



We are School of Audiology & Speech Sciences,
studying brain waves when people read English.

Inclusion Criteria for Participation

The following list will help in determining if you can participate in this study. Please read over this list carefully. If any of the following is missing, you will not be able to participate in this study.

For Group 1, students at ELI

- Mandarin as first language. Can read simplified Chinese.
- English is your second language, started after 6 years of age.
- Finished standard high school curriculum in China.
- Have been living in English speaking countries for less than 6 months.

For Group 2, Mandarin speaking undergrad or graduate students

- Mandarin as first language. Can read simplified Chinese.
- English is your second language, started after 6 years of age.
- Finished standard high school curriculum in China.
- Have been living in English speaking countries for longer than 5 years.

For Group 3, English speaking undergrad or graduate students

- English is the only language that you are fluent or proficient.
- No prior exposure to Chinese and Japanese language.

For all participants

- Between 18 and 35 years of age
- Right handed
- Normal vision (corrected) and hearing
- No major medical or psychological challenges
- Have not taken phonetics or phonology, both branches of linguistics, nor received relevant training.

Exclusion Criteria for Participation

The following list will help in determining if you can participate in this study. Please read over this list carefully. If any of the following apply, you will not be able to participate in this study.

Sensory Impairments

Impaired vision (unless corrected using contact lenses or glasses)

Impaired hearing

Cognitive Challenges/Impairments

ADD/ADHD	Autism	Speech/language impairments
Depression	Fetal Alcohol Syndrome	Antisocial Personality Disorder or Conduct Disorder
Psychosis	Dyslexia	Concussion (recent or with long-lasting effects)
Down's Syndrome	Cerebral Palsy	Perception/production impairments
Schizophrenia	Claustrophobia	Motor control disorder
Tourets Syndrome	Brain tumour	Epilepsy
Agnosia	Aphasia	Traumatic brain injury

Drugs/Medications

Anti-depressants – Prozac, celexa, etc

Anti-anxiety – Paxil, etc

Anti-psychotics – Lithium, etc

Hallucinogens – LSD, Magic Mushrooms, peyote

Stimulants – Cocaine, ephedrine, Ritalin, etc

Narcotics – codeine, morphine

Barbiturates/sedatives – Valium, Ketamine

Depressants – Alcohol

Marijuana

Other mind altering substances