.	Ten	Tes	Yes	Ten.	To	n/a	Tro.		1.9	Without Respektors is an agg that provides many games, inspirational access, coping skills and an activity planners. Bugs settin virtual access, coping skills and an activity planners. Bugs settin virtual access to the following setting to the setting setting and access to the setting
riagelly	Yen	Two	Tes	Tes	744	Ten	Yes	Ten.	45	3.7	Happing is a great app, own little world of happiness. Compared to Headquere, Happing provides a wider vallety of their artistics: towards order to which the full range of activities payment is required.
CRT smach	~	Tes	Title	Yes.	Pers	7m	N/A	No.	3.6	4	This aga is clear that it is not a neglecomment for the agy and shoot be unif as an adjust to the age, those say provide immediate expoort, provides psychootic arises on sleep and sleep habits. Engines are turing.
MI-AND	Maci	(Yau	Yes	Yes	The C	No.	Ph/A	Yes	43	4.7	A great pay hospital and areing tracking app. Graphics are simple Provides a variety of furthers to include goal uniting, thought Journal and coping cards. Rit foom fall that this was the strongest age out of the 8 ages as it provides insort/amonty tracking as unit as play therefore allows on analytic and serious coping displaying.
Foobcate	No	Tas	***	No.	Yeo	Tex	Pet	Per	4.7	45	Great community based ago, provides haddline food abornations when user cases a food item. Not can job a community of other individuals working broads a healthier Steakyles. You can assess section and took your calcul
T-Minute Workship	No	Yes	No.	nan.	Yes	Ten	fm.	Per	4.7	4.0	Works best with virtual guidest nativation. Guided indirector gravidal education on appropriate leady form, individually can asked their level of activity.
Headquee	Yes	Yes	Fee:	Nan.	Ten.	Ten.	Yes	Yes	4.5	3.6	Placification is a good size, a good year to dis guided meditation. Should for individuals onto have shallmages fading whose at right. A pointy way to consider that the majority of the features chapters payment.
Emplored	- 2011	17000		1077		2000				569111	
Virtual Reporters	Yes	700	791	man.	Yes	Ten.	N/A	hee		3.5	Virtual Republics is an app that provides many games, improviously quotes, coping size and an activity planners. Sugs authors Virtual Integration shard his feed to include: here unbeate on the guided meditarion. Games could be a lift to hard to play.
	227		Total Control	-					4.5	1.7	Happify is a groat app, own 36th word of happiness, Company to Hamiltonics, Rappify principles a wider variety of free activities however in order to unlock the full range of activities payment in
Haspirity.	Yes	Yes			Yes	Tex	Fev	Pes.			inspired. This sage is blear that it is not a replacement for the says and should be used as an adjunct to the rapy. Seen not provide introduction asserts, presiden pays headed allow on clean and always failth.
CBT soath	No	Tee	Pes.	Ten	Tes	Tex	NA	No	3.6	4	Street to a service
Mindel	Yes	Test	hee	Tres	Yes	Tex	N/A	Pes	4.3	4.2	A great professional and assistly tracking age. Crispinis are simple throughout an include goal setting, throughout and supply cards. Pli beam that the title use the stronger age and of the 4 page cards are a provider amount and or the tracking as until age and of the 4 page.
											Street at providing psychosolacation and self-help busis on analysis
SAM	-		The state of the s				- Line	The state of	4		SAM is difficult to navigate and lacks Libert scales that resource
THE REAL PROPERTY.	1700	1798	1700	790	2780	Title	N/A	Tas.	.04	38	Service Co.

Facilitator Agenda: Focus Group/ Learning Collaborative -February 28, 2020

the guide and demo the following apps: • Headspace • Happify • Hoopila • 8 minutes of feedback for each apps asking the following questions: 1. Are there any apps you would consider downloading? Why or why not? 2. Which one of these would you download? 3. Which had you heard of? 4. Which had you not heard of? 5. Are there any apps that are not included on the brochure, that should be included? If so which domain and why? 6. How are you currently using technology for your self-care?		Peer Resource Center	
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Module 5





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DEPARTME MENTAL H

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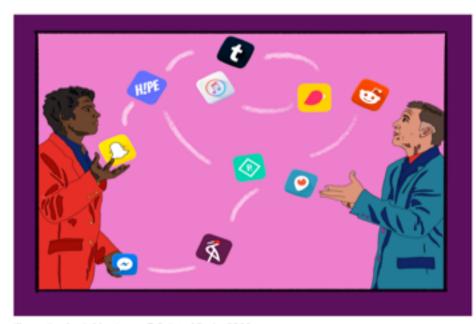


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Module 5



Module 5: How to Download and Use Apps (Applications)

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Module 7



Module 7: Online Safety and Privacy

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Topic 2: Digital Identity and Digital Footprints7
Topic 3: Securing Digital Accounts9
Summary12





Considerations for Downloading an App

6 HELPFUL TIPS



Check to make sure your mobile device is up-to-date with the latest software. Your mobile device is best protected and safe when it has the latest software.



