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Lessons Learned from Teaching During a Pandemic: Improving Our Teaching with Technology

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Disclosures

- **Financial:** Hannah Siburt is a paid employee with the University of North Carolina- Chapel Hill.
- **Non-Financial:** She is a member of the CAPCSD Program Planning Committee.

Learning Objectives

- State two challenges in transitioning to remote teaching.
- Identify two technologies used for remote teaching.
- Describe these technologies for future use in our academic program.

Lets start with a poll . . .



- [PollEv.com/hannahsiburt200](https://pollev.com/hannahsiburt200)
- OR
- [HANNAHSIBURT200](#) to [37607](#)




Respond at **PollEv.com/hannahsiburt200**


Text **HANNAHSIBURT200** to **37607** once to join, then text your message

Visual settings 

Activate 


Show responses 


Lock 

Clear responses 

Full screen 

In one word, how do you feel right now about using and including technology in your teaching?

 No responses received yet. They will appear here...

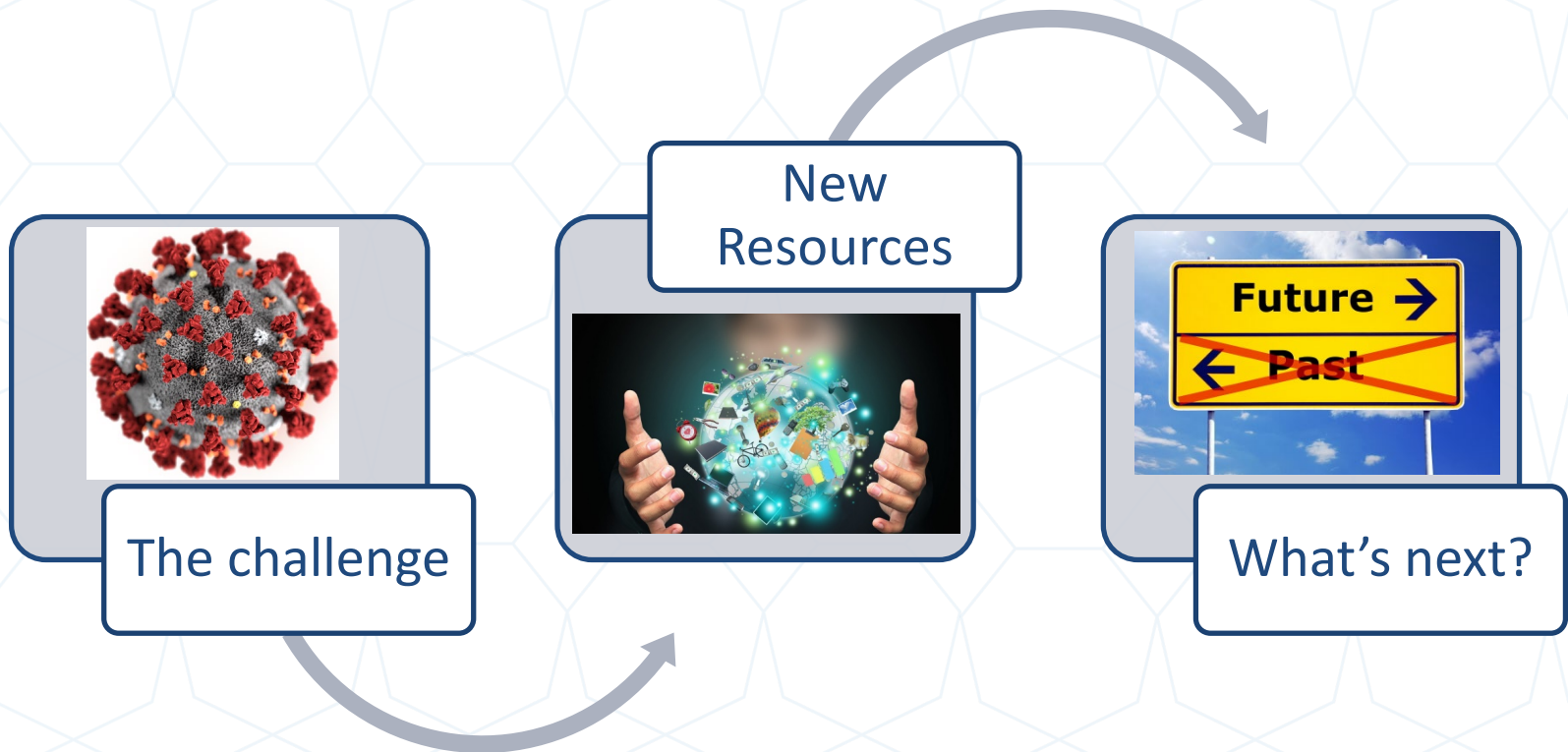
Next 

Previous 

Powered by  **Poll Everywhere**



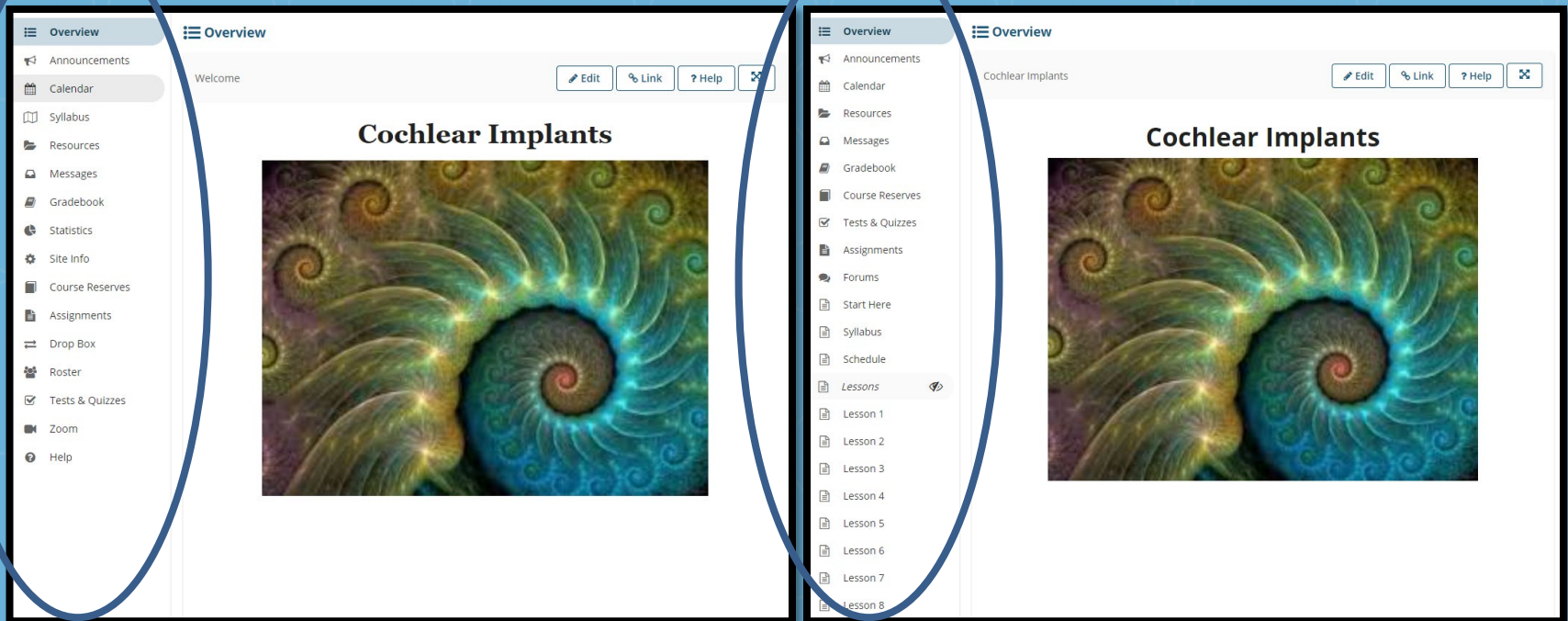
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Learning Management Systems



