

2024 Owerko Conference Poster Session

| # | Name | Level Of Studies | Supervisor | Poster Title |
|----|---------------------------|----------------------|---|--|
| 1 | Abdullah Abdullah | Masters | Dr. Ning Cheng | Characterization of prepulse inhibition during development and mature phases of auditory development in Fragile X Syndrome mice model |
| 2 | Asim Ahmed | Masters | Dr. Ning Cheng | Changes in Electroencephalography signal in a female fragile X mouse depend on age. |
| 3 | Delaney Barth | Masters | Dr. Gerry Giesbrecht | Impact of Early Life Social Contact and Hygiene Practices on Infant Gut Microbiome and Metabolic Pathways |
| 4 | Anamika Choudhary | Masters | Dr. Morris Scantlebury | Beyond the Diet: The novel role of ASIC1a in controlling Ketogenic Diet's anti-seizure effects in Infantile Spasms |
| 5 | Samuel Gerlach | Undergraduate | Dr. Chad Bousman | Effect of CYP2D6 genetic variation on patient-reported symptom improvement and side effects among children and adolescents treated with amphetamines |
| 6 | Michelle Hua | PhD | Dr. Guang Yang | Investigating the role of the RNA-binding protein, CELF2, in the etiology of a rare neurodevelopmental disorder |
| 7 | Amit Jaiswal | PhD | Dr. Timothy Shutt | Mito-HI-NESS: A novel fluorescent genetic probe for live-cell imaging of mitochondrial DNA |
| 8 | Avery Krupa | Undergraduate | Dr. Gerry Giesbrecht | The Association Between Prenatal Depression and Child Social-Emotional Development: Moderating Role of Prenatal Diet |
| 9 | Stefan Kurbatfinski | PhD | Dr. Nicole Letourneau | Maternal adverse childhood experiences and preschool children's behavioural problems: mediation via adult attachment and moderation by maternal mental health, social support, and child sex |
| 10 | Raef Mina | Undergraduate | Dr. Daniel Kopala-Sibley | Peer Relationships during Adolescence and the Development of the Personality Trait of Neuroticism. |
| 11 | Amelia Potter-Dickey | PhD | Dr. Nicole Letourneau | Associations Among Maternal Sensitivity, Infant Plasticity Genes, and Infant Attachment: Project Proposal |
| 12 | Mervynderjeet Singh | PDF | Drs. Signe Bray & Catherine Lebel | Longitudinal developmental trajectories of inhibition and white-matter maturation of the fronto-basal-ganglia circuits |
| 13 | Munawar Hussain Soomro | PDF | Dr. Deborah Dewey | Associations between the chemical exposome and gestational diabetes mellitus |
| 14 | Bosong Wang | Masters | Dr. Ning Cheng | Alterations in Electroencephalography signals in Juvenile Female Fragile X Syndrome Mouse Model on C57B/6J Background |
| 15 | Xiaoquin Zhan | Research Associate | Dr. Ray Turner | Relief of symptoms in a Fragile X mouse model by reintroducing fragments of FMRP |
| 16 | Sandra Abdelmalak | Undergraduate | Dr. Kara Murias | Can frontoparietal network connectivity predict manual dexterity in children with and without ADHD? |
| 17 | Masuma Akter | PDF | Adam Kirton | Personalized Brain Mapping to Inform Brain-Computer Interface Solutions for Children |
| 18 | mercedes bagshawe | PhD | Dr. Carly McMorris | "It will, it will cause more trauma I guarantee itâ€; Caregiversâ€™ experiences of accessing services for their suicidal neurodiverse youth |
| 19 | Patricia Basualto | PhD | Dr. Jennifer Zwicker | Disparities to Accessing Services and Supports for Children with Neurodevelopmental Disabilities and their Families: Service Providers and Decision Makersâ€™ Perspectives |
| 20 | Elizabeth Benediktsdottir | Undergraduate | Dr. Jennifer Zwicker | Measure What Matters: Measuring and Monitoringâ€™ Child Health and Wellbeing |
| 21 | Noah Bloom | Masters | Dr. Sarah MacEachern | Gastrointestinal and Sleep Problems in Children with Neurodevelopmental Disorders: The Role of Co-Occurring Conditions on Behaviours of Concern |
| 22 | Ryan Verbitsky | Masters | Dr. Kara Murias | Neuromelanin sensitive MRI to investigate dopamine in children with ADHD |
| 23 | Simran Chahal | Masters | Drs. Sarah MacEachern & Deborah Dewey | Behaviours of concern negatively impact outcomes for children and caregivers enrolled in complex care coordination |
| 24 | Marilena DeMayo | PDF | Drs. Ashley Harris & Alex McGirr | Noradrenergic Function in Children with Social Anxiety: Project Proposal |
