

Poster	Presenter	Title	Faculty
1	Yusra Batool	Frequency of CYP2C19 *2/*3 alleles in global ethnic populations	Science
2	Joelyn Kozar, Mallory Nault, Patrick Welsh, Steve Pasichnuk	Research on Avian Protection Project	Science
3	Ying Ling	Regulatory Effects of CD1d+CD5+ B Cells in the Context of Antigen Tolerance Following ABO-Incompatible Heart Transplantation in Children	Science
4	Chakanaka Zinyemba & Marc Parsons	Air Quality at Edmonton's Outdoor Festivals: Findings from Fine Particulate (PM _{2.5}) Sampling (August 2011)	Chaka Zinyemba: Arts Marc Parsons: Science
5	Leonie Brown	Microhabitat selection of urban coyotes (<i>Canis latrans</i>)	Science
6	Kayla Courtney Yip	Parental Perceptions of Children's Dental Health among African Communities in Edmonton	Medicine and Dentistry
7	Andrea Bui	Assessing Muscle Contraction Forces	Physical Education and Recreation
8	Angela Shamchuk	Phenotyping individual variation in larval zebrafish (<i>Danio rerio</i>) behavioral response	Science
9	John Garrett	Average Electromagnetic Property Estimation of Breast Tissue	Engineering
10	Bevin Cheng	The Method of Loci is spatial after all	Science
11	Rebecca Taylor	Case-based Learning and Challenges Associated with the Concept of "Correct" Answers	Education
12	Alexander Evans	Characterization of novel targets of the sRNA RprA in <i>Escherichia coli</i> , and its involvement in the Cpx two-component system	Science
13	Kacie Norton	Investigating the male subfertility defect caused by a mutation in <i>Cecr2</i>	Science
14	Shivani Upadhyaya	Mapping of the Zeste White 10 (ZW10) functional domain in kinetochore tension checkpoint response	Science
15	Lauryn Pounder	Development of a miniaturized assay to screen for bacterial hypermutators in the environment	Science
16	Alicia Freeman	Does education make a difference: Accuracy of teachers' and mothers' judgments of grade one children's reading ability compared to children's	Education

		performance on word reading measures for children from higher and lower maternal education backgrounds	
17	Rafael Sumalinog	Vaccinia Virus F1L(I129F) Mutant and Its Interactions with Pro-Apoptotic Proteins Bak, Bax, and Bim	Science
18	Pendleton Cox	Fidelity of DNA Replication	Science
19	Chantal Magnan	Protein kinase C β , a possible modifier gene in Cystic Fibrosis	UBC Medicine (summer)
20	A Buttenschoen, Other authors (alphabetically) Q Farr, C Hodgson, W Johnson, I R Mann, L Mazzino, I J Rae	The University of Alberta – High Altitude Balloon (UA-HAB) Project	Science
21	Benjamin Davis	Time Motion Analysis of Varsity Hockey	Physical Education and Recreation
22	Vedran Jelic	Towards an Atomic Movie - Coupling ultrafast terahertz to a scanning tunneling microscope	Engineering
23	Caitlin Alexandra Marchak	Working memory of stair height is enhanced by motor experience of stepping	Physical Education and Recreation
24	Brittany Chubb	The effect of larval diet of the growth and fitness of the Oriental fruit moth, <i>Grapholita molesta</i>	Science
25	Baljot S Chahal	Exercise Intensity and Intra-abdominal Fat: A Systematic Review	Physical Education and Recreation
26	Blair Warren	Racing Worms: Does Aerobic Capacity Influence Ecological Performance?	Campus Saint-Jean
27	Samantha Kuchera	Hope and Suffering- A Case Study	Nursing
28	Maimoona Tariq	Optimization of a method to analyze ophthalmic acid in human serum	Science
29	Michelina Kierzek	Elucidating the Molecular Mechanisms of Heart Disease-linked Mutations of Phospholamban	Science
30	Andrei Catuneanu	String Dualities and Topological Recursion	Science
31	Full Name: Michel Marchand, Brian Ellert	Arboreal Carton-Nests of the Termite <i>Nasutitermes corniger</i> as a Potential Roosting Sites in a Tropical Dry Forest	Augustana
32	Janelle Smiley-Wiens	Solvent Exchange Mechanism in PNIPAm Microgel Based Etalons as Revealed from Deswelling Kinetics	Science
33	Malika A Ladha	Characterization of Human Natural	Science

