

# Cochlear Implant Speech in Noise Processing

NCT06860152

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<b>Status</b>	RECRUITING
<b>Phase</b>	Not Applicable
<b>Sponsor</b>	Phillip Gander
<b>Enrollment</b>	150 participants

## Key Eligibility Criteria

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### Inclusion (9)

- Between 18 and 99 years of age.
  - Have a cochlear implant activated for more than one year.
  - Eligible for research under the Iowa Cochlear Implant Project VIII.
  - Ability to understand and willingness to sign a written informed consent document.
  - Severe hearing loss after age 16.
- ... and 4 more (see full listing online)

### Exclusion (4)

- Medical history includes seizure disorder, head injury, neurologic, metabolic, cardiovascular disease, or previous cerebrovascular event (unless approved by PI).
- Female self-reporting pregnancy. A urine pregnancy test will be performed prior to injection of the radiopharmaceutical.
- Currently taking medications which may affect cerebral blood flow (e.g., papaverine, ginkgo biloba, acetazolamide).
- Uncontrolled intercurrent illness that would limit compliance with study requirements per investigator.

## Locations (1 total)

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University of Iowa, Iowa City, Iowa, United States