

Sonova Innovation Centre Toronto

Newsletter October 2022



The Sonova Innovation Centre Toronto (ICT) is part of Sonova's global research and development and works closely with global innovation teams within the company as well as external research collaborators such as hearing clinics and universities in North America. The team mainly conducts clinical studies both in early phase development of products and platforms and for new product validations. The team is made up of audiologists, researchers, and technical experts.

We hope you enjoy this newsletter about hearing research, technology, and our activities!

Jinyu Qian, PhD

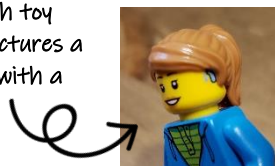
Vice President, Sonova ICT, ON, Canada

Adjunct professor, State University of New York at Buffalo, NY, U.S.A.



The ICT team summer 2022: Bilal, Carolina, Ieda, Nancy, Jinyu, Jonathan (not pictured: Solveig).

Did you know? Danish toy maker Lego manufactures a female figure head with a hearing aid!



New technology spotlight



Did you already hear about Phonak SmartSpeech™ Technology? Check out Phonak's website for to learn more about this new Lumity

feature: <https://tinyurl.com/smartspeech>

Completed studies

In summer 2019, Sonova ICT and the University of Toronto conducted a study to investigate motion-based signal processing for hearing aids. Participants walked along a pre-defined track and had to complete hearing tasks and rate the sound quality. Hearing performance and subjective ratings were higher with motion sensor input than without. Participants for the study were recruited from Hearing Excellence clinics in Oakville and Burlington. Connect Hearing Oakville helped with recruitment in earlier phases of this project. Read more about this exciting study in the Field Study News (<https://tinyurl.com/MotionSensorFSN>) or in the International Journal of Audiology (<https://tinyurl.com/MotionSensorPaper>).

Ongoing studies

We are currently recruiting for a research project in Mississauga that involves hearing aid fitting and listening in noise. We are also looking for participants for a study at Western University in London (see attached flyer). Please contact us!

Contact

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Our
research
partners:



Interested in
research?
Contact us!

