



Free and Low Cost Assistive Technology

The Session begins at 2:00 pm CST

We will be testing audio quality periodically

The content and materials of this training cannot be used or distributed without permission. This training is funded by National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR grant number 90DP0024-01-00). For permission to use training content or obtain copies of materials used as part of this program please contact us by email at adata@adagreatlakes.org or toll free (800) 949-4232 (V/TTY) in IL, IN, MI, MN, OH, and WI. For other all other states call (312) 413-1407

Useful Keyboard Shortcuts

Full list - *Keyboard Shortcuts* from the *Help* menu on the Menu Bar.

Speaker level Up:

Windows: Ctrl+Alt+Up Arrow

Mac: Command-Option-Up Arrow

Speaker level Down:

Windows: Ctrl+Alt+Down Arrow

Mac: Command-Option-Down Arrow

Chat: Move cursor to the Message text box

Windows: Ctrl+M

Mac: Command-M

Listening to the Webinar

The audio for today's webinar is being broadcast through your computer. Please make sure your speakers are turned on or your headphones are plugged in.

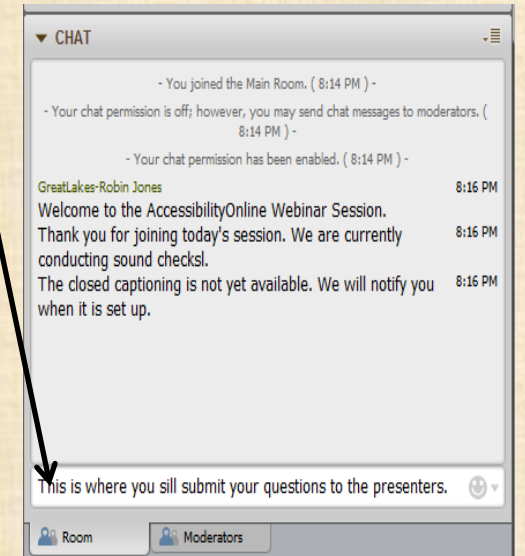
You can control the audio broadcast via the Audio & Video panel. You can adjust the sound by “sliding” the sound bar left or right.

If you are having sound quality problems check your audio controls by going through the Audio Wizard which is accessed by selecting the microphone icon on the Audio & Video panel



Submitting Questions

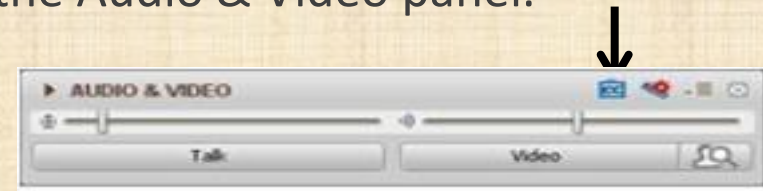
You may type and submit questions in the Chat Area Text Box or press Control-M and enter text in the Chat Area



Captioning

Real-time captioning is provided during this webinar.

The caption screen can be accessed by choosing the **CC** icon in the Audio & Video panel.



Once selected you will have the option to resize the captioning window, change the font size and save the transcript.

Free and Low Cost Assistive Technology

RACHEL KRUZEL - ACCOMMODATIONS SPECIALIST

AUGSBURG COLLEGE – MINNEAPOLIS, MN

MARCH 7TH, 2016

Session Agenda

- Definitions – Making sure we're on the same page
- Frameworks When Working with Any Student
- Things to Remember When Working with Technology
- Latest, Greatest and Free and Low Cost Apps and Programs!
 - Reading/Literacy Support
 - Writing
 - Notetaking
 - Organization & Task Management Support
 - Stress Management
 - Other Areas
- Questions??

Definitions

- Assistive Technology (AT): “...any piece of equipment, or product system, whether acquired commercially off the shelf, modified, or customized, that is used to increase, maintain, or improve the functional capabilities of a child [person] with a disability.” ¹
- App: “a self-contained program or piece of software designed to fulfill a particular purpose; an application, especially downloaded by a user to a mobile device” ² (google.com)
- Browser Extension: (i.e. Chrome Extension): “... a computer program that extends the functionality of a web browser in some way. Depending on the browser and the version, the term may be distinct from similar terms such as plug-in or add-on.” ³

1: <http://www.atp.ne.gov/techassist/def-legal.html>

2: google.com

3: https://en.wikipedia.org/wiki/Browser_extension

Definitions cont.