Little Changes . . . Big Impacts



<input type="checkbox"/> Title ^
SPHS708.001.FA19 Resources
<input type="checkbox"/> Assignments
<input type="checkbox"/> Support Files
<input type="checkbox"/> Syllabus and Schedule
<input type="checkbox"/> Week 1: Cultural History
<input type="checkbox"/> Week 2: History of CI
<input type="checkbox"/> Week 3: Candidacy
<input type="checkbox"/> Week 4: Test Measures
<input type="checkbox"/> Week 5: Middle Ear Implantable Devices
<input type="checkbox"/> Week 6: Electrical Stimulation & Mapping
<input type="checkbox"/> Week 7: ESRT/ECAP
<input type="checkbox"/> Week 8: EAS, Bimodal & Music
<input type="checkbox"/> Week 9: Medical Perspective
<input type="checkbox"/> Week 10: Hear N' Now
<input type="checkbox"/> Week 11: Cochlear
<input type="checkbox"/> Week 12: MED-EL
<input type="checkbox"/> Week 13: Advanced Bionics
<input type="checkbox"/> Week 14: Troubleshooting, ABI & SSD
<input type="checkbox"/> Week 15: Peds SSD
<input type="checkbox"/> Week 16: Cognition

Resources	
Site Resources	Transfer Files Options Check Quota Trash Permissions
Site Resources	
All site files / SPHS708.001.FA19 Resources / Week 3: Candidacy	
Move Copy Move to Trash Show Hide	
<input type="checkbox"/> Title ^	
Week 3: Candidacy	
<input type="checkbox"/> Lecture(s)	
<input type="checkbox"/> Required Readings	
<input type="checkbox"/> Supplemental Readings	

Resources	
Site Resources	Transfer Files Options Check Quota Trash Permissions
Site Resources	
All site files / SPHS708.001.FA19 Resources / Week 3: Candidacy / Required Readings	
Move Copy Move to Trash Show Hide	
<input type="checkbox"/> Title ^	
Required Readings	
<input type="checkbox"/> Adult Clinical Guidance ACIA.pdf	
<input type="checkbox"/> Ching 2017 age at intervention.pdf	
<input type="checkbox"/> Leigh, Dettman and Dowell, 2016.pdf	
<input type="checkbox"/> No response ABR.pdf	

Overview

Announcements

Calendar

Resources

Messages

Gradebook

Course Reserves

Tests & Quizzes

Assignments

Forums

Start Here

Syllabus

Schedule

Lessons

Lesson 1

Lesson 2

Lesson 3

Lesson 4

Lesson 5

Lesson 6

Lesson 7


Lesson 8

Overview

Cochlear Implants

Edit Link Help

Cochlear Implants



SPHS 708: COCHLEAR IMPLANTS

LESSON 5: INTRODUCTION TO ELECTRICAL STIMULATION & BASIC FITTING

LESSON OUTLINE:

- Lecture: Pre-recorded lecture and readings
- Clinical Application: Overview of CI Software with Drs. King & Gagnon; **Wednesday, June 8th @ 5:30pm:** <https://unc.zoom.us/j/92503815470>

Lesson Objectives:

By the end of this lesson you will be able to:

- Outline the processes for signal transmission in cochlear implants
- Describe at least three parameters considered when programming cochlear implants

Readings:

- Course Textbook: Wolfe, J (2020). *Cochlear Implants*
 - Chapter 7: Cochlear Implant Programming**
- Dillon et al (2016), *Comparison of two cochlear implant coding strategies on speech perception*, Cochlear Implants International.

