

# PROGRAM



2016 SYMPOSIUM

## Neuroscience Innovation for Improving Brain Health

COLLABORATION | INNOVATION | IMPACT



Campus Alberta  
**Neuroscience**

# THURSDAY, OCTOBER 20, 2016

10:30AM **Registration** VALLEY BALLROOM FOYER

11:00 – 11:15AM **Welcome** VALLEY BALLROOM

**Justin Riemer**, Assistant Deputy Minister,  
External and Stakeholder Relations, Alberta Health

**Doug Zochodne**, Director, Neuroscience and  
Mental Health Institute, University of Alberta

**Grant McIntyre**, Executive Director, Campus  
Alberta Neuroscience

11:15AM – 12:15PM **Keynote Address** VALLEY BALLROOM

**Neurobiology of Infant Attachment, Trauma  
and Psychological Health**

**Regina Sullivan**, New York University

12:15 – 1:15PM **Lunch** VALLEY BALLROOM

1:15 – 2:30PM **SESSION 1A** VALLEY BALLROOM

## **Multiple Sclerosis**

CHAIR: **Bradley Kerr**, University of Alberta

OPENING REMARKS:

**The Meaning of MS Research: Demystifying the Area,  
Telling the Story and Creating Hope**

**Garry Wheeler**, MS Society of Canada, Alberta  
and NWT Division

**Tracking Iron in Multiple Sclerosis**

**Alan Wilman**, University of Alberta

**Epigenomics and Precision Medicine Approaches  
for Multiple Sclerosis**

**Olga Kovalchuk**, University of Lethbridge

**Repair: The Next Frontier**

**V. Wee Yong**, University of Calgary

CLOSING REMARKS:

**Perspectives on Multiple Sclerosis Research  
from a New Generation**

**Nicholas Fowler & Patrycia Rzechowka**

THURSDAY, OCTOBER 20, 2016

1:15 – 2:30PM

**SESSION 1B**

GLENORA ROOM

**Interactive Panel Discussion on Engaging People with Lived Experience of Depression in Research**

MODERATOR: **Lorraine Breault**, University of Alberta

LIVED EXPERIENCE REPRESENTATIVE:

**Dawn Southey Hills**, Lifestyle Meditation

LIVED EXPERIENCE REPRESENTATIVE:

**Kaj Korvela**, The Organization for Bipolar Affective Disorders Society

RESEARCH MEMBER:

**Katherine Aitchison**, University of Alberta

2:30 – 3:15PM

**Networking Break**

VALLEY BALLROOM FOYER

3:15 – 4:30PM

**SESSION 2A**

VALLEY BALLROOM

**Nervous System Injury**

CHAIR: **Trevor Barss**, University of Alberta

OPENING REMARKS:

**Living with Hope and Hype: Reflections of Research Impact on the Family**

**Teren Clarke**, Spinal Cord Injury Alberta

**Diagnostic Marker in Sport-related Concussion: A Metabolomics Approach**

**Gerlinde Metz**, University of Lethbridge &

**Chantel Debert**, University of Calgary

**Intervention and Rehabilitation Targets After Traumatic Brain Injury**

**Ibolja Cernak**, University of Alberta

**The Future of Collaborative NSI Research in Alberta**

**Karim Fouad**, University of Alberta

CLOSING REMARKS:

**Doug Manderville**

# THURSDAY, OCTOBER 20, 2016

3:15 – 4:30PM

## SESSION 2B

GLENORA ROOM

### Depression

CHAIR: **Andy Bulloch**, University of Calgary

OPENING REMARKS:

**The Alberta Dementia Research and Intervention Strategy**

**Andy Bulloch**, University of Calgary

**Fighting Stigma in Health Professionals**

**Scott Patten**, University of Calgary

**Brain Stimulation for Depression - Moving Forward**

**Frank MacMaster**, University of Calgary

**Automated Language-based Neuropsychiatric Diagnosis**

**Guillermo Cecchi**, IBM T.J. Watson Research Center

CLOSING REMARKS:

**Lived Experience Perspective on Depression**

**Terezia Farkas**, Canadian Depression Research and Intervention Network

4:30 – 6:30PM

### Poster Sessions and Networking Reception

VALLEY BALLROOM

**Poster Session A:** 4:30 – 5:30PM

**Poster Session B:** 5:30 – 6:30PM

6:30PM

### Symposium Dinner

VALLEY BALLROOM

FRIDAY, OCTOBER 21, 2016

7:30 – 8:30AM

**Breakfast**

VALLEY BALLROOM

8:30 – 8:45AM

**Opening Remarks**

VALLEY BALLROOM

8:45 – 10:00AM

**SESSION 3**

VALLEY BALLROOM

**Healthy Brain Aging & Dementia**

CHAIR: **Roger Dixon**, University of Alberta

OPENING REMARKS:

**Help for Today and Hope for Tomorrow**

**Christene Gordon**, Alzheimer Society of Alberta  
and Northwest Territories

**Novel Blood and Neuroimaging Markers of Alzheimer's  
Disease and Cerebral Amyloid Angiopathy**

**Eric Smith**, University of Calgary

**Cognitive Decline, Sleep and Aging: A Question of the  
Chicken or the Egg**

**Lauren Drogos**, University of Calgary

**A Novel Therapeutic Target for Alzheimer's Disease:  
the Amylin Receptor**

**Jack Jhamandas**, University of Alberta

CLOSING REMARKS:

**Lived Experience Perspective on Healthy Brain  
Aging and Dementia**

**Roger Marple**

10:00 – 10:45AM

**Networking Break**

VALLEY BALLROOM FOYER

FRIDAY, OCTOBER 21, 2016

10:45 – 12:00PM

**SESSION 4**

VALLEY BALLROOM

**Neuroimaging**

CHAIR: **Alan Wilman**, University of Alberta

OPENING REMARKS:

**Lived Experience Perspective on Neuroimaging**

**Luciene Garneau**

**High Resolution Imaging of the Medial Temporal Lobe:  
When Smaller is Better**

**Nikolai Malykhin**, University of Alberta

**Neuroimaging at the Peter S Allen MRI Research Centre**

**Christian Beaulieu**, University of Alberta

**Predicting the Future of Neuroimaging in Alberta**

**Brad Goodyear**, University of Calgary

CLOSING REMARKS:

**Neuroimaging in the Clinic**

**Michael Hill**, University of Calgary

12:00 – 1:00PM

**Lunch and Networking**

VALLEY BALLROOM

1:00 – 2:15PM

**Trainee Oral Presentations**

VALLEY BALLROOM

CHAIR: **Crystal Phillips**, Branch Out Neurological Foundation

**3-Minute Thesis Presentations**

**Zach Wanner**, University of Lethbridge

**Nicole Lantz**, University of Alberta

**Emmanuella Takyi**, University of Alberta

**Joanna Scanlon**, University of Alberta

**Aishah Abdul Rahman**, University of Alberta

**Mashal Fida**, University of Lethbridge

**Abel Torres Espín**, University of Alberta

**Research Talks**

**Trevor Barss**, University of Alberta

**Haley Vecchiarelli**, University of Calgary

**Allison Smith**, University of Alberta

**Thomas Johnson**, University of Calgary



# THANK YOU

TO OUR 2016 SYMPOSIUM PARTNERS



Campus Alberta  
**Neuroscience**



Canadian Depression Research  
and Intervention Network

*Alzheimer Society*  
ALBERTA AND  
NORTHWEST TERRITORIES



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For more details, visit

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