

The Good, the Bad, and the Ugly of Technology for Our Youth

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Children's Wisconsin

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Lynn Cook, Kelly Nelson, Sara Haberlein, & Lauren Frank
The Good, the Bad, and the Ugly of Technology for Our Youth

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Learning Objectives

- Understand scope of problem and possible dangers of using different types of apps
- Review strategies to protect youth
- Recognize implications for providers and parents

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Purpose

- To explore the impact of advancing technology and increased access of technology/internet on today's youth and how the technological evolution has changed what child sexual abuse may look like.





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Scope of the Problem

- Popular Culture
- Public is the default, privacy takes effort
- Evolution of the expectation of privacy
- Going viral
- "Tastemakers"
- Ideas can travel in an instant
- The Path of Least Resistance
- Accessibility
 - Consolidation of recording, publishing, distributing tools




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Scope of the Problem

- 2018: over 45 million videos and images of child sexual abuse material were circulated online.
 - 2x more than 2017
 - 100,000x more than 2001
 - Includes any sexually explicit material of a person under 18 years old
- 98% of victims were children less than 13 years old (2018 Internet Watch Foundation Study)
- About 1 in 9 children are approached by a predator online.




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Scope of the Problem

- Usage:
 - In 2019: 13-18 year old American teens spent an average of **7 hours and 22 minutes a day** using entertainment screen media
- Access:
 - Average age of first phone: 7 years old
 - By 11 years old, 90% had their own device
- Cyberbullying:
 - 1 in 3 children report being cyberbullied
 - 70% of children report they have cyberbullied someone online



(Smart Social, 2020)




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Impact of Living Virtually

- All technology can be used as tools and weapons
- Ideas communicated through images
- Sexting as the new social currency
- Decentralized means of Influence
- Anonymity
- Empathy




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Types of Victimization and Exploitation

- Cyberbullying
- Exploitation
- Non-Consensual pornography distribution or "revenge porn"
- Child Pornography
- Catphishing
- Doxing
- Hacking
- Using a computerized device to commit a sex crime
- Grooming
- Voyeurism/Invasion of Privacy
- Trafficking and Sexual Exploitation




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How the Internet is Used by Sex Offenders

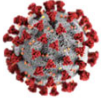
- Build rapport
 - Synchronize interests with the child
- Build trust
 - Supportive, always agrees with child
- Test the child or normalize (slowly introduce sexual content)
 - Games, advice, fantasy
 - Our pornified culture does a lot of this grooming for offenders
 - Disney and Cartoon Pornography
 - Anime
 - GTA/Minecraft
 - Avatars
- Continuously assess child's vulnerabilities, responsiveness, and risk taking potential




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Impact of the Pandemic




- Increased access to technology and the internet.
 - National Center for Missing and Exploited Children report a **106% increase** in exploitation findings for the month of March 2020 (during pandemic) versus 2019
- Virtual school → chrome books for most children.
- Able to evade firewalls. Some require parents to set up security settings that may be confusing/difficult to figure out and doesn't get completed
- Decreased supervision
- Parents are working. Using technology/internet as a "break" in the day. Unsupervised school time while parent may be simultaneously working from home




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Major Categories of Apps






- Chat Apps
- Photo Sharing Apps
- Live stream Apps
- Secrecy/disguise Apps
- Gaming (live multiplayer)




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Chat Apps

- 
Tellonym
 - Users send/ask questions, both anonymous and non-anonymous. Easily come across adult themes if don't have on filters (sex, drugs)
 - No age verification, accounts set to public by default (child can be contacted by anyone)
 - Location sharing
- 
Kik
 - Allows anyone to DM your child.
 - Bypasses traditional text messaging features
 - Does not require age verification
 - Users can create anonymous accounts
 - Unlimited access to anyone, anywhere, anytime
 - Built in web browser, games, and video access
- 
Chatroulette
 - User is randomly liked via video to other users