Lectures:

Electrical Stimulation and CI Mapping Parameters (H.Siburt)

- Part 1: https://unc.zoom.us/rec/share/yfQsKe_W8kFLZoHLuRDdXoJxPN_Zaaa8h3VL-acLyRsHeJuBnTkPzYaX_IXG8wEV?startTime=1594066484000
- Part 2: https://unc.zoom.us/rec/share/yfQsKe_W8kFLZoHLuRDdXoJxPN_Zaaa8h3VL-acLyRsHeJuBnTkPzYaX_IXG8wEV?startTime=1594067207000
- Part 3: https://unc.zoom.us/rec/share/yfQsKe_W8kFLZoHLuRDdXoJxPN_Zaaa8h3VL-acLyRsHeJuBnTkPzYaX_IXG8wEV?startTime=1594067930000
- Part 4: <https://unc.zoom.us/rec/share/5d5F57Rzk1Le6Pti32AAZ4CPq27X6a80yK8qAlmk70U2LD9pBbs9epo6f4AxX47?startTime=1594088983000>

Access Password Parts 1-3 (if needed): 4C\$1%j.5

Access Password Part 4 (if needed): 2n+4D&m&

Cochlear Americas & MED-EL Software Overview (E. Gagnon & E. King): Zoom Recording with integrated audio transcript of Live 7.8.20 meeting

https://unc.zoom.us/rec/share/zsNICm08G9JU43yr0f0B7x9LLTraaa8hige_YQmEsm2FyJZNGlimZYRvPIH-06

Access Password: 4j=lbgd@

- Summary PPT under Resources Lesson 5



Padlet.com

hamah_siburt • 10 • 2d
Clinical Note Writing

Notes I feel confident writing	Notes I need more practice writing	Notes I've never had an opportunity to write	Other comments or questions about clinical note writing/documentation?	Comment or question on JSLHR Article
hearing evaluation adult & peds ☆ RATE	Ci activation ☆ RATE	cerumen removal ☆ RATE	what's the appropriate turn around time for completing notes? ☆ RATE	very interesting! but I feel like parents are not normally sent home with our report—is this something that gets mailed/emailed to them later? ☆ RATE
Hearing Aid Follow-up ☆ RATE	Ci follow-up ☆ RATE	Vestibular appts ☆ RATE	Do we have to create our own templates or when we actually work at a clinic can you use some they have and alter them? ☆ RATE	It made me think about note writing a little differently—not just for the audiologists or other providers treating the patient but for the patient/family. I hadn't really thought much about notes as an educational tool ☆ RATE
Hearing Aid Fitting ☆ RATE	Ci evaluation ☆ RATE	ABR ☆ RATE		
Hearing evaluation and annual follow up ☆ RATE	Ci evals ☆ RATE	ABR ☆ RATE		
Hearing evals ☆ RATE	Peds notes (describing parent report vs observation) and future plans ☆ RATE	Cochlear implants ☆ RATE		
Fittings ☆ RATE	Ci evaluation ☆ RATE	Ci notes ☆ RATE		
Hearing evaluation ☆ RATE	Ci candidacy and follow-up ☆ RATE	Ci vestibular and evoked ☆ RATE		

hamah_siburt • 12 • 1mo
Verification

Why do we use hearing aid verification?	1 month old	3 month old	6 month old
To try to improve the sound of the hearing aid by making sure it's customized for that patient ☆ 0	Earliest initial fitting, RECDs ☆ 0	Evan is the poster child for 1-2-3 (It's possible that you're still discussing the process for obtaining hearing aids at this age in the framework of 1-3-6) ☆ 0	Bearhug for tymps, otoscopy and EMI (if child is wiggly) ☆ 0
to know better what they are actually listening to ☆ 0	"speech training"/cues/ facetime with baby (as opposed to tummy time) ☆ 0	indicator lights on ☆ 0	Counsel about retention considering increased mobility of the child and likelihood they will want to pull them off ☆ 0
To make sure we are appropriately amplifying the frequencies needed ☆ 0	Genetics referral or testing siblings as needed ☆ 0	discuss family transitions/educating other caregivers as maternity leaves end ☆ 0	If they don't like being touched at the beginning of the appointment, do the testing first and tymps and otoscopy after so they don't become upset and you lose them before you even start the testing ☆ 0
To make sure kiddos have the ability to receive language ☆ 0	Extensive family history, medical history, birth history ☆ 0	developmental milestones to look for ☆ 0	Counsel that this is when we first begin behavioral testing so not to expect that we get the full test today, may need to return a couple times so Evan can understand the task ☆ 0
Ensure audibility ☆ 0	Different follow-up SNHL vs CHL ☆ 0	discussing what responses to sound look like ☆ 0	
	ENT referral ☆ 0		

