

Speech Perception and High Cognitive Demand

NCT04997577

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|-------------------|--------------------------------------|
| Status | RECRUITING |
| Phase | Not Applicable |
| Sponsor | University of Maryland, College Park |
| Enrollment | 100 participants |

Key Eligibility Criteria

Inclusion (5)

- Aged between 65 - 85 years
- Normal hearing (pure tone thresholds \leq 25 dB HL from 250 - 8000 Hz)
- Self-reported normal or corrected-to-normal vision
- Dominant language: American English
- Education: a high school diploma or higher education level

Exclusion (10)

- Middle-ear or inner-ear pathology
 - Non-native speaker of English
 - Inability to complete all training sessions within a pre-specified time window (e.g., due to unexpected schedule restrictions)
 - Learning disorders
 - Metal in body that induces a data artifact for MEG recording (e.g., excessive metal dental work) or that poses a safety issue in the MRI portion (e.g., pacemakers, neural implants, metal plates or joints, shrapnel, and surgical staples)
- ... and 5 more (see full listing online)

Locations (2 total)

Department of Hearing and Speech Sciences, College Park, Maryland, United States
Maryland Neuroimaging Center, College Park, Maryland, United States