Event Agenda

8.30am - 8.50am  Attendees Join Event Via Panopto Link

8.50am - 9.00am  Opening Remarks
Dr. Sophia Frangou

9.00am - 9.15am  State of the Department Address
Dr. Lakshmi Yatham

9.15am - 10.15am Lightning Talks: First Set  (Moderator: Dr. Trisha Chakrabarty)

Ms. Laura Jones: Help-Seeking Behaviours Amongst B.C. University Students With Suicidal Plan and Intent

Dr. Victor Li: Functional outcomes with bright light in monotherapy and combined with fluoxetine in patients with major depressive disorder: Results from the LIFE-D trial.

Mr. Jeff Zhan: Trajectories of Response and Suicidal Ideation to 1Hz Stimulation in Patients with Treatment-Resistant Depression

Dr. Ruiyang Ge: Acute Functional Connectivity Changes Induced by Repetitive Transcranial Magnetic Stimulation Predict Therapeutic Response in Treatment-Resistant Depression

Mr. Pankaj Gupta: Real-time neural feedback of mesoscale cortical GCAMP6 signals for training mice

Dr. Mohammadali Nikoo: Opium Trial: a randomized controlled clinical trial comparing opium tincture with methadone for opioid substitution treatment

10.15am - 10.30am  15-Minute Break / Poster Viewing

10.30am - 11.30am  Dr. Carrie Bourassa and Dr. Cari McIlduff
Understanding traditional medicine’s role in Indigenous mental health
(Moderator: Dr. Sophia Frangou)
11.30am - 12.30pm  Lightning Talks: Second Set  (Moderator: Dr. Tim Murphy)

**Dr. Nicole Sanford:** Individual characteristics predicting the biological age of the brain in young healthy adults

**Mr. Jacob Stubbs:** Differential age-associated decline in MRI metrics of brain health among precariously housed individuals compared to the general population

**Ms. Ellen Koch:** In vivo striatal neural activity during motor skill learning and spontaneous behaviour in Huntington’s disease mice

**Dr. Clara Westwell-Roper:** Celecoxib versus placebo as an adjunct to treatment-as-usual in children and youth with obsessive-compulsive disorder: A single-site randomized quadruple-blind phase II study

**Dr. Cameron Woodard:** Chronic JZL184 treatment normalizes impaired striatal synaptic plasticity and motor learning in YAC128 Huntington disease mice

**Mr. Abhijit M. Chinchani:** Item-specific overlap between hallucinatory experiences and cognition in the general population: A three-step multivariate analysis of international multi-site data

12.30pm - 1.30pm  Break / Poster Viewing & Voting

1.30pm - 2.00pm  

**Dr. Jill Murphy**  
Advancing Post-COVID19 Mental Health Equity in Asia-Pacific  
(Moderator: Dr. Sophia Frangou)

2.00pm - 2.30pm  

**Dr. Annie Ciernia**  
The role of neuroinflammation in development and mental health  
(Moderator: Dr. Sophia Frangou)

2.30pm - 3.00pm  

Research Day Awards  
**Dr. T. Chakrabarty & Dr. T. Murphy**

UGE / PGE Awards & Closing Remarks  
**Dr. Lakshmi Yatham**
BASIC SCIENCE RESEARCH

Leo Arreaza, Todd Woodward
FUNCTIONAL ASSESSMENT OF THE FMRI-DERIVED COGNITIVE EVALUATION NETWORK

Judy Cheng, Ellen T. Koch, Lynn A. Raymond
BEHAVIOUR CHARACTERIZATION OF THE 10-MONTH-OLD Q175/B6 HUNTINGTON’S DISEASE MOUSE MODEL

Abhijit M. Chinchani, Mahesh Menon, Meighen Roes, Heungsun Hwang, Paul Allen, Vaughan Bell, Josef Bless, Catherine Bortolon, Matteo Cella, Charles Fernyhough, Jane Garrison, Eva Kozáková, Frank Laroi, Jamie Moffatt, Nicolas Say, Mimi Suzuki, Wei Lin Toh, Yuliya Zaytseva, Susan L. Rossell, Peter Moseley & Todd S. Woodward
ITEM-SPECIFIC OVERLAP BETWEEN HALLUCINATORY EXPERIENCES AND COGNITION IN THE GENERAL POPULATION: A THREE-STEP MULTIVARIATE ANALYSIS OF INTERNATIONAL MULTI-SITE DATA

Tony Fong, Timothy H. Murphy
PSYCO: PY-BASED SYSTEM FOR CHRONIC MONITORING OF RODENT SPECIES, AN OPEN-SOURCED PYTHON BASED SYSTEM FOR HOME-CAGE MOUSE TRACKING AND IMAGE PROCESSING

Ellen T. Koch, Marja Sepers, Ryan Yeung, and Lynn A. Raymond
IN VIVO STRIATAL NEURAL ACTIVITY DURING MOTOR LEARNING AND SPONTANEOUS BEHAVIOUR IN HUNTINGTON’S DISEASE MICE