hamah_siburt • 9 • 2d
Externships

What is one piece of media (book, movie, podcast, TV series, music) that has helped you during the pandemic?	Questions about this class:	Questions about externships . . . or the process:	What world would you use to describe how you feel about the externship process right now?
I have never enjoyed Audiobooks, but with all the pandemic walking they've been a great accompaniment! ☆ 0 Add comment	all the externship things! ☆ 0 Add comment	Does our externship determine our career ☆ 0 Add comment	Overwhelmed ☆ 0 Add comment
Where the Crawdads Sing 1 comment Anonymous 1mo I second this one too ☆ 0 Add comment	Does this class help us go through specific sites/places to decide where we want to apply ☆ 0 Add comment	Is it possible to apply to both UNC sites and other sites at the same time, or do I have to decide stay/go first? ☆ 0 Add comment	Excited, but scared ☆ 0 Add comment
My Brother, My Brother, and Me (podcast) ☆ 0 Add comment	Will we/can we have one on one meetings to work through how were feeling and what were thinking ☆ 0 Add comment	Timeline ☆ 0 Add comment	I'm scared of having competition with my friends :(☆ 2



padlet



hannah_siburt + 10 • 26d

Clinical Note Writing

Notes I feel confident writing

hearing evaluation
adult & peds

☆ RATE

Hearing Aid Follow-up

☆ RATE

Hearing Aid Fitting

☆ RATE

Hearing evaluation and annual follow up

☆ RATE

Hearing evals

☆ RATE

Fittings

☆ RATE

Hearing evaluation

Notes I need more practice writing

CI activation

☆ RATE

CI follow-up

☆ RATE

CI evaluation

☆ RATE

Ci evals

☆ RATE

Peds notes (describing parent report vs observation) and future plans

☆ RATE

CI evaluation

☆ RATE

CI candidacy and follow-up

Notes I've never had an opportunity to write

cerumen removal

☆ RATE

Vestibular appts

☆ RATE

ABR

☆ RATE

ABR

☆ RATE

Cochlear Implants

☆ RATE

CI notes

☆ RATE

☆ RATE

CI, vestibular, and evoked

Other comments or questions about clinical not writing/documentation?

what's the appropriate turn around time for completing notes?

☆ RATE

Do we have to create our own templates or when we actually work at a clinic can you use some they have and alter them?

☆ RATE



Comment or question on JSLHR Article

very interesting! but I feel like parents are not normally sent home with our report--is this something that gets mailed/emailed to them later?

☆ RATE

It made me think about note writing a little differently- not just for the audiologists or other providers treating the patient but for the patient/family; I hadn't really thought much about notes as an educational tool

☆ RATE

I appreciated the article's perspective on audiological reports as tools that promote parental understanding, and empower families to participate in clinical decisions. In my experience with note-writing thus far, I've



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hannah_siburt + 9 • 2d

Externships

What is one piece of media (book, movie, podcast, TV series, music) that has helped you during the pandemic?

I have never enjoyed Audiobooks, but with all the pandemic walking they've been a great accompaniment!

♡ 0

Add comment

Where the Crawdads Sing

♡ 0

1 comment

Anonymous 1mo
i second this one too

Add comment

My Brother, My Brother, and Me
(podcast)

Questions about this class:

all the externship things!

