Posters Presentations - ACHRI 2019 Research Retreat

# Name Supervisor Poster Title
1 Suchit Ahuja Dr. Sarah Childs Fox2 is crucial for maintaining blood vasculature integrity and regulating pericyte numbers
2 Ankita Dr. Chad Boussman Cytochrome P450 Genetic Variation in Clozapine-Induced Myocarditis
3 Iman Al Khatib Dr. Tim Shutt Disease Implications for the Mitochondrial Topoisomerase TOP1MT
4 Aki-Matti Alanen Dr. Kati Pasanen Using inertial sensor technology in capturing differences between successful and unsuccessful balance tasks in youth female and male soccer players
5 Syeda Agha Dr. William Stell Muscarinic Mechanisms in Retina and Retinal Pigment Epithelium
6 Elizabeth Baker Dr. Deinera Exner-Cortens Developing an Innovative Suicide Prevention Training Tool for School Teachers
7 Jessica Baraskewich Dr. Carly McMorris Parent-Child Agreement on Internalizing Symptoms Before and After a Cognitive-Behavioural Intervention
8 Sarah Barclay Dr. Kyle Kurek Genome Sequencing of Monozygotic Twins Discordant for ROHHAD
9 Kimberley Befus Dr. Carolyn Emery Motivation and Social Factors Associated with Exercise Fidelity in a Basketball Neuromuscular Training Prevention Warm-up in Youth
10 Sumeed Bele Dr. Maria Santana Developing KidsPRO Program by Engaging Pediatric Patients and their Caregivers and Investigating its Feasibility at the Alberta Children's Hospital
11 Tiffany Bell Dr. Ashley Harris Examining excitation and inhibition in children with migraine
12 Lauren Benson Dr. Carolyn Emery Monitoring Movement Quantity and Quality to Prevent Sports Injuries
13 Dan Berger Dr. Jennifer Chan Investigating the radiosensitivity of oligodenodrocyte progenitor cells
14 Elizabeth Bering Drs. Myriam Hemberger & Wendy Dean Defining an Epigenetic Role for Peptidylarginine Deiminases at the Feto-Maternal Interface
15 Dhvey Bhatt Dr. Cam Teskey The ketogenic diet attenuates post-ictal hypoxia
16 Jennifer Bon Bernard Dr. Nicole Letourneau Understanding the VID-KIDS Intervention from the Maternal Perspective: A Hermeneutic Research Inquiry
17 Christy Catalano Dr. Jiamu Guo Defining the role of Ah1 in axonal development
18 Joel Burma Dr. Kathryn Schneider Validation of functional near-infrared spectroscopy in the assessment of dynamic cerebral autoregulation via squat-stand maneuvers.
19 Colten Chipak Dr. Jiamu Guo Uncovering the Role of the Cerebellum in Higher Cognition and Cognitive Disorders
20 Jocelyn Callum Drs. Amanda Black & Carolyn Emery Player Experiences in High School Rugby: Understanding risks, benefits and the context for injury prevention
21 Prosun Das Dr. Myriam Hemberger Human Trophoblast Stem Cells as Model of Early Placental Development
22 Nathalia de Lima Lara Dr. Ina Dobrinski Nitric oxide regulates fetal Leydig cell testosterone production in mice
23 Vladislav Degtiaev Dr. Steven Greenway Generating Isogenic Controls Using CRISPR-Cas9 and Patient-Derived Pluripotent Stem cells to study DCMA, a Mitochondrial Cardiomyopathy
24 Rujuta Deshpande Dr. Savraj Grewal Role of TOR signaling during intestinal stress response in Drosophila.
25 Lisa Deliu Dr. Savraj Grewal Neuronal ribosomal protein function regulates Drosophila growth and development
26 Deepika Dogra Dr. Deborah Kurraasch A precision medicine approach to modeling a rare pediatric epilepsy.
27 Claire Donnici Dr. Catherine Lebel Prenatal maternal anxiety and amygdala functional connectivity in young children
28 Logan Draycott Dr. John Cobb The function of Shox2 in patterning the nerves of the developing mouse limb.
29 Seham Elmrayed Dr. Tanis Fenton Analyzing the statistical pitfalls of controlling for later weight and height in the association between small-for-gestational-age and later obesity in a cohort of early preterm infants
30 Gillian Englund-Mason Dr. Deborah Dewey White Matter Microstructure Mediates the Associations Between Prenatal Exposure to Phthalates and Behavior Problems in Preschool Children
31 Svenja Eisenhahn Drs. Signe Bray & Ashley Harris Sensory tactile processing in young children with autism spectrum disorder
32 Cristina Fernandez Conde Dr. Deinera Exner-Cortens Best Practices of Incorporating Neuropsychological Testing into School Psychology Practice
33 Melanie Finkbeiner Drs. Doug Mahoney & Paul Beaudry Combining GD2-chimeric antigen receptor (CAR) T cell therapy with oncolytic rhabdoviral vaccines for neuroblastoma
34 Harmony Fong Dr. Deborah Kurraasch Developmental programs of hypothalamic tanyctyes
35 Kelsey Friesen Dr. Carly McMorris Empathy and ADHD
36 Anna Funk Dr. Stephen Freedman Reassessment of the risk of birth defects due to Zika virus in Guadeloupe
37 Claire Grisbrook Dr. Catherine Lebel Links between White Matter Microstructure and Components of Reading vary in Reading-Related
38 Bryce Geeraert Dr. Catherine Lebel Intense Personal Interests in Young Children with ASD: Characterization and Associations with Other Cognitive Domains
39 Kate Godfrey Drs. Signe Bray & Ashley Harris How Care Coordination Impacts Families of Children/Youth with Neuro-Developmental Disorders
40 Rebecca Green Dr. Benidikt Hallgrimsson Can preprocessing recover individual information in functional connectivity fMRI?
41 Japer Greysson-Wong Dr. Sarah Childs Linking proliferation and morphology to understand the origins of craniofacial birth defects
42 Marie Grisbrook Dr. Nicole Letourneau Associations among Caesarean Section Birth, Post-Traumatic Stress and Postpartum Depression
43 Sihan Guo Dr. Benidikt Hallgrimsson Observing the patterning of proliferating cells and their orientation relative to changes in craniofacial development in the mouse using light sheet microscopy
44 Matthew Rosin Dr. Michael Esser Alberta Children's Hospital BioCORE (Biobank and bioanalysis core facility)
45 Danielle Blackwell Dr. Sarah Childs Model Osmosis Research for Pediatric Health (MORPH project)
46 Malgorzata Gasperowicz Dr. Karen Benzies New moms have to sleep: Critical synthesis of last 50 years of research on postpartum sleep
47 Malgorzata Gasperowicz Dr. Karen Benzies Grandmothers are great, and sisters are even better: Importance of informal social support for the mental health of first-time mothers.
49 Kelsey Harkness Dr. Kari Muriel Using fMRI as a predictor of Educational and Attentional Outcomes in Neonatal Hypoxic-ischemic Encephalopathy
50 Jiaojia He Dr. Quan Long PoolHapX: De novo Haplotype Reconstruction from Pooled Pathogen Next-Generation Sequencing Data
51 Michelle Hebert Dr. Jennifer Zwicker Sensory tactile processing in young children with autism spectrum disorder: A systematic review
52 Katherine Hewitt Dr. Catherine Hewitt Trajectories of social support in pregnancy and early postpartum: findings from the All Our Families cohort