

2024 CARLETON UNIVERSITY COGNITIVE SCIENCE GRADUATE CONFERENCE

SCHEDULE

10:00 Conference Opens

A Help yourself to some coffee/tea/pastries, set up your poster, explore the space, network

1 10:20 - 10:50 **WiCSC+ Trainee Presents "Academic CVs and Resumes"**

10:50 - 10:55 **UCA Presents "Uniting Cognitive Science – Better the Future of CogSci Undergraduates"**

1 11:00 - 12:05 Lightning Talks and Talks **2**

11:00 - 11:05
Consciousness in Alzheimer's Disease: A
Multidimensional Approach
Salah Aziz (Carleton University)

11:05 - 11:20
Insights into Cognitive Reserve Using Multi-Modal MRI
Imola MacPhee (Carleton University)

11:20 - 11:35
But What Did You Really Mean? Language Background
and the Noisy Channel Theory
Tyler Call (Carleton University)

11:35 - 11:50
Neurobiological Correlates of Bilingualism: A Multi-
Method Structural Neuroimaging Approach
Somayya Saleemi (University of Ottawa)

11:50 - 12:05
Schizophrenia-Like Traits and Linguistic Abilities in Two
Languages: Results from a Large Online Study
Arthur Hamilton (Carleton University)

11:00 - 11:05
Timescales Connect Neural and Behavioral Dynamics
Noah Chuipka (Carleton University)

11:05 - 11:10
Effects of Captioning on Time Compressed Video Lecture
Comprehension
Odin Fisher-Skau (Carleton University)

11:10 - 11:15
Defining Value for Bargaining Between Labour and
Employer
Maria Vorobeva (Carleton University)

11:15 - 11:30
Co-Constructing Professional Development: A
Framework for Fostering Educators' Professional Growth
Zachary Savelson (Carleton University)

11:30 - 11:45
Metacognitive Mechanisms of the Attentional Training
Technique
Brendan Conway-Smith (Carleton University)

11:45 - 12:00
What's the Point of the Ground? Type Theory <3
Cognitive Model Semantics
Eilene Tomkins Flanagan (Carleton University)

12:05 - 13:00 Lunch

A Pick up your lunch order (committee members will be passing them out)

13:00 - 14:00 Poster Session I **A**

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| 1 | A Cross-National Study of Math Language Learning | Taeko Bourque (Carleton University) |
| 2 | Measuring Preschoolers' Understanding of Number Words | Liza Kahwaji (Carleton University) |
| 3 | Exploring the Relationship Between Rapid Automatized Naming Tasks and the Development of Reading and Numeracy Skills | Jenna Rice (Carleton University) |
| 4 | Unlocking the Equation: Exploring the Impact of Early Numerical Competency in Determining Future Mathematics Achievement | Ayushi Chitranshi (Carleton University) |
| 5 | The Effect of Gender on the Efficacy of an Expressive Writing Intervention | Christen Potvin (University of Ottawa) |
| 6 | Perceived Trustworthiness in Deliveries of Speech: The Influence of Filler Words and Rate of Speech | Laura Burrell, Faith Chambers, Leah Marshall, Jenn Stranaghan, Grace Yee (Carleton University) |
| 7 | Bilinguals' Sentence Processing in the Presence of Auditory Distraction: Evidence from a Self-paced Reading and Stroop Task | Setareh Dorood (University of Ottawa) |
| 8 | Individual Variation in French-L2 Spelling | Kenda Parsons (Carleton University) |
| 9 | Why Do We Trust What We Hear? | Renad Al Farra, Naomi Brake, Tal Friedman, Stephane Tremblay, Danielle Vinson (Carleton University) |
| 10 | Examining Head-Driven Phrase Structure Grammar | Chester Leopold, Carleton University |
| 11 | The Language of the Gettier Paradoxes | Katie Van Luven (Carleton University) |
| 12 | The Effects of Language Modality on Embodied Cognition | Larkin Kitsemety, Ruth Nobossi, Amanda Schmidt, Aahana Uppal (Carleton University) |

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SCHEDULE

14:00 - 15:00 Poster Session II

A

13	Causal Selection Tasks in ACT-R	Spencer Eckler (Carleton University)
14	Identifying At-Risk Drivers With Sensor-Based Methods	Tal Friedman (Carleton University)
15	Optimizing Encoder Selection and Implementation for Enhanced Retrieval-Augmented Generation Performance in Natural Language Processing Tasks	Samer Al Assafin (Carleton University)
16	Imagine a Room: Procedural Generation of 3D Indoor Scenes as Depiction of Human Visual Imagination	Isil Sanusoglu (Carleton University)
17	Evaluating the Utility of Notional Machine Representations to Help Novices Learn to Code Trace	Veronica Chiarelli (Carleton University)
18	Student Annotations of ChatGPT Output for Programming Code-Traces	Abbey Gandhi (Carleton University)
19	ChatGPT and Human Morality: Exploring the Dynamics of Individual and Group-Based Actions	Martha Roblin, David Stavin (Carleton University)
20	Enhancing Programming Education: Investigating Learning Gains and Student Engagement with Artificial Intelligence and Traditional Materials	Marie Blais (Carleton University)
21	Dimensionality of Distress	Josh Goheen (Carleton University)
22	Preserved Retrieval of Episodic Memory Sequences Post-Chemotherapy in Women with Breast Cancer	Defne Oksit (University of Ottawa)
23	Decoding the Dual-Coding: An EEG Study on the Neural Pathways of Language and Mental Imagery	Masih Zaamari, Grace Yee (Carleton University)
24	Functionally Localizing Language-Sensitive Electrodes in Individual Participants with EEG/ERPs	Nayna Kirubakar (Carleton University)

15:00 - 16:30 Keynote Address

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Cognitive Science Past (at Carleton) and Future (A Unified Theory of Cognition?)

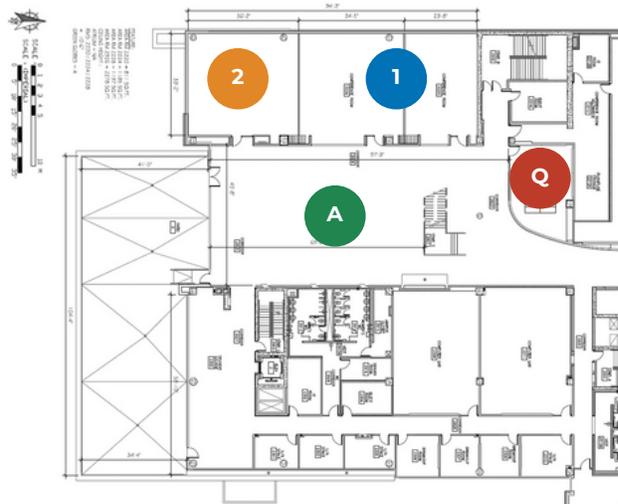
Dr. Andrew Brook (Chancellor's Professor of Cognitive Science and Philosophy Emeritus)

16:30 Conference Closes

16:30 Post-Conference Event

Mike's Place Join us at Mike's Place for an evening of relaxation, networking and delicious food and drinks!
*Food and drink not included in registration

Floor Plan



- 1 Room 1 (RB2220 & RB2224)
- 2 Room 2 (RB2228)
- A Atrium
- Q Quiet Room (RB2211)