= 발제강연(11/1(월)) =

# Effectiveness of Computer-based Hearing Test and Tailored Training

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**Effectiveness of Computer-based Hearing Test and Tailored Training** 

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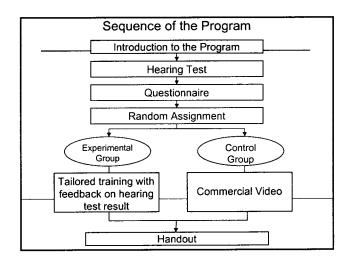
#### Introduction

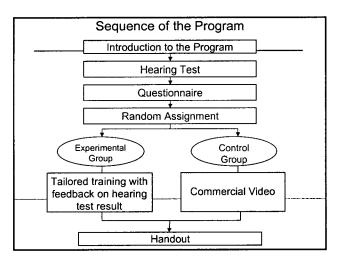
- Rapid advances in computer technology and accessibility enable health researchers to provide cost-effective, individually tailored interventions for behavioral change.
- Using advanced multimedia computer technology, this study developed and tested an interactive multimedia self-administered hearing screening test and tailored intervention program to prevent noiseinduced hearing loss among construction workers.

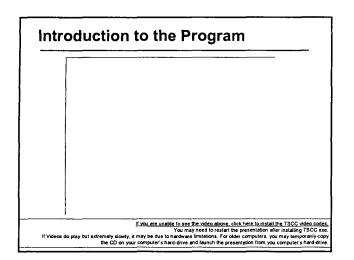
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#### Introduction

- The program was designed by a multidisciplinary team and utilized a model derived from the Health Promotion Model and Social Cognitive Theory as the theoretical foundation.
- . The program consists of four parts: Introduction, Hearing Screening Test, Survey, and Tailored Training. This demonstration covers each of these parts.

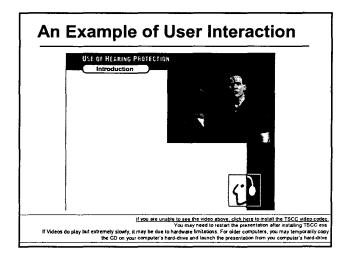


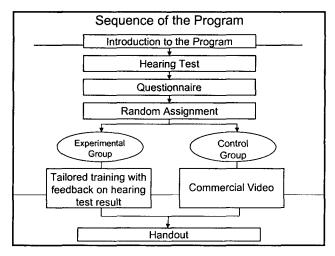


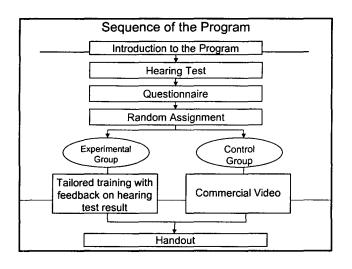


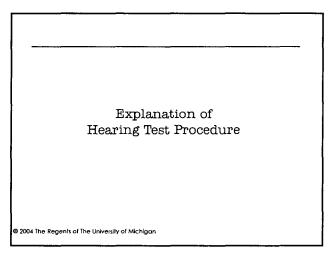
# An Example of User Interaction

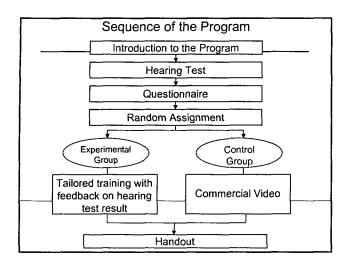
 The Hearing Test allows the user to interactively enter their personal information.

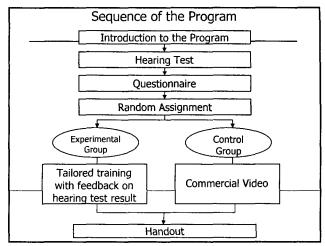






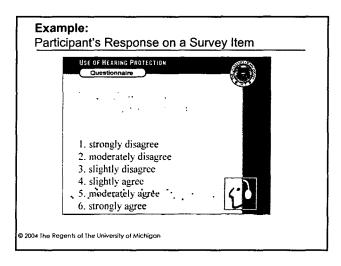


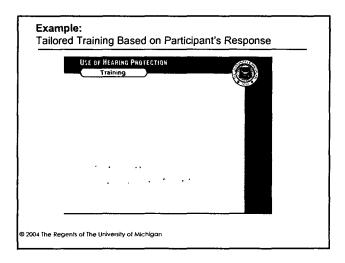


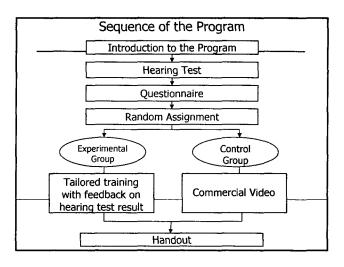


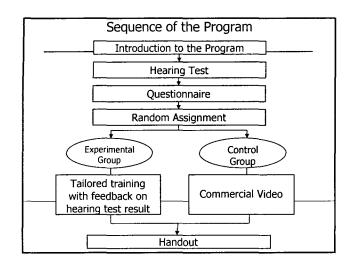
### **Tailored Training**

 Based on the participant's response on a predictor item on the questionnaire, tailored training is given as shown in the following videos...

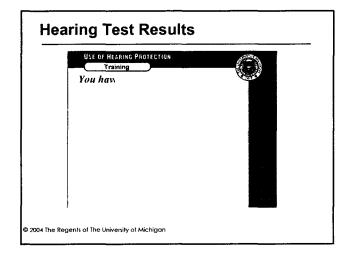


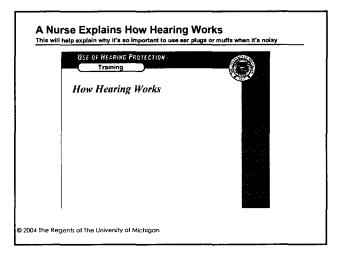


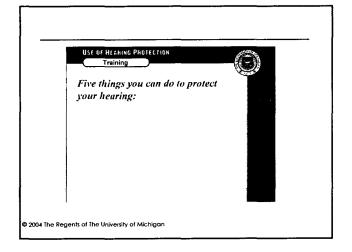




If the hearing test results showed workers' hearing had severe hearing loss, the worker received the following content as part of the intervention...







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- Demo CD Production
  - ~ Ruthvick H. Divecha

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## **Thank You!**

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