

M. Eric Cui

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EDUCATION

- M.A. & Ph.D.** in Perception, Cognition, and Cognitive Neuroscience 2020-ongoing
U of Toronto & Rotman Research Institute, Supervisors: Allison Sekuler, Björn Herrmann
- H.B.Sc.** in Psychology, Statistics, and Mathematics 2015-2020
U of Toronto, Mississauga, Supervisors: Bruce Schneider, M. Kathy Pichora-Fuller

PEER-REVIEWED PUBLICATIONS

** denotes equal contribution; mentored students are underlined,*

1. Cui, M. E., Rabaglia, C. D., & Schneider, B. A. (2026). Age-related differences in the lexical priming effect can be predominantly attributed to differences in response bias. *Psychology and Aging*.
2. Ren, Y., Cui, M. E., & Herrmann, B. (2026). Attentional disengagement during external and internal distractions reduces neural speech tracking in background noise. *The Journal of Neuroscience*, 46(21), e1958252026.
3. Cui, M. E.*, Verno-Lavigne, E.*, Saxena, S., Fink, L. K., & Herrmann, B. (2025). Mobile Eye-Tracking Glasses Capture Ocular and Head Markers of Listening Effort. *JASA Express Letter* 5 (12), 125202.
4. Herrmann, B., & Cui, M. E. (2025). Impaired Prosodic Processing but Not Hearing Function Is Associated with an Age-Related Reduction in AI Speech Recognition. *Audiology Research*, 15(1), 14.
5. Cui, M. E., & Herrmann, B. (2023). Eye movements decrease during effortful speech listening. *Journal of Neuroscience*, 43(32), 5856-5869.

Under revision:

1. Cui, M. E., Ishida, I., Pichora-Fuller, M. K., Dillon Edgett, L., Paccioretti, D., Trusler, A., Voss, S. C., & Qian, J. Remote microphone technology (RMT) enhances listening in group conversations for older hearing aid users.
2. Rosario, E.*, Cui, M. E.*, Stropahl, M., Keller, M., ... & Qian, J. The impact of hearing-aid amplification and its integrated tinnitus feature on tinnitus management. [[ClinicalTrial.gov: NCT05292534](https://clinicaltrials.gov/ct2/show/study/NCT05292534)]

WHITE PAPER

1. Voss, S. C., Sheikh, B., & Cui, M. E. (2025). *Sound quality improvements with APD 3.0*. Phonak. [[LINK](#)]
[ClinicalTrial.gov: NCT05521308](https://clinicaltrials.gov/ct2/show/study/NCT05521308)
2. Ishida, I., Qian, J., Cui, M.E., (2024) The Effect of Hearing Aids on Tinnitus. Report is for internal use only.
[ClinicalTrial.gov: NCT05292534](https://clinicaltrials.gov/ct2/show/study/NCT05292534)

CONFERENCE PROCEEDINGS

1. Cui, M. E., Herrmann, B., & Sekuler, A. B. (2025). Age-related differences in preferred fixated region (PFR) for face perception. *Journal of Vision*, 25(9), 2824-2824.
2. Ishida, I., Sun, W., Cui, E., Stropahl, M., Keller, M., Rivera Rosario, E., ... & Qian, J. (2024). The impact of hearing-aid amplification and its integrated tinnitus feature on tinnitus management. *The Journal of the Acoustical Society of America*, 155(3_Supplement), A35-A35.
3. Cui, E., Vaheed, F., Clark, M., Herrmann, B., & Sekuler, A. (2024). The Effect of Fixation Location on Face Perception in Younger and Older Adults. *Journal of Vision*, 24(10), 911-911.
4. Cui, E., Vaheed, F. A., Roudaia, E., Herrmann, B., & Sekuler, A. B. (2023). Effects of Age and Fixation Location on Face Identification. *Journal of Vision*, 23(9), 5902-5902.