| 26 | Pariza Fazal | Masters Neuroscience | Dr. Emma Climie | Canadian ADHD Priorities Study (CAPS) - Perspectives of Canadian researchers on priorities to guide the advancement of ADHD research and services across Canada |
| 25 | Ken Fyie | Masters | Dr. Jennifer Zwicker | An analysis of diagnosis onset and access to special education services for children with ADHD |
| 27 | Bhavana Gill | Undergraduate | Dr. Carly McMorris | Identifying Factors Associated with a Late Autism Diagnosis: The Role of Co-Occurring Conditions, Utilization of High-Level Care, and Medication |
| 28 | Marybeth Harrod | Masters | Dr. Deborah Dewey | Does Maternal Inflammation Mediate the Association Between Pre-Pregnancy Diet and Cognitive Outcomes and Brain Connectivity? |
| 29 | Stephanie Howe | PhD | Dr. Carly McMorris | Adapting the Facing Your Fears Anxiety Intervention for Children and Youth with Attention-Deficit/Hyperactivity Disorder |
| 30 | Anika Mamun | Masters | Dr. Gerald F. Giesbrecht | Interactions between the Stool Tryptophan-Related Metabolites and Infant Sleep |
| 31 | Jennifer Merrick | Masters | Dr. Heather Boynton | "It feels like we are aliens": A narrative inquiry of life stories told by women with ADHD |
| 32 | Kendra Mueri | Masters | Dr. Carly McMorris | The Influence of Caregiver Mental Health and Parenting Style on Pain in Youth with Cerebral Palsy |
| 33 | Cara Nania | PhD | Dr. Carly McMorris | The Characterization of Pain in Children and Youth with Cerebral Palsy: A Micro-longitudinal Analysis |
| 35 | Kirsten Neprily | PhD | Dr. Emma Climie | Social Skills and Friendship Building in Adolescents with Attention-Deficit/Hyperactivity Disorder |
| 34 | Christiane Roth | PhD | Dr. Jennifer Zwicker | Preventing adverse outcomes for people with ADHD through improved public policies, supports and services. |
| 36 | Angela Senevirathna | PhD | Dr. Jennifer Zwicker | Optimizing Service Access for Transitioning Youth with Neurodevelopmental Disorders: Key Recommendations |
| 37 | Ash Seth | Staff - masters | Drs. Carly McMorris, David Nicholas, Jennifer Zwicker | Supporting Individuals with Neurodevelopmental Disabilities and Co-occurring Mental Health Conditions: Scoping Review of Peer Mentorship Programs |
| 38 | Meagan Shields | PhD | Dr. Chad Bousman | Concordance between self-reported and administrative data for psychiatric diagnoses among child and adolescent research participants |
| 39 | Garazi Casillas Martinez | Masters Neuroscience | Drs. Sarah MacEachern & Nils Forkert | Predicting behaviors of concern in children with neurodevelopmental disorders based on clinical data using machine learning |
| 40 | Jessica Walsh | PhD | Dr. Suzanne Tough | Community perceptions of natural supports approaches: A Canadian grounded theory study with Connections First |
| 41 | Hongye Wang | PDF | Drs. Signe Bray & Emma Towlson | Brain network controllability during development |
| 42 | Amsal Rajan | Masters | Dr. Kara Murias | Investigating if the change in executive and motor functioning following brain stimulation in children with ADHD is dependent on the location of stimulation: a protocol |
| 43 | Hayley Huston | Undergraduate | Dr. Kara Murias | Motivators and Barriers to Neurodevelopmental Research Enrolment |
| 44 | Priscilla Chirom | Undergraduate | Dr. Deborah Dewey | Epigenetic Age Acceleration as a Mediator of the Association Between Maternal Vitamin D Concentrations and Language and Motor Outcomes in Preschool-Aged Children |
| 45 | Tyler Birse | Undergraduate | Dr. Susan Graham | It's Not What You Said but How You Said it: Preschoolers' and Adults' Attention to Emotional Prosody in an Unfamiliar Language |
| 46 | Emma Amyot | PhD | Dr. Susan Graham | It's not what you said but how you said it: The role of valence in preschoolers' recognition of emotion from tone of voice |
| 48 | J r mie Courraud | PDF | Dr. Deborah Kurrasch | Using patient-derived brain organoids to rescue the trafficking defect of NLGN4X Autism |
| 50 | Ishnoor Nahal | Masters | Dr. Sarah MacEachern | Co-designing a sleep education intervention for youth with neurodevelopmental disorders and behaviors of concern: a preliminary reflexive thematic analysis |