



# Communication Sciences and Disorders

Central Michigan University

## Communication is Central: A Professional Learning Event Series

Presents:

# Risk of Noise-Induced Hearing Loss in Youth Populations

Wednesday, March 29, 2023 ~ 12:00 p.m. - 1:00 p.m. EST • FREE Event • Held Virtually



### Presenter:

*Sarah Grinn, Ph.D., Au.D. conducts clinically-translatable auditory research that advances our understanding of individual susceptibility to peripheral and central noise injury. Research in the Grinn Hearing Lab aims to reduce the incidence of recreational and occupational noise-induced hearing loss by improving the current damage-risk model of auditory safety.*

*Relevant Financial Disclosures - Sarah Grinn receives a salary from Central Michigan University. Relevant Nonfinancial Disclosures - none.*

### Course Description:

This course entails critical analysis (fact or fiction?) of risks for noise-induced hearing loss (NIHL) in youth populations, with discussion about the influence of today's media. It also teaches evidence-based NIHL prevention strategies, including measurement of earbud music output, noise dose, and prescription of hearing protection, as demonstrated via pediatric and adolescent case studies.

This event is free of charge and available to anyone interested in attending.

### Learning Outcomes:

1. Participants will be able to discern fact from fiction when it comes to commonly reported NIHL risks in youth populations.
2. Participants will be able to measure earbud music output to determine if it is hazardous to the auditory system.
3. Participants will be able to prescribe custom hearing protection based mathematically on the patient's music noise exposure.

### Agenda:

12:00-12:20 p.m.	Review of literature vs. review of popular media coverage (fact vs. fiction)
12:20-12:35 p.m.	Measure earbud music output
12:35-12:50 p.m.	Mathematically prescribe custom hearing protection
12:50-1:00 p.m.	Questions and Discussion

**Register Today at:** <https://bit.ly/3GCBCQy>

Free Event - (Registration closes on 03/22/2023)

The link for the virtual Professional Learning Event Series will be sent to your email address prior to the event.

### Continuing Education:



**ASHA CE**  
**APPROVED PROVIDER**

Central Michigan University  
Department of Communication  
Sciences and Disorders

Intermediate Level  
0.10 ASHA CEUs