Effects of Aging on Audition

INTRODUCTION

This journal self-study course is composed of papers from the 7th Aging and Speech Communication Conference (April 2019). The articles cover a range of topics about speech processing in normal aging, including changes in auditory pathways and cortical structures in older adults with and without hearing loss; the relationship between cognitive skills and hearing performance in older adults; speech perception of older and younger adults when certain linguistic factors are manipulated; and age-related effects of processing accented speech in native and non-native speakers.

LEARNING OUTCOMES

You will be able to:

- Explain auditory pathway and cortical changes seen in aging and how these changes correspond to hearing ability
- Summarize age-related performance differences in processing speech when prosodic or lexical factors are manipulated
- Describe how the relationship between cognitive functions and speech processing can potentially inform how hearing is managed in aging
- Explain how aging affects perception of foreign-accented speech in native and non-native speakers

CONTENTS

Age Effects on Neural Representation and Perception of Silence Duration Cues in Speech, by Lindsey Roque, Casey Gaskins, Sandra Gordon-Salant, Matthew J. Goupell, and Samira Anderson
(https://doi.org/10.1044/2018_JSLHR-H-ASCC7-18-0076) ........................................ 17 pages

Poorer Speech Reception Threshold in Noise is Associated With Lower Brain Volume in Auditory and Cognitive Processing Regions, by Mary Rudner, Mark Seeto, Gitte Keidser, Blake Johnson, and Jerker Rönnberg
(https://doi.org/10.1044/2018_JSLHR-H-ASCC7-18-0142) ........................................ 13 pages

Lexical Influences on Errors in Masked Speech Perception in Younger, Middle-Aged, and Older Adults, by Alexandra Jesse and Karen S. Helfer
(https://doi.org/10.1044/2018_JSLHR-H-ASCC7-18-0091) ........................................ 14 pages

(https://doi.org/10.1044/2018_JSLHR-H-ASCC7-18-0120) ........................................ 20 pages

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Age-Related Differences in the Perception of Emotion in Spoken Language: The Relative Roles of Prosody and Semantics, by Boaz M. Ben-David, Sarah Gal-Rosenblum, Pascal H. H. M. van Lieshout, and Vered Shakuf
(https://doi.org/10.1044/2018_JSLHR-H-ASCC7-18-0166) ................................. 14 pages

PROGRAM HISTORY and IMPORTANT INFORMATION

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Start date: December 17, 2020
End date: December 17, 2023

To earn continuing education credit, you must complete and submit the learning assessment on or before December 17, 2023.

This course is offered for 1.15 ASHA CEUs (Advanced level, Professional area).