

The Canadian Concussion Centre presents:

11th Annual Concussion Research Symposium

Update on Research and Care for the Concussion Spectrum of Disorders
Friday, April 26, 2024 | Hybrid: Zoom and BMO Education & Conference
Centre at Toronto Western Hospital

Session Information

7:00 – 8:00	Registration and Breakfast
8:00 – 8:10	Canadian Concussion Centre Conference: Opening Remarks Dr. Charles H. Tator , Professor of Neurosurgery, University of Toronto, Director, Canadian Concussion Centre
Chair: Dr. Carmela Tartaglia Marion and Gerald Soloway Chair in Brain Injury and Concussion Research, Associate Professor, Tanz Centre for Research in Neurodegenerative Diseases, University of Toronto	
8:10 – 8:50	Invited Speaker: Dr. Chris Nowinski, Neuroscientist, Founding CEO, Concussion Legacy Foundation Title: Conquering the Controversy of CTE Causation: When Science and Advocacy Collide
8:50 – 9:05	Podium Presentation: <u>Indira Ruth Garcia Cordero</u> , A. Vasilevskaya, F. Taghdiri, M. Khodadadi, D. Mikulis, A. Tarazi, A. Mushtaque, N. Anssari, B. Colella, R. Green, E. Rogaeva, C. Sato, M. Grinberg, D. Moreno, MW. Hussain, K. Blennow, H. Zetterberg, KD. Davis, R. Wennberg, CH. Tator, MC. Tartaglia Title: Default Mode Network Alterations in Neurodegenerative Biomarker-Positive Athletes with Repeated Concussions
9:05 – 9:25	Invited Speaker: Dr. Douglas Fraser, Professor/Clinician Scientist, Western University, London, Ontario, Canada Title: Blood Biomarkers of Mild Traumatic Brain Injury
9:25 – 9:50	POSTER SESSION: Rapid Podium Presentations – (3 min/poster) Posters # 1-6
9:50 – 10:15	Refreshment Break and Poster Viewing
10:15 – 10:55	Invited Speaker: Dr. Inga Koerte, Professor of Neurobiological Research in Child and Adolescent Psychiatry, cBRAIN, LMU University Hospital Title: Neuroimaging of Repetitive Head Impacts
10:55 – 11:10	Podium Presentation: <u>Vishaal Sumra</u> , JG. Sled, S. Spring, GG. Kovacs, C. Tartaglia Title: Post-mortem MR Imaging of Tau Pathology – A Pilot Study
11:10 – 11:30	Canadian Concussion Centre (CCC) - Co- Principal Investigator: Dr. Robin Green, Clinical Neuropsychology, Saunderson Chair in acquired brain injury, Founder/Director - TeleRehab Centre for Acquired Brain Injury Title: KITE TeleNeuroRehab Centre for ABI: Cognitive Intervention Findings for Patients with Prolonged Symptoms of Concussion

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11:30 – 12:10	Invited Speaker: Dr. Miriam Beauchamp, Neuropsychologist, Professor, Department of Psychology, University of Montreal Title: Bridging the Early Childhood Concussion Gap Using Unique Developmental Approaches
12:10 – 1:10	Lunch Break and Poster Viewing
Chair: Dr. Robin Green Clinical Neuropsychology, Saunderson Chair in acquired brain injury, Founder/Director TeleRehab Centre for Acquired Brain Injury	
1:10 – 1:50	Invited Speaker: Dr. Shawn Marshal, Professor and Division Head of Physical Medicine and Rehabilitation at the University of Ottawa and the Ottawa Hospital Title: Living Concussion Guidelines for Adults
1:50 – 2:05	Podium Presentation: <u>Lyn Turkstra</u> , J. Bosch, J-M. Mercier Title: Development and Pilot Implementation of a Strategy-based Cognitive Rehabilitation Protocol for Canadian Armed Forces and RCMP Veterans with Chronic mTBI
2:05 – 2:25	Invited Speakers: Dr. Mark Bayley, Program Medical Director & Psychiatrist-in-Chief at UHN-Toronto Rehabilitation Institute Judith Gargaro, Manager Neurotrauma Care Pathways Initiative, UHN - Toronto Rehabilitation Institute, KITE Research Institute Title: Are Concussion Patients on The Path to Best Practice Concussion Care? Experience from Neurotrauma Pathways Initiative
2:25 – 2:40	Podium Presentation: <u>Chloe Buso</u> , Dr. Charles Tator Title: Assessment of a Flicker-Free Screen for Treatment of Computer Screen Intolerance in Patients with Persisting Concussion Symptoms
2:40 – 3:00	POSTER SESSION: Rapid Podium Presentations – (3 min/poster) Posters # 7-12
3:00 – 3:30	Refreshment Break and Poster Viewing
3:30 – 3:45	Podium Presentation: <u>Prashanth Velayudhan</u> , S. Pai, E. Nishat, S. Ameis, KO. Yeats, AL. Wheeler Title: Biopsychosocial Subtypes of Pediatric Concussion Predict Behavioural Impairment

