



How the Ear Works: An Interactive Journey Through Ear Anatomy

Virtual Science Café by U.S. Army Lt. Col. (Ret.) John Merkley

Thursday, Oct. 24, 11 a.m. – On Facebook @MedicalMuseum

Join NMHM during Audiology Awareness Month for a virtual science café with U.S. Army Lt. Col. (Ret.) John Merkley from the Hearing Center of Excellence to learn how the amazing ear works and what can cause hearing loss. Merkley will demonstrate the anatomy of the ear using HCE's 3D interactive ear models that enable you to explore both normal physiology and 14 different ear diseases. Additionally, viewers can experience and learn what hearing loss can sound like through special simulators, and witness how hair cells, which enable hearing, are damaged through an engaging demonstration.

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Images courtesy of NMHM and HCE
Top left: Diagrammatic View of the Organ of Hearing (Reeve 063729)
Top right: Ear with Tubes from HCE's 3D Interactive Ear Models
Bottom: Papier-Mâché Model of Human Ear (180208-D-MP902-0004)