Last updated: Dec-10-2025

5. Costa, Y., ... Cui, E., ... & Laverdure, M. (2023). Canadian Consortium on Neurodegeneration in Aging (CCNA). *Canadian Geriatrics Journal: CGJ*, 26(1), 200-225.
6. Cochrane, J. G.*, Cui, M. E.*, ... Sekuler, A. B., & Bennett, P. J. (2022). The age-related effect of face masks on face identity and emotion perception. *Journal of Vision*, 22(14), 4343-4343.
7. Sharma, N., ... Cui, E., ... & Azizi, M. (2022). Canadian Consortium on Neurodegeneration in Aging (CCNA). *Canadian Geriatrics Journal: CGJ*, 25(1), 110-126.
8. Cui, M. E., Roudaia, E., Herrmann, B., & Sekuler, A. B. (2022). Effects of aging and emotion expressions on the interference between facial identity and emotion. *Journal of Vision*, 22(14), 3069-3069.
9. Cui, M., Roudaia, E., Herrmann, B., & Sekuler, A. B. (2021, December). Effects of aging and hearing loss on identity and emotion perception and stimulus interference in faces. In *PERCEPTION* (Vol. 50, No. 1, SUPPL, 96-97).

ADDITIONAL RESEARCH AND PROFESSIONAL EXPERIENCE

- *Course Instructor*, Dept. of Psychology, U of Toronto 2024
 - o Introductory Statistics ($n = 180$; in-person) & Advanced Statistics ($n = 190$; online)
- *Research Analyst*, Sonova Group (Unitron, Phonak, & Sonova) 2020-ongoing
- *Research Assistant*, Team 17, Canadian Consortium on Neurodegeneration in Aging 2022-2024
- *Volunteer Research Assistant*, Speech-Language, Audiology Canada 2022-2024
- *Summer Intern*, Rotman Research Institute 2019

SELECTED ONGOING ADMINISTRATIVE & VOLUNTEER EXPERIENCE

- *EDI Coordinator & Crafting Research with EDI Training*, Funder, Dept. of Psychology, U of Toronto
- *Reviewer*, Aging and Mental Health

SCHOLARSHIPS, AWARDS, AND RESEARCH FUNDS

2025	Doctoral Completion Award, Dept. of Psychology, U of Toronto	\$9,200
2024	Milestones and Pathways Funding, U of Toronto	\$1,950
2022-2025	Conference grant, Dept. of Psychology & U of Toronto	\$3,500
2022, '24, '25	Finkler Graduate Student Fellowship, Rotman Research Institute	\$8,300
2023	Travel award, Canadian Association on Gerontology	\$150
2023	Trainee Research Support Program Funds, CCNA	\$1,000
2023	Knowledge Translation and Education Funds, CCNA	\$1,000
2023	Travel award, The Association for Research in Otolaryngology	\$500
2021-2026	Jack and Rita Catherall Travel Fund, Rotman Research Institute	\$1,700
2021	Synapse Major Research Funds, CCNA	\$10,000
2021	Women, Sex, & Gender Research Funds, CCNA	\$5,000
2021	Knowledge Translation and Exchange Funds, CCNA	\$5,000
2021	Toni Balatinecz Memorial Awards, Rotman Research Institute	\$500
2020-2024	Graduate Student Fellowship, Dept of Psychology, U of Toronto	\$8,000
2020	Undergraduate Research Grant, U of Toronto, Mississauga	\$500
2020	Hétu Undergraduate Student Prize, Canadian Acoustic Association	\$150
2018, 2020	Student Recognition Award of Achievement, U of Toronto, Mississauga	\$1,500

MENTORED RESEARCH STUDENTS

Thesis: Emilie Verno-Lavigne (U of Toronto), Farhan Vaheed (McMaster), David Clark (McMaster)

Co-op: Rojin Firooz, Lisa D'Souza, Saba Junaid, Tiffany Lao

Research assistant and volunteers: Janet Pham, Yifei Wang, Nina Yue, Andrew Coles