- Plug In: “Software that adds functionality to a Web browser. Typically from a third party rather than the browser developer and also called “add-ons” or extensions,” they are used to add toolbars and support a variety of graphics, animation, audio and video formats.” ⁴
- Add-On: “an accessory devices or piece of software designed to increase the capability of a computer or hi-fi system.” ⁵
- Built-In: “inherent, innate.” ⁶ To come preprogrammed into a computer or device when purchased

4: <http://www.pcmag.com/encyclopedia/term/38977/browser-plug-in>

5: google.com

6: google.com

Always Remember S-E-T-T

S-E-T-T

S – Student

E – Environment

T – Task

T – Tools

Created by Joy Zabala Ed. D.

Free and Low Cost

- Many apps, programs and support tools out there
- Constantly changing, updating, new ones being added
- Not all programs and apps will be shown today
- With unlimited resources, it can be overwhelming to decide what's the best tool is for the task

Built-In Accessibility Computers

WINDOWS

- Windows Speech Recognition
- Magnifier
- On Screen Keyboard
- Narrator
- Visual notifications
- High Contrast
- Mouse

MAC OS

- VoiceOver
- Zoom
- Dictation
- Contrast Options
- Cursor Size
- Screen Flash – alert
- MonoAudio – dual audio channels both ears
- Switch Control
- Slow Keys – sensitivity of keyboard
- Sticky Keys – combine keystrokes by pressing one key
- Mouse Keys – using numeric keypad
- Onscreen Keyboard
- Text-to-Speech
- Word Completion

Reading/Literacy Support

Tools Shown:

- Readability – Web Resource; iPhone, iPad, Android: <https://www.readability.com/>
- Rewordify – Web Resource: <https://rewordify.com/>
- Balabolka – Windows: <http://www.cross-plus-a.com/balabolka.htm>
- Beeline Reader – Web & iOS App: <http://www.beelinereader.com/>
- Voice Dream Reader – iPhone, iPad, Android: <http://www.voicedream.com/>
- Spritz & Readsy – Web Resources: <http://www.spritzinc.com/> & <http://www.readsy.co/>
- SpeakIt! – Chrome Extension: <https://goo.gl/7M00Qy>

Reading/Literacy Support

Others to Consider (not shown):

- Read&Write – iPad, Android: <http://www.texthelp.com/north-america/rwtablets>
- iReadWrite – iOS 6.0 or later: <https://itunes.apple.com/us/app/ireadwrite/id600843386?mt=8>
- Capti Narrator – Mac; PC; iPhone, iPad, iPod Touch: <https://www.captivoice.com/capti-site/>
- Spreed – Similar to Spritz or Readsly – Chrome Extension: <http://www.spreeder.com/>
- GhostReader - Similar to Balabolka for Macs: <http://www.convenienceware.com/ghostreader>
- Text2Speech - Web Resource: <http://www.text2speech.org/>
- vBookz PDF Reader- iPad, iPhone, iPod Touch:
http://vbookz.com/V1/vBookz_Voice_Readers.html
- Clearly – Chrome Extension: <https://goo.gl/7iAmw7>

Writing Support

Tools Shown:

- Ginger – Windows; Mac; Android; iPhone, iPad, iPod Touch; Web Resource: <http://www.gingersoftware.com/>
- Ghotit – Web Resource: <http://www.ghotit.com/>
- Voice Dream Writer – iPod, iPhone: <http://www.voicedream.com/writer/>
- Grammarly: Chrome Extension: <https://www.grammarly.com/>

Writing Support

Others to Consider (not shown):

- Word Prediction Tools such as
 - Co:Writer – iPad, iPhone, iPod Touch: <http://donjohnston.com/cowriterapp/#.U0g21PldV8E>
 - iWordQ - iPad: <http://www.gogsoftware.com/en/writing-products/iwordq/>
- Mind Mapping Tools
 - MindMeister – Web Resource; iPhone, iPad, iPod Touch, Android: <http://www.mindmeister.com/>
 - Idea Sketch – Windows; Mac; iPhone, iPad, iPod Touch; Windows Phone: <http://www.nosleep.net/>
 - Inspiration Maps - iPad: <http://www.inspiration.com/inspmaps>
- Dictation Tools
 - Dragon Dictation – iPhone, iPad, iPod Touch: <http://www.nuance.com/for-individuals/mobile-applications/dragon-dictation/index.htm>
 - Voice Typing in Chrome
 - Voice Note – Chrome App: <https://goo.gl/uXrdje>
 - Voice Typing – within Google Docs: <https://goo.gl/XyJuKd>