♡ 0

Add comment

Does this class help us go through specific sites/places to decide where we want to apply

♡ 0

Add comment

Will we/can we have one on one meetings to work through how were feeling and what were thinking

♡ 0

Add comment

Questions about externships . . . or the process:

Does our externship determine our career

♡ 0

Add comment

Is it possible to apply to both UNC sites and other sites at the same time, or do I have to decide stay/go first?

♡ 0

Add comment

Timeline

♡ 0

Add comment

i'm scared of having competition with my friends :(

♡ 2

What world would you use to describe how you feel about the externship process right now?

Overwhelmed

♡ 0

Add comment

Excited, but scared

♡ 0

Add comment



Verification

Why do we use hearing aid verification?

To try to improve the sound of the hearing aid by making sure it's customized for that patient

♡ 0

to know better what they are actually listening to

♡ 0

To make sure we are appropriately amplifying the frequencies needed

♡ 0

To make sure kiddos have the ability to receive language

♡ 0

Ensure audibility

♡ 0

1 month old

Earliest initial fitting, RECDs

♡ 0

"speech training"/cues/ facetime with baby (as opposed to tummy time)

♡ 0

Genetics referral or testing siblings as needed

♡ 0

Extensive family history, medical history, birth history

♡ 0

Different follow-up SNHL vs CHL

♡ 0

ENT referral

3 month old

Evan is the poster child for 1-2-3 (it's possible that you're still discussing the process for obtaining hearing aids at this age in the framework of 1-3-6)

♡ 0

indicator lights on

♡ 0

discuss family transitions/educating other caregivers as maternity leaves end

♡ 0

developmental milestones to look for

♡ 0

discussing what responses to sound look like

♡ 0

6 month old

Bearhug for tymps, otoscopy and EMI (if child is wiggly)

♡ 0

Counsel about retention considering increased mobility of the child and likelihood they will want to pull them off

♡ 0

If they don't like being touched at the beginning of the appointment, do the testing first and tymps and otoscopy after so they don't become upset and you lose them before you even start the testing

♡ 0

Counsel that this is when we first begin behavioral testing so not to expect that we get the full test today, may need to return a couple times so Evan can understand the task

Kahoot!



VoiceThread.com



Padlet



Tinyurl



Voice thread



Slido



OpenBadges.org



Bai Board



Quizlett



Poll everywhere



Kahoot



Online Teaching/Meetings



Image by [Alexandra Koch](#) from [Pixabay](#)



<https://www.indiacademy.org/update-on-grants-for-video-conferencing-platforms/>



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Resources

Effective Use of Educational Technology in Medical Education

*Colloquium on Educational Technology:
Recommendations and Guidelines for
Medical Educators*

AAMC Institute for Improving Medical Education

IT in Medical Education

Educational Technology Infrastructure and Services in North American Medical Schools

Carol Kamin, MS, EdD, Kevin H. Souza, MS, Diane Heestand, EdD, Anna Moses, MEd,
and Patricia O'Sullivan, EdD

accessibility
active learning
assessment augmented reality
blended
call for proposals
Canvas classroom
communication computer science
Course Design CTL e-books
engagement events
faculty learning
communities
finals flipped learning
funding gamification hybrid
instructor presence Interaction
learning
learning
community
media MOOCs online physics
professional development
remote
remote
teaching
remote teaching and
learning
research
Research Advancing Pedagogy (RAP)
social engagement social media
student support TAC.FM
teaching technology
Thinking video workshop
Zoom

<https://blogs.oregonstate.edu/osuteaching/2020/08/05/elevating-student-engagement-in-breakout-rooms/>



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Where to begin

- Look within
- Start small
- Save these resources for later



Thank you!

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@hsiburt



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CLOSE

QR code

DOWNLOAD



https://padlet.com/hannah_siburt/ubm1du0xye7ee394