Make sure you are downloading from a trusted source, for example the Apple App Store or the Google Play Store.



Look at the App reviews.



Look at the date the App was last updated.





Check the App's Permission and Privacy Policy. This will inform you of the kind of information the App wants from you and will tell you how your information will be used, stored and deleted.



Read the App's Terms and Conditions. This helps you understand your rights, guidelines you must follow, and what is expected when using this App. It also explain things such as payment terms and how to reach customer support.









MANAGING YOUR DIGITAL IDENTITY

Digital identity is made up of one's digital footprints, which includes active and passive footprints.

KNOWING YOUR ACTIVE AND PASSIVE FOOTPRINTS WILL HELP YOU TO MANAGE YOUR DIGITAL IDENTITY:

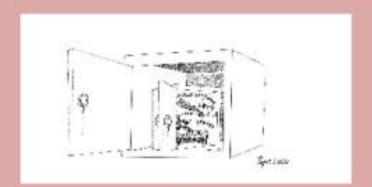
Active Digital Footprints are composed of information we've chosen to share, they include things such as:

- · Online forums and forms
- · Profiles of different types
- Likes

- Comments
- Uploading photos/videos
- · Sending emails

Passive Digital Footprints include things most of us might not be aware of and are left on:

- Websites we visit
- · Search queries we enter
- · Purchases and spending trends
- Online or mobile location tracking
- Being tagged on social media













Digital Literacy

Welcome to the Help@Hand Digital Mental Health Literacy Video Page

Help@Hand is a Calibraia multi-city and county Collaboration created to help shape the future of technology based mental health solutions and connect people to care across the state. These bind, basic skills index tubinals are intended to empower Calibraia communities to make informed decisions about how they engage with technology. Please check out our page for new content. Don't larget to take the survey at the end of each video to let us know if the information was valuable.

"Tips for Staying Safe Online" Video Series

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"Tips for Staying Safe Online" Video Series

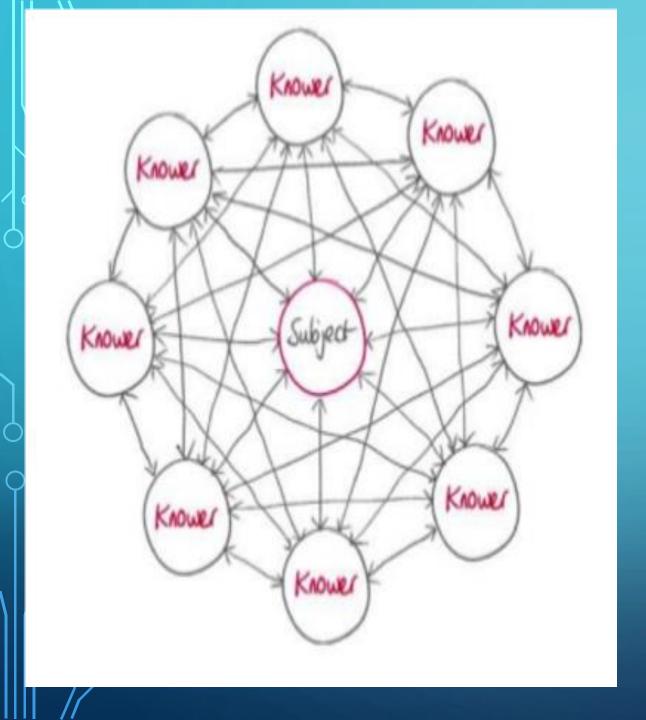
Part 1





- Important Terms
- Safer Web Browsing
- Phishing
- Scam Malware
- Downloading Anti-Virus and Anti-Malware Software
- Creating and Managing Passwords
- Using Public Wi-Fi
- Adjusting Browser Settings (explorer, safari, chrome)

https://helpathandca.org



What do the providers and users know about technology?

Create ways to gather information

Develop opportunities to learn together

Create opportunities to create together



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Digital Health Literacy Curriculum

Module 9



TOPIC 5: Telehealth Etiquette - VSee Tips and Guidelines

Telehealth sessions are just as important as in person sessions when it comes to guidelines to have the best experience possible.

Here are some best practices to make the most of your telehealth experience:

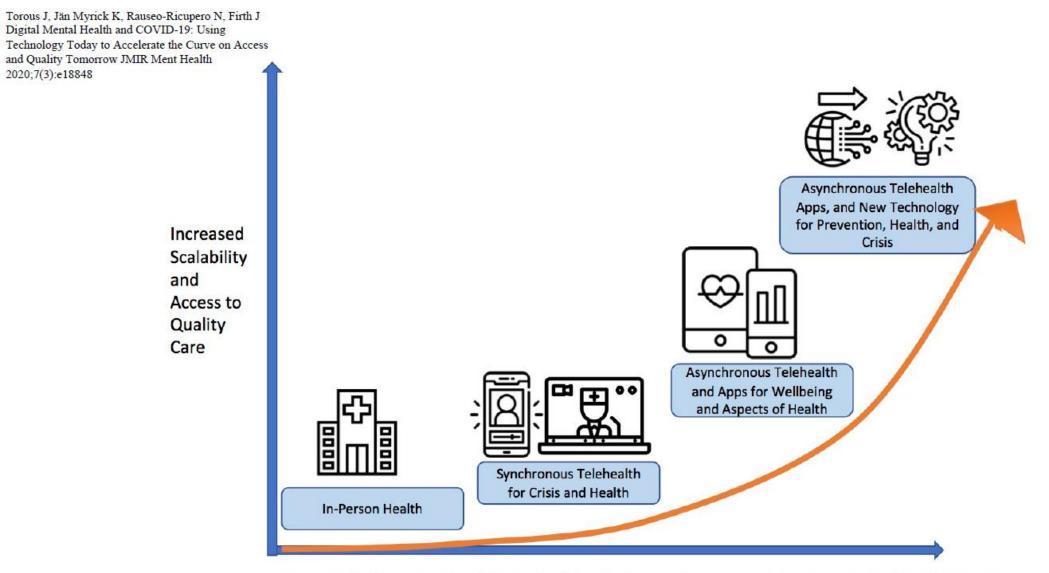
- . Be sure you are in a private location, so your conversation will not be overheard
- Please refrain from driving or engaging in other activities that require your full attention
- After typing in the Room Code, be sure to tap the Enter Waiting Room button to get started
- If your environment is loud and you'd like to mute yourself, click the microphone icon. You can also show yourself on camera by clicking the camera icon or flip the view by clicking the flip icon
- Once you've finished your session be sure to end the video call by clicking the hang-up phone icon on the very right.
- You can share files with your provider by dragging and dropping into the chat window or by clicking the plus button to choose the file to send

Group Facilitator will provide participants with the VSee Telehealth Solutions Tip Sheet.

BUILD IT AND THEY WILL COME...IF...

- 1. Build trust with relationship (be transparent)
- 2. Integrate/partner with a codesign process (one size does not fit all)
 - Communicate bidirectional expectations and hopes
 - Inquire about needs and provide support
 - Model collaborative approaches
- 3. Rinse and Repeat





Increased Efforts Required around Safety, Evidence, Engagement, Outcomes, and Implementation

Bending the curve further on access and scalability of care will require increased efforts around safety, evidence, engagement, outcomes, and implementation. But this increased effort will yield greater returns at each step. The COVID-19 crisis has (at least temporarily) removed implementation barriers to synchronous telehealth through regulatory changes and the evidence, safety, and engagement were already in place before. The next steps to use apps towards asynchronous telehealth will require more effort but yield even greater increases in access to care.

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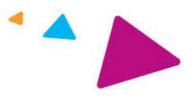
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Thank you!



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Thank you!

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About the presenter



Keris Jän Myrick, MBA, MS, CPMC, is a director at the Jed Foundation and co-director of The Mental Health Strategic Impact Initiative (S2i), which aims to advance the transformation of mental health by catalyzing cross-sectional reforms, strengthening collaborations and bridging gaps. Ms. Myrick serves on the Board of the National Association of Peer Specialists (N.A.P.S.) and is a Certified Personal Medicine Coach.

Ms. Myrick previously held positions of chief of Peer and Allied Health Professions for the Los Angeles County Department of Mental Health, director of the Office of Consumer Affairs for the Center for Mental Health Services (CMHS) of the United States Health and Human Services' Substance Abuse and Mental Health Services Administration (SAMHSA), president and CEO of Project Return Peer Support Network, a Los Angeles-based, peer-run nonprofit, and board president of the National Alliance on Mental Illness (NAMI).

Ms. Myrick is a leading mental health advocate and executive known for her innovative and inclusive approach to mental health reform and the public disclosure of her personal story. Ms. Myrick has over 15 years of experience in mental health services innovations, transformation and peer workforce development. As an early adopter and self-identified "geek" with an interest in leveraging technology to aid in mental health recovery and wellbeing, Ms. Myrick serves on the American Psychiatric Association's App Advisor Panel, is clinical advisor to the BIDMC Harvard Medical School's Digital Psychiatry Program and recently received her certificate in Geek Culture Competency. In June 2021, Ms. Myrick was the recipient of Mental Health America's highest honor, the Clifford W. Beers Award.

Ms. Myrick's personal story was featured in the New York Times series: Lives Restored, which told the personal narratives of several professionals living with mental health issues. Ms. Myrick is an in-demand national trainer and keynote speaker and authored several peer reviewed journal articles and book chapters. She is known for her collaborative style and innovative "whole person" approach to mental healthcare and is podcast creator and host of "Unapologetically Black Unicorns". Ms. Myrick has a Master of Science degree in organizational psychology from the California School of Professional Psychology of Alliant International University. Her Master of Business Administration degree is from Case Western University's Weatherhead School of Management.



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