



2022
 ROTMAN RESEARCH INSTITUTE
 VIRTUAL CONFERENCE

Aging & the Brain

Monday, March 21, 2022 (times are in EST)

8:30 a.m.	Virtual RRI Gather.Town Doors Open
9:00 a.m. - 11:30 a.m.	Plenary I: Sensation, perception, and cognition in healthy aging Session Chair: Dr. Claude Alain
9:05 a.m.	Keynote address: Perception and cognition in aging brains: Some inconvenient truths Dr. Robert Sekuler, Brandeis University
9:40 a.m.	Auditory cortical plasticity in older adults Dr. Björn Herrmann, Rotman Research Institute
10:00 a.m.	Visual Perception: Effects of aging and limits of compensation Dr. Allison Sekuler, Rotman Research Institute
10:20 a.m.	Seeing, hearing, moving: Age-related changes to multisensory integration and self-motion perception Dr. Jennifer Campos, KITE - Toronto Rehabilitation Institute, University Health Network
10:45 a.m.	The intersection of memory and active vision in aging Dr. Jennifer Ryan, Rotman Research Institute, University of Toronto
11:05 a.m.	Panel discussion with Dr. Rosanna Olsen
11:30 a.m. - 12:30 p.m.	Networking in Gather.Town 11:30 - 11:45 Meet the plenary speakers in the Speakers' Square, main lobby 11:30 - 12:30 Visit the sponsor booths 11:45 - 12:15 <i>Speed networking</i> in the Orange Room 12:00 - 12:30 <i>Women in Science</i> social in the Lounge

1:30 p.m. - 2:50 p.m.	Poster Session in Gather.Town 1:30 - 1:50 Spotlight poster presentations in the Yellow Room 1:50 - 2:50 Interactive poster presentations in the Yellow Room
3:00 p.m. - 4:55 p.m.	Plenary II: Sensation and perception in neurodegenerative disorders Session Chair: Dr. Claude Alain
3:05 p.m.	Olfaction as a window to the aging brain Dr. Jonas Olofsson, Stockholm University
3:25 p.m.	Vision and visual perception in relation to cognition in Parkinson's disease and Alzheimer's disease Dr. Alice Cronin-Golomb, Boston University
3:45 p.m.	Hearing, cognition, and brain structure: Initial findings from the COMPASS-ND study Dr. Natalie Phillips, Concordia University
4:10 p.m.	Cognitive & Sensory Deficits in Neurodegenerative Disorders: Translating Mechanism to Treatment Dr. Quincy J. Almeida, Wilfrid Laurier University
4:30 p.m.	Panel Discussion with Dr. Nicole Anderson
4:55 p.m. - 5:40 p.m.	Reception in Gather.Town 4:55 - 5:10 - Meet the plenary speakers in the Speakers' Square, main lobby Meet other attendees in our various spaces, such as the lounge, patio, and gazebo.

Tuesday, March 22, 2022 (times are in EST)

8:30 a.m.	Virtual RRI Gather.Town Open
9:00 a.m. - 11:15 a.m.	Plenary III: Training interventions to enhance perception and cognition in older age Session Chair: Dr. Eugenie Roudaia
9:05 a.m.	How to keep the older brain and mind healthy: Interventions that could help Dr. Soledad Ballesteros, Universidad Nacional de Educación a Distancia (UNED)
9:25 a.m.	Rapid sensory stimulation (40 Hz) supports perceptual training Dr. Bernhard Ross, Rotman Research Institute
9:45 a.m.	Non-invasive neurostimulation during short training interventions enhance cognitive control across the adult lifespan Dr. Theodore Zanto, University of California San Francisco
10:10 a.m.	Processing of complex dynamic visual scenes in healthy aging: Perceptual-cognitive functions and potential training benefits of using the 3D-MOT paradigm Dr. Jocelyn Faubert, Université de Montréal
10:30 a.m.	Piano Training on Cognitive and Psychosocial Outcomes in Aging Dr. Jennifer Bugos, University of South Florida
10:55 a.m.	Panel discussion with Dr. Jed Meltzer
11:15 a.m. - 12:15 p.m.	Networking in Gather.Town 11:15 - 11:30 Meet the plenary speakers in the Speakers' Square in the main lobby 11:15 - 12:15 Visit the sponsor booths 11:30 - 12:00 <i>Sensory and Cognitive Scientists Interacting - Big Questions in the Field</i> , the Green Room

1:15 p.m. - 2:35 p.m.	Poster Session in Gather.Town 1:15 - 1:35 Spotlight poster presentations in the Blue Room 1:35 - 2:35 Interactive poster presentations in the Blue Room
2:45 p.m. - 4:50 p.m.	Plenary IV: Innovations to enhance sensory function for improved quality of life Session Chair: Dr. Björn Herrmann
2:50 p.m.	Keynote address: Sensory capacity and functioning in integrated care for older people Dr. Kathleen Pichora-Fuller, University of Toronto, Simon Fraser University
3:25 p.m.	Hearing loss and dementia - from epidemiological insights to the ACHIEVE trial Dr. Frank Lin, Cochlear Center for Hearing and Public Health, Johns Hopkins University
3:45 p.m.	Implementing hearing screening in memory care Ms. Marilyn Reed, Baycrest
4:05 p.m.	Strategies and Technologies: Supporting functioning for older adults with combined vision, hearing and cognitive difficulties Dr. Walter Wittich, Université de Montréal
4:30 p.m.	Panel discussion with Dr. Morris Freedman
5:00 - 5:10 p.m.	Poster Awards and Closing Remarks
5:10 p.m. - 5:45 p.m.	Closing Reception in RRI Gather.Town 5:10 - 5:25 Meet the plenary speakers in the Speakers' Square in the main lobby
6:00 p.m.- 7:15 p.m.	Public Panel Discussion: Seeing Through the Noise: Taking Control of our Aging by Taking Care of our Senses
	Moderator: Jay Ingram , Canadian author, broadcaster, and public speaker Panelists: Dr. Jane Barratt , Secretary General, International Federation on Ageing (IFA) Carrie Cusker , Head of Immersive Experience, Embodied Labs Marilyn Reed , Audiology Practice Advisor, Baycrest Centre for Geriatric Care Dr. Allison Sekuler , Sandra A. Rotman Chair in Cognitive Neuroscience, Rotman Research Institute; President & Chief Scientist, Baycrest Academy for Research and Education, Baycrest Centre for Geriatric Care; President & Chief Scientist, Centre for Aging + Brain Health Innovation (CABHI); Professor, University of Toronto and McMaster University

Please [visit our website](#) for more details.