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3:45 – 4:25	<p>Invited Speaker: Dr. Michael Buckland, Clinical Associate Professor, Sydney Medical School, University of Sydney, Australia, Director, Australian Sports Brain Bank, Australian Veterans Brain Bank</p> <p>Title: Chronic Traumatic Encephalopathy in Australia: The first 6 years of the Australian Sports Brain Bank</p>
4:25 – 4:40	<p>Podium Presentation: <u>Stefan Bianchi</u>, M. Hutchison, Al. Di Battista</p> <p>Title: Examining the Influence of Sex on the Risk of Future Musculoskeletal Injury Following Sports-Related Concussion</p>
4:40 – 4:55	<p>Dr. Charles H. Tator</p> <p>Title: The Cause of Concussion with Persisting Symptoms Determine Recovery and Type, Duration, and Number of Symptoms</p>
5:00	<p>Closing Remark</p> <p>Dr. Charles H. Tator</p>

Poster Presentations

Poster #	Title & Presenter
1	<p><u>Terrence Carolan</u></p> <p>Title: Introducing Field-Driven, Interdisciplinary Concussion Rehabilitation Program Accreditation Standards</p>
2	<p><u>Melissa Biscardi</u>, Z. Grossinger, A. Colantonio, M. Bayley, T. Mollayeva</p> <p>Title: Efficacy of Restitutive Interventions for Oculomotor Deficits in Adults with Concussion/Mild Traumatic Brain Injury: A Systematic Review and Meta-Analysis</p>
3	<p><u>Nicholas Moser</u>, MR. Popovic, S. Laksi-Ryan</p> <p>Title: Effectiveness of Personalized Aerobic Exercise Program in Adults Suffering from Persistent Concussion Symptoms: A Case Series</p>
4	<p><u>Sarah Belknap</u></p> <p>Title: A Policy Brief: Traumatic Brain Injury and Homelessness</p>
5	<p><u>Mack Hancock</u>, G. Sorrento, D. Tang-Wai, CH. Tator, MC. Tartaglia, A. Fasano</p> <p>Title: Concussions and Idiopathic Normal Pressure Hydrocephalus: Is there a correlation?</p>

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6	<u>Monica Szczypinski</u> , L. Kanger, E. Foster, P. Comper, Th. Chandra, M. Bayley Title: Analysing the Effect of Somatic Mediators on Post-Concussion Sleep Quality in the General Population: Findings from the Toronto Concussion Study
7	<u>Julia Taylor</u> , D. Richardson, A. Kam Title: A virtual competency-based curriculum on concussion for primary care residents: Exploring Peer-Learner-Residents' Feedback and Impacts on Self-Efficacy
8	<u>Julie Osbelt</u> , E. Foster, M. Bayley, Ch. Levy, Th. Chandra, P. Comper Title: Concussion Care Continuum: Mapping Publicly Funded Care Pathways within the Toronto Region Health Team
9	<u>Keely Barnes</u> , H. Sveistrup, S. Marshall, M. Bayley, M. Egan, M. Bilodeau Title: Investigation of a Virtual Concussion Assessment: a Feasibility Study
10	<u>Bianca Perry</u> , E. Foster, Th. Chandra, M. Szczypinski, M. Bayley, P. Comper Title: Beyond the Fog: Exploring Processing Speed, Concentration, and Cognitive Functioning in Early Concussion Recovery - Findings from the Toronto Concussion Study
11	<u>Jeffrey S. Brooks</u> , W. Allison, JP. Dickey Title: Compression Apparel Reduces Head Impact Magnitudes in Canadian Football Athletes
12	<u>Shelley Vaisberg</u> , A. Hunt, S. Ma, A. Peill Title: Brainbot, An Innovative mHealth App for Concussion Self-Management and Occupational Performance in Adults: A Mixed Methods Study Investigating Usability

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<https://events.myconferencesuite.com/ConcussionSym2024>

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