



PAST CONFERENCES WINNERS

2010-2020

2020 Oral Presentations Winners

First place

Jessica Bo, Faculty of Applied Science

Detection of Wheelchairs Using Laser Scanning Sensors for Mobile Robotics

Second place

Charul Maheshka, Faculty of Arts

The interaction between perception and language: How we reason about quantities

Third place

Tamila Kalimullina, Faculty of Science

A Non-invasive Neuroprosthesis for Cardiovascular Recovery after Spinal Cord Injury

2020 Poster Presentations Winners

First place

Jennifer Wong, Faculty of Science

Sara Kowalski, Faculty of Science

Curcumin Prevents the Anti-inflammatory Agent, Triptolide, from Inducing Liver Damage

Second place (Tie)

Aysha Allard Brown, Faculty of Science

Evaluating the Congruency Between Intraparenchymal and Subdural Intraspinial Pressure in a Porcine Model of Acute Spinal Cord Injury



Second place (Tie)

Abigail Yuen, Faculty of Arts

Are some careers worth higher pay? Communion, collectivism, and occupational prestige across cultures

Third Place

Liam Foulger, School of Kinesiology

Effects of Gaze Direction on the Three-Dimensional Vestibulo-Ocular Reflex Evoked by Electrical Vestibular Stimulation

2020 URO-MURC Interdisciplinary Award Winner

Larissa Chiu, Faculty of Science

*The influence of an acute bout of exercise on sensorimotor integration
(10-minute Oral Presentation)*

2019 Oral Presentations Winners

Health and Wellness

Nabil Ali-Mohamad, Faculty of Applied Science

CounterFlow Hemostatic Spray Halts Upper Gastrointestinal Bleeding in a Porcine Model

Individual and Society

Nicola Symonds, Faculty of Science

Orbitofrontal interactions with the amygdala differentially influence efficient risk/reward decision-making

Innovation and Technology

Melynda Bergen, VIU

Synthesis of Novel Coumarins as Potential Antibiotics



Sustainability and Conservation

Paul Belzner, Faculty of Science

Standing Balance