Notetaking Support

Tools Shown:

- Noteability – iPad, iPhone, iPod Touch: <http://www.gingerlabs.com/>

Other Tools to Consider (not shown):

- Audio Notetaker version 4 – Windows & iOS: <https://www.sonocent.com/en/audio-notetaker>
- Sonocent Recorder App – iOS: <https://www.sonocent.com/en/ios-recorder>
- SoundNote – similar to Noteability – iOS – Mac, iPad: <http://soundnote.com/>
- AccessNote – iPad, iPhone, iPod Touch: <http://goo.gl/bozjm7>
- AudioNote – iOS – Windows; Mac; iPad; Android:
<http://luminantsoftware.com/iphone/audionote.html>
- OneNote – Windows; Mac, iPhone, iPad; Windows Phone; Web Resource:
<https://www.onenote.com/>

Organization, Task, & Time Management

Tools Shown:

- My Study Life – iPhone; Android; Windows 8, Windows Phone; Web Resource: <https://www.mystudylife.com/>
- Google Keep/GoKeep – iPhone; iPad, iPod Touch; Android; Online Resource: <http://keep.google.com/>
- Unstuck – iPhone; Android; Web Resource: <https://www.unstuck.com/>
- focus booster – Web Resource: <https://www.focusboosterapp.com/>
- Cold Turkey – Windows: <http://getcoldturkey.com/>

Organization, Task, & Time Management

Other Tools to Consider (not shown):

- Remember the Milk – Web Resource; iPhone, iPad, iPod Touch; Android: <http://www.rememberthemilk.com/>
- Todoist – Windows; Mac; iPad, iPhone, iPod Touch; Android; Web Resource: <https://en.todoist.com/>
- Self Control – Mac: <https://selfcontrolapp.com/>
- Priority Matrix – Windows; Mac; iPad, iPhone, iPod Touch; Android: <http://www.appfluence.com/>
- Any.do - <https://www.any.do/anydo>
- myHomework - <https://myhomeworkapp.com/>
- TimeTimer - <http://www.timetimer.com/>
- 30/30 - <http://3030.binaryhammer.com/>
- Peer Pressure - Android; iOS coming soon <http://peerpressure.io/>
- Pomodoro Timer – iPad, iPhone, iPod Touch: <https://goo.gl/Btcdzy>

Stress Management and Relaxation

Tools Shown (if time allows):

- Breathing Zone – iPhone, iPad, iPod touch; Android: <https://goo.gl/Ai2wbz>
- Guided Mind – iPhone, iPad, iPod touch: <http://goo.gl/Q0JC0o>

Other Tools to Consider (not shown):

- Buddhify – iPhone, iPad, iPod touch; Android: <http://buddhify.com/>
- Breathe2Relax – iPhone, iPad, iPod touch: <http://t2health.dcoe.mil/apps/breathe2relax>

Don't Forget About Other Impact Areas...

- Dictation/Speech-to-Text
- Mind Mapping & Brainstorming
- Study Skills
- Research Tools
- Communication
- Vision
- Hearing

Additional tools in the areas covered today and those not are on our resource website:

<http://www.augsburg.edu/class/groves/assistive-technology/>

Links & Resources

Many more apps, programs, and supports out there for students and everyone

Augsburg College/Groves Technology Website: List of free apps, programs, extensions, etc.

<http://www.augsburg.edu/class/groves/assistive-technology/>

Facebook: Groves Assistive Technology Lab: Daily Tech Tip

<https://www.facebook.com/grovesatlab>

Twitter: @groveslab: Daily Tech Tip

<https://twitter.com/groveslab>

Thank You For Attending!

Rachel Kruzel

Accommodations Specialist

CLASS Office - Disability Services

Augsburg College

kruzel@augsborg.edu

612-330-1353

Twitter: @rachelkruzel