Wissam B Nassrallah, James P Mackay, Jean Oh, Peter Hogg, Lynn A. Raymond
CALCIUM HANDLING IN STRIATAL NEURONS IN HUNTINGTON DISEASE

Dongsheng Xiao, Brandon J. Forys, Matthieu P. Vanni, Timothy H. Murphy
MESONET: AUTOMATED SCALING AND SEGMENTATION OF MOUSE MESOSCALE CORTICAL MAPS USING MACHINE LEARNING
TRANSLATIONAL RESEARCH

Paul Carey, Carol Ward, Petra Bader, Sage Trampleasure
PROJECT ECHO MHSU INTERIOR HEALTH: SUPPORTING PRIMARY CARE PRACTITIONERS IN AREAS AFFECTED BY 2017 WILDFIRES

Ruiyang Ge, Elizabeth Gregory, Afifa Humaira, Rebecca Todd, Sean Nestor, Sophia Frangou, Fidel Vila-Rodriguez
ACUTE FUNCTIONAL CONNECTIVITY CHANGES INDUCED BY REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION PREDICT THERAPEUTIC RESPONSE IN TREATMENT-RESISTANT DEPRESSION

Pankaj K. Gupta, Timothy H. Murphy
REAL-TIME NEURAL FEEDBACK OF MESOSCALE CORTICAL GCaMP6 SIGNALS USING RASPBERRY-PI

Helen Hsiao, Todd S. Woodward
fMRI ANALYSIS OF FUNCTIONAL BRAIN NETWORKS INVOLVED IN MEMORY TASKS AND VISUAL AND VERBAL DISCRIMINATION TASKS

METABOLIC AND GENETIC EXPLORATIONS IN REFRACTORY SCHIZOPHRENIA PROJECT: FINDINGS FROM WHOLE GENOME AND RNA SEQUENCING IN THE FIRST 25 PARTICIPANTS

Heather Palis, Bin Zhao, Tonia Nicholls, Amanda Slaunwhite
“RISK MITIGATION GUIDANCE” PRESCRIBING IN BRITISH COLUMBIA FOR PEOPLE AT RISK OF OVERDOSE DURING COVID-19

Nicole Sanford, Amirhossein Modabbernia, Sophia Frangou
INDIVIDUAL CHARACTERISTICS PREDICTING THE BIOLOGICAL AGE OF THE BRAIN IN YOUNG HEALTHY ADULTS
TRANSLATIONAL RESEARCH

Gayatri Saraf, Nasim Vafai, Elham Shahinfard, Marjorie Gonzalez, Vesna Sossi, Raymond W. Lam, Peter F. Liddle, Lakshmi N. Yatham
A POSITRON EMISSION TOMOGRAPHY STUDY OF DOPAMINE TRANSPORTER AVAILABILITY IN CURRENT AND RECENTLY REMITTED MANIA

Sarah Woolgar, David Kealy, Dan Cox, Shelly Ben-David
A MODERATION ANALYSIS OF TWO EMOTION REGULATION STRATEGIES BETWEEN ADVERSE CHILDHOOD EXPERIENCES AND BORDERLINE PERSONALITY DISORDER

Cameron L. Woodard, Marja D. Sepers, Matthew N. Hill, Lynn A. Raymond
CHRONIC JZL184 TREATMENT NORMALIZES IMPAIRED STRIATAL SYNAPTIC PLASTICITY AND MOTOR LEARNING IN YAC128 HUNTINGTON DISEASE MICE

CLINICAL RESEARCH

Marisha Boyd, Jane Kim
DEVELOPMENT OF METACOGNITIVE TRAINING FOR SUBSTANCE USE

Lianne L. Cho, William G. Honer, Skye P. Barbic
RASCH ANALYSIS OF THE BECK DEPRESSION INVENTORY IN A COMMUNITY-BASED AND HOMELESS OR PRECARIOUSLY HOUSED SAMPLE

Alexandra Driedger, Katelynn Boerner, Ursula Brain, Deirdre Ryan, Tim Oberlander
COGNITIVE FUNCTIONING IN WOMEN 6 YEARS AFTER PRENATAL DEPRESSION

Avarna Fernandes, Suja Srikameswaran, Julia Raudzus, Patty Yoon, Josie Geller
UNDERSTANDING VIRTUAL CARE EXPERIENCES DURING THE COVID-19 PANDEMIC: PERSPECTIVES FROM A TERTIARY EATING DISORDERS PROGRAM

Alison Fong, Anamaria Richardson, Katie Allen, Qian Zhang, Robin Friedlander
CHARACTERISTICS OF CHILDREN WITH AUTISM AND RELATED NEURODEVELOPMENTAL DISORDERS PRESENTING WITH SEVERE SELF-INJURIOUS BEHAVIOURS AT A TERTIARY CARE CENTER IN VANCOUVER, BRITISH COLUMBIA
Ally Giesbrecht, Phoenix Winter, Mo Khaleghi, Erica Grant, Skye Barbic
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PAIN SIDE EFFECT ANALYSIS IN rTMS FOR DEPRESSION: A THREE-D STUDY

