

**Title of Project:** Brain markers of auditory integration in autism spectrum and language disorders

**Investigators:**

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Volunteers are needed to participate in a research study at the University of Western Ontario to investigate brain function during auditory processing. Children will participate a 2½-3½ hour session that will include testing of their language, thinking, and social interaction skills, and measurement of their brain's response to sounds using EEG. EEG is completely non-invasive and does not involve any form of radiation.

We need children who have **all of the following features:**

- aged 6-11 years old
- diagnosed with an Autism Spectrum Disorder (including Autism, PDD or Asperger Syndrome)
- could be described as “high-functioning” (e.g., have strengths in some areas of academics or thinking)
- able to speak in sentences of three words or more
- able to sit still for five minutes while watching a silent movie
- do not have a hearing impairment or a neurological disorder (such as seizures, cerebral palsy or hydrocephalus)

If interested, or for further information, please contact: Jessi Boehm, Research Coordinator at [jboehm4@uwo.ca](mailto:jboehm4@uwo.ca) or 519-611-2111 x88006.