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Sexting Acronyms

IWSN – I want sex now	POS – Parent over shoulder
GNOG – Get naked on camera	SUGARPIC – Suggestive or erotic photo
NIFOC – Naked in front of computer	KOTL – Kiss on the lips
PIR – Parent in room	(L)MIRL – Let's meet in real life
CU46 – See you for sex	PRON – Porn
53X – Sex	TDTM – Talk dirty to me
9 – Parent watching	8 – Oral sex
99 – Parent gone	CD9 – Parents around/Code 9
1174 – Party meeting place	IPN – I'm posting naked
THOT – That hoe over there	LH6 – Let's have sex
KPC- Keeping parents clueless	WTTP – Want to trade pictures?
	GYPO – Get your pants off





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Live Streaming

- Live.me
- YouNow
- Many Cam
 - Skype fooling program – allows user to substitute a random video of their choosing for their own skype interaction so that the recipient believes that video is the other user, or allows user to modify their own image.
- Apps allows streaming and live broadcasts, ability to earn "currency" from fans and interact with live viewers
 - No control over who views the streams
 - The goal is to get a lot of viewers, to trend, and to grow their fan base.
- Inappropriate content easily accessible
- Unable to filter "Live" content
- Ability for anyone to interact with the broadcaster and request pictures, videos, personal information
- Accidental sharing of personal information by broadcasting from room or identifiable locations
- Use geolocation to share videos and can identify someone's exact location.








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Gaming




- Live chat features
- Perfect platform for grooming
 - Twitch
 - UK's National Society for the Prevention of Cruelty to Children found twitch and twitter were the second most popular sites for grooming
 - Fortnite
 - Minecraft
 - Roblox








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Photo Sharing

-  Instagram
 - Second most popular social media for teens
 - #sexy has over 57 million posts including clips of pornography
 - #porngirls has over 300,000 despite no nudity policy
 - If profile is public, images can be used by Instagram
-  Snapchat
 - Image or videos, a max of 10 seconds and then disappear
 - Only intend for one person to view the photo
 - Screen shot and be passed around
 - Used to blackmail or bully
 - Apps that defeat screenshot notification
-  Facebook
 - 120 million fake users







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Secrecy/Disguise Apps


- Calculator%
 - Appears from the photo to be a simple calculator app but is used to hide photos, videos, files, and browser history.
- Hide Photos, Video Hide it Pro
 - Hides videos and photos from gallery
 - Access only with pin
- Vault
 - Can hide SMS, contacts, call logs
 - Has a private browser function
- App Hider
 - Disguised calculator that hides apps
- Nesting folders


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Geo Location and Tagging



- Used by many apps for targeted advertising
 - Many children's apps are free BECAUSE the user must agree to share geolocation for targeted advertising
- Create a published map of child's whereabouts and daily activities
- Used by meeting and dating apps such as bumble and tinder




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Child Pornography

- Youtube
 - Monetized child erotica and child nudity
 - Hundreds of thousands of views and comments from pedophiles
 - Posted with ads from makeup and gaming companies
- Peer to Peer Distribution
 - Give some to get some
 - Increases likelihood that people interested in CP will create CP and also commit contact offenses

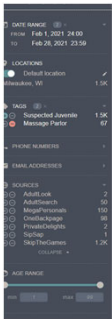
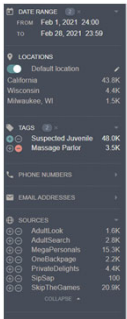



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Trafficking

- Skip the Games
 - The new "backpage"




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Case Example

- 10 year old joins kik because she is lonely
- Immediately is contacted by adult stranger out of state
- Stranger offers support
- Eventually asks for pictures (first bikini, then nudes)
- Moves to video chat app where he masturbates to child
- Ongoing online relationship until child is 15 years old
 - Stranger describes fantasy of raping her and tells her he has raped a child with special needs in his neighborhood






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Recommendations for Providers-Younger Patient Population

- Communication and information is key!
 - Not all schools or parents are incorporating body safety education to children
- For younger kids:
 - Talk about safe and unsafe touch. Reiterate body safety during exams.
 - Example: "It's important that I check to make sure all parts of your body is healthy, which includes your private parts. It's only ok because you are at the doctor's office. No one else should be looking there unless you are asking for help"
 - Prompts questions and dialog about what they would do if someone is asking to look, touch, or take pictures there






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Recommendations for Providers-Older Patient Population

- Incorporate sexual exploitation and technology into your practice
 - Tell me about apps you use, helps develop rapport and open up this dialogue
 - Has something/one ever made you feel unsafe, hurt, upset, or uncomfortable online?
- Body Safety
 - Sexuality/Sexual Activity: When asking about their sexual activity, ask how old/what is the oldest person you wanted to be in a relationship with? Where did you meet them?
 - Home: Have you ever ran away or not had a place to stay?
 - Employment: How do you make money? Job? Who do you ask for money?