		Killer T Cells in Peripheral Blood, Spleen and Lungs by Flow Cytometry	
34	Jessica Sacher	Exploitation of bacteriophage tail fibre proteins as novel therapeutics against bacterial infections	Science
35	Yael Mansour	Intralipid Reverses Vasodilation by Propofol in Arteries from Aged Rats	Science
36	Vlatka Vukojevic	Production of Lactate in Response to Physical Fatigue in Trout	Sciences
37	Cristian Cortes	Nanoengineering the quantum properties of light with hyperbolic metamaterials	Engineering
38	Dan Burton	High-Intensity Exercise Accelerates the Development of Sarcopenia in Aged Fisher 344xBrown Norway Rats	Science
39	David Hyunjoong Kim	Technical, physiological, intra-individual consistency and inter-individual variation of augmentation index and pulse wave velocity measured by SphygmoCor in healthy volunteers	Medicine
40	Lindsey Bergevin	Single-Channel Recordings of Nicotinic Acetylcholine Receptors in Larval Zebrafish	Science
41	Vishnu Vasanthan	Histamine upregulates the production of Matrix Metalloproteinase-9 in human astrocytic cultures	Science
42	Alison Cheesbrough	Locating Elementary Schools in Edmonton: 1960s Baby Boom Planning vs Current Practice	Arts
43	Bruce Waskiewich	Preparation of Biomimetic Calcium Phosphate Coatings on Different Substrates	Engineering
44	Margaret Danko	Far from home and homeless: Perceptions and experiences of homeless international students	Nursing
45	Graham Blyth	Role of IFITM in innate immune responses to influenza	Science
46	Name: Fred Noddin	Impact of predator assemblage on littoral zone microcrustacea	Science
47	Tori McNish	Art Museum/ Factory: The Social and Environmental Effects of an Adaptive Reuse Building at Today Art Museum, Beijing	Arts
48	Lucy Xiaolu Ma	Detection of Single Nucleotide Polymorphisms in a Breast Cancer Susceptibility Gene (FGFR2) using In-Gel Allele-specific PCR	Medicine and Dentistry
49	Logan Gilmour	Play Spaces	Science

50	Akua Gyambibi	Comparative and Quantitative Myology of the Prosimian Forearm and Hand	Medicine and Dentistry
51	Jessica Heidt	Group Characteristics in the Trauma In Pregnancy Study: The need to rethink beyond age and gestation	Science
52	Charley Switzer	Developing Methods to Investigate the Effect of Vitamin A on Innate Immune Cells	Augustana
53	Morgan Bamford	"In the Role of Paternal Despot: Adams Archibald and the Red River Métis Lands Issue 1870-1872"	Native Studies
54	Benjamin Furman	The use of fluorescent powdered pigments as a tracking technique for snakes	Science
55	Phillip Hau	Children's Aggression-Victimization Status and School Engagement	Arts
56	Lauren MacDonald	From the Scrap Bag to Sears Roebuck: The Commodification of Quilting from the 1920s to the 1940s	Agriculture, Life and Environmental Science
57	Katherine Yackulic	Characterization of Vaccinia Virus A48 protein	Science
58	Rachel Jeong	Immunohistochemical analysis of mammalian locomotor networks	Medicine and Dentistry
59	Kristen Peck; Andrew Shaw (joint poster)	Effect of insect herbivory on collared pika foraging	Science
60	Dávid Szepesvári	An Artificial Intelligence Player for the Game of Quoridor based on UCT	Science
61	Rhianna Charchuk	Microbial Community Structure of Multi-year Ice	Science
62	Stefan Dehod	Sculpting Men: Mental Health of the Physically Fit	Arts
63	Sandra Ngo	Effectiveness of current government recommendations in keeping trans-fat content low in packaged foods	Agricultural, Life and Environmental Sciences
64	Joshua Le	Study on the bacteria load on jeans not washed for 15 months	ALES
65	Catherine Kirwan	Improving the Diagnosis and Management of Dementia in Primary Care – An Innovative, Collaborative Approach for Use by the WestView Primary Care Network	Science
66	Chris Beavington	The Structural Studies of Bacterial Lactoferrin Protein B from <i>Neisseria meningitidis</i>	Science
67	Cian Hackett	Using Pollutant Release and Transfer Register data for environmental health research: a review of the	Medicine & Dentistry

		literature	
68	Claudine Champion	Exploring Canadian new media (re)presentations of weight loss surgery using content analysis	Physical Education
69	Curtis Rollins and Amanda Long	Evaluating Differences in Environmental Values and Behaviours Among Undergraduate Students: an Inter-Faculty Comparison	ALES
70	David L Ma	Phosphatidylcholine intake results in different liver fatty acid composition compared to free choline	Science
71	Jan Garcia	Improving the lifetimes of polymer solar cells by selection of oxygen and water barrier blocks	Engineering
72	Jessica McAllister	Vulnerability of Older Adults in the Emergency Department	Nursing
73	Joel Gupta	The Effects of Raw Pea Seed Coat Supplementation on Fatty Acid Metabolism in Insulin Resistant Rats	Faculté Saint-Jean
74	Kurt William Douglas Buhler	Sequence and Phenotype Analysis of Three <i>Taf4</i> mutants Enhancing Eye Colour Variegation of <i>E1</i> , an allele of <i>Pci</i> , in <i>Drosophila melanogaster</i>	Sciences
75	Lily Le	It's all the same: Examining definitions of cyberbullying in students, parents and teachers	Arts
76	Matthew Delaney	Utilizing the fAR-Play framework to analyze game-play strategies for augmented/alternate reality games	Science
77	Moses Fung	Endothelial Progenitor Cells Repairs Experimental Lung Damage Through a Paracrine Activity	Science
78	Peter Charles Holmes	Structural Evidence For Isoform-Dependent pH Sensitivity In Troponin I	Science
79	Samantha Marie Christensen	'Little cooks': Gender, Class, and Food in Nineteenth-Century Reform Writing for Children	Augustana
80	Stephanie Jillian Mah	Caspase 1 Inhibition in Inflammatory Bowel Disease Reduces Epithelial Cell Extrusion	Medicine & Dentistry
81	Suzanne Spady	American Sign Language – Phonological Awareness Test (ASL-PAT): A Sign of Things to Come!	Arts (Research done in Education)
82	Tho NHT Tran	Modal Identification of Ultrasonic Guided Waves Propagating in Cervine Tibia	Medicine & Dentistry
83	Tae Yeob (Ty) Kim	Cardiomyocyte-specific ATGL over-	Science

		expression prevents doxorubicin-induced cardiac dysfunction in mice	
84	Tyler Sliwkanich, Douglas Schneider, Mitchell Home	A Scalable Platform for Text Analytics	Science
85	Rebecca Visscher	A study of symptom and quality of life outcomes following treatment in a tertiary care urogynecology clinic	Arts
86	Julia Jing-ou Tan	Project Title	Science
87	Barbara Pedrycz	Oncostatin M receptor deficiency is associated with less mortality and attenuated multi-organ dysfunction in sepsis	Science Department: N/A
88	Shuai (Stone) Li	Novel effect of cellular retinoic acid binding proteins on proliferation in human malignant glioma	Medicine and Dentistry
89	Sarah Aziz	Histone deacetylase inhibition improves glucose regulation in prediabetic mice	Science
90	Full Names: Andy Jaikaran, Natalie May, Jeff Douglas, Marie Eriksson, Cara Noble	An Agricultural awareness based video produced as part of the requirement of an introductory Animal Science class (video)	Agriculture
91	Sina Kazemi	Analysis of shifts in glacial soil microbes	Science
92	Emma Heydari	Screening candidate genes for the pathogenesis of idiopathic hypercalciuria in a pediatric cohort	Medicine
93	Joanna Couch	Effect of Luminal Factors from Intestinal Inflammation on Colonic Epithelial Cells	Science
94	Sherrylynn Kerr	A Bite into the Media's Image of Nursing in an Apocalyptic World	Nursing
95	Charles Copeland	The effect of fungal infection and drought on pine defense against fungi vectored by Mountain Pine Beetle	Science
96	Xi Wang	Multi-Component Reactions Catalyzed by Iodine and Water for the Synthesis of Quinoline Derivatives	Science
97	Amit Rahul Lutchme Persad	AP2 δ induces axonal genesis through transcriptional regulation of ST8Sia2 and ST8Sia5	Science
98	Tiffany Riddle	Photosynthetic efficiency as quantified by the photochemical reflectance index	Science
99	Zachary John	New technologies for peripheral	Science

	Fritze	intravenous cannulation in children and adults: Systematic review and meta-analysis of controlled trials	
100	Yu Hao (Danny) Huang	The Putative Regulation of β -catenin O-GlcNAcylation by the Wnt and PI3K Pathways	Science
101	William Lampe	Physiological and Psychological Measures of Fatigue in Varsity Swimmers	Physical Education and Recreation
102	Zachary Tan	PAX3 Expression and Regulation in Melanoma	Medicine and Dentistry
103	Anwer Zohaib Siddiqi	Manipulating Instructions Strategically Affects Reliance on the Ventral-Lexical Reading Stream	Rehabilitation Medicine
104	Bradley Hauer	Evanescent Field Scattering as a New Sensitive Detection Method for Atomic Force Microscopy	Science
105	Bennett Lambert	Effect of Naphthenic Acids on the Microbial Community	Engineering
106	Erin Boschee	Indications and Outcomes in Children Receiving Renal Replacement Therapy in a Canadian PICU	Medicine & Dentistry
107	Lisa Kawasaki	Clinical Feasibility and Acceptability of Intermittent Electrical Stimulation in an Extended Care Facility	Science
108	Mim S Fatmi	The Effectiveness of Team Based Learning on Learning Outcomes in Health Professions Education: A Best Evidence in Medical Education (BEME) Systematic Review	Science
109	Catherine (Katie) Mitran	Isothermal Self-Replication of DNA using Destabilizing Probes	Science
110	Mitchell P Wilson	Etiology of Hydrocephalus as a Predictor of Shunt Revision in the Pediatric Population	Medicine and Dentistry
111	Victoria Olszak	Links among obesity, inflammation and fatigue in individuals with cancer	Nursing
112	Megan Paranich	Geochemical Study of the Duck Creek Formation (Western Australia): Implications for Mesoproterozoic marine evolution	Science
113	Stephanie Babwik	Development of a database to analyze sugar intake in pregnant women	Agriculture life and environmental sciences
114	Megan C Engel	A 215 Hour Orbital Period for the Low Mass X-Ray Binary XB 1832-330 in the Globular Cluster NGC 6652	Science
115	Sydney Patricia	In Vitro Transcriptional Analysis of	Science

	Rudko	Vaccinia Virus Replication Proteins	
116	Philippe Gaudreau	Computation of Tail Probability Distributions via Extrapolation Methods	Campus Saint-Jean
117	Scott Robert Meyer	Examining the role of two key amino acids within the enzyme Fumarate Reductase	Science
118	Erendira Cervantes-Altamirano	Marta 'Cartoonized': Depictions of First Lady Marta Sahagún in Mexican Political Cartoons	Arts
119	Kristopher Wayne Dodd	Down the Rabbit Hole: Where Knockdown of Host Vaccinia Related Kinase-2 Leads to Increased Myxoma Poxvirus Growth	Medicine and Dentistry (was Science at the time)
120	Jordan Lee Clemens	"I Am not An Animal, I Can Write! A Terror Management Exploration of Language and Human Creatureliness"	Arts
121	Kian Parseyan	Proposed Improvements for Intraspinal Microstimulation Array Fabrication and Insertion	Science
122	Jessie Gill	Influence of Swimming Duration and Intensity on Airway Hyper-responsiveness in Varsity Swimmers	Physical Education and Recreation
123	Marguerite Tiangco	Students' Views on Problem-Based Learning (PBL)	Medicine and Dentistry
124	Jenna A Weber	Women As Sinew in Communities (WASi Communities)	Education