Laura Jones, Angel Wang, Daniel Vigo
HELP-SEEKING BEHAVIOURS AMONGST B.C. UNIVERSITY STUDENTS WITH SUICIDAL PLAN AND INTENT

David D. Kim, Alasdair M. Barr, Lulu Lian, Jessica W. Y. Yuen, Diane Fredrikson, William G. Honer, Allen E. Thornton, Ric M. Procyshyn
EFFICACY AND TOLERABILITY OF ARIPIPRAZOLE VERSUS D₂ ANTAGONISTS IN THE EARLY COURSE OF SCHIZOPHRENIA: A SYSTEMATIC REVIEW AND META-ANALYSIS

Jacqueline S. Lee, Fidel Vila-Rodriguez, Guy Faulkner
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Calista Leung, Julia Pei, Farhud Shams, Richard Munthali, Daniel Vigo
THE EFFECTS OF NON-CLINICIAN GUIDANCE ON EFFECTIVENESS AND ADHERENCE OUTCOMES OF DIGITAL MENTAL HEALTH INTERVENTIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS

LIFE-D TRIAL: FUNCTIONAL OUTCOMES OF BRIGHT LIGHT THERAPY AND FLUOXETINE IN MAJOR DEPRESSIVE DISORDER (MDD)
Roxanne Mitchell, Wei-Yi Song
BIPOLAR EDUCATION GROUP QUALITY OF LIFE STUDY

Emma Morton, Jennifer Nicholas, Laura Lapadat, Heather O’Brien, Steven Barnes, Caden Poh, Erin Michalak
USE OF SMARTPHONE APPS IN BIPOLAR DISORDER: AN INTERNATIONAL WEB-BASED SURVEY OF FEATURE PREFERENCES AND PRIVACY CONCERNS

OPIUM TRIAL: A RANDOMIZED CONTROLLED NON-INFERIORITY CLINICAL TRIAL COMPARING OPIUM TINCTURE WITH METHADONE FOR OPIOID SUBSTITUTION TREATMENT

John-Jose Nunez, Raymond Ng, Alan Bates
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Eric Paulsen, Kevala Van Volkenburg, Sarah Gray
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Julia Pei, Laura Jones, Melissa Vereschagin, Chris Richardson, Daniel Vigo
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Dianne Semeniuk, Katelynn Boerner, Ursula Brain, Tim F. Oberlander
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Martina Smit, Marietta Van Den Berg, Christy Hildebrand, Alexander Chapman, Adina Muresan, Hoi Cheng, Olesha Ratther
ADAPTING STANDARD DIALECTICAL BEHAVIOR THERAPY (DBT) TO A PUBLIC COMMUNITY MENTAL HEALTH PROGRAM: EXPLORATION OF BARRIERS AND ALTERNATIVES TO 24/7 PHONE COACHING

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A SYSTEMATIC REVIEW OF COGNITIVE FUNCTIONING IN PATIENTS WITH TREATMENT RESISTANT SCHIZOPHRENIA

Melissa Vereschagin, Angel Wang, Ashlin Zargar, Daniel Vigo
DEVELOPMENT OF A MENTAL HEALTH AND SUBSTANCE USE INTERVENTION FOR UNIVERSITY STUDENTS

Clara Westwell-Roper, John Best, Dean Elbe, Megan MacFadden, Susan Baer, Lori B. Tucker, Antony Au, Zainab Naqqash, Boyee Lin, Cynthia Lu, Evelyn Stewart
CELECOXIB VERSUS PLACEBO AS AN ADJUNCT TO TREATMENT-AS-USUAL IN CHILDREN AND YOUTH WITH OBSESSIVE-COMPULSIVE DISORDER: A SINGLE-SITE RANDOMIZED QUADRUPLE-BLIND PHASE II STUDY

Jeff Zhan, Elizabeth Gregory, Afifa Humaira, Hubert Wong, Ruiyang Ge, Fidel Vila-Rodriguez
TRAJECTORIES OF RESPONSE AND SUICIDAL IDEATION TO 1HZ STIMULATION IN PATIENTS WITH TREATMENT-RESISTANT DEPRESSION
Welcome to the 2021 UBC Psychiatry Virtual Research Day!

Attendee Registration

Register at https://ubc.ca1.qualtrics.com/jfe/form/SV_cHBMLxVkLAGYFVQ to get the Panopto Event Link.

Presenter Q&As

Go to https://www.sli.do/ and enter Event Code #80996:

- Click on the “Q&A” icon and submit your questions during the talk
- The moderator will deliver submitted questions to the presenter following the talk, as time permits
- During the Lightning Talks, please identify the speaker to whom your question is addressed

ePoster Gallery

Go to https://psychiatry.ubc.ca/research/2021-ubc-psychiatry-virtual-research-day/eposter-gallery/ to view the ePoster Gallery (open for viewing on Monday May 24).

Lightning Talk and Poster Awards

Go to https://www.sli.do/ and enter Event Code #80996:

- Click on the “Polls” icon and submit your vote for the Lightning Talk and Poster Awards
- Award winners will be announced during the Closing Remarks