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Recommendations for Providers-Older Patient Population

- Trafficking Screen: We see some young people who engage in sex or sex acts for either money, food, gifts, a place to stay... Do you know anyone like this? Has this ever been your experience?
- Talking to parents of teens and encourage they have conversations too and reassuring teens its ok to talk to their parents/a trusted adult
- Teaching them about healthy and unhealthy relationships





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Recommendations for Providers

- Understand the complex nature and ongoing trauma for survivors and provide resources
 - Sexual abuse material, even after "removal" can live indefinitely online as their images can be shared again and again, well into adulthood
 - Victims often live with debilitating fear of recognition in public
 - Trauma does not end with an arrest or conviction
 - Children may present with nightmares, aging/body issues, school issues, identity issues, social anxiety, and sexuality problems





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Recommendations for Parents

- Avoid oversharing on your own social media: ask children before posting about them (especially teens)
- Devices be used in common areas of the house
- Charge devices at bedtime in common areas away from bedrooms
- Set downtime limits
- Kids can evade parental WIFI settings by accessing public WIFI
- Ask youth to teach/show parent there favorite apps on their phone and how they work. If they are hesitant to show one it may be a sign there is inappropriate content on it.
 - "54% of teens said they would be a lot more worried about social media if their parents knew exactly what they were doing online" (Smart Social, 2019)



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Guidelines for Kids and SOCIAL MEDIA

AGE GUIDELINES

Platform	Age	Platform	Age	Platform	Age
Facebook	13	WhatsApp	16	YouTube	13
Instagram	13	Twitter	13	Zoom	13
LinkedIn	17	Snapchat	13		
Nextdoor	18	Skype	13		
Periscope	18	Texting	10-12		
Social Media	13-17	Vimeo	13		
Twitter	13				
YouTube	13				
Zoom	13				
Facebook	13				
Instagram	13				
LinkedIn	17				
Nextdoor	18				
Periscope	18				
Snapchat	13				
Texting	10-12				
Vimeo	13				
Zoom	13				

BEFORE YOU POST:
THINK
Is it true?
Is it helpful?
Is it inspiring?
Is it necessary?
Is it kind?

SOCIAL MEDIA TIPS:
Don't post anything that you would be embarrassed for others to see. Images that involve you, kids or your location. Don't post or use it. If you're ever in trouble with something you've posted, you can usually delete something that has been published on the internet. It might show up again.
Social media is meant to be "social" but you don't need to share every detail of all the time.
Protect your privacy settings.
Never give out personal details.
You don't want anyone to be able to log in to your account or get hacked. So keep log in info private.
Be careful of what you post and share. Just because you can post something doesn't mean you should. Think about the consequences of what you post.
Don't share photos that show your location, your school, your home, your friends, or your pets.
Don't use your phone to take photos of other people's photos.
Don't use your phone to take photos of your location.
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EXAMPLES OF PARENTAL CONTROL APPS

- These do not replace the previous recommendations and conversations with your children
- Qustodio
- Web Watcher
- M Spy
- Net Nanny
- Family Time
- Norton

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Recommendations for Youth

- Never give personal identifying information to strangers
- Never agree to meet strangers in person
- Predators may appear "too" friendly or empathetic
- Predators stay up to date on the latest trends, music, movies, etc. to appear younger than they are
- They will use fake photos and fake information to appear younger
- Predators will start with simple compliments and may even give gifts to gain trust

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Recommendations for Youth

- Warn youth that they could be prosecuted for the images that are distributed (fear based)
- Images can follow them or embarrass them, and possibly affect their future (jobs, college, relationships)



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Trust Triangle or Circle of Safety

- Identify at least 3 adults in different settings (school, daycare, home, sports)



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Questions?




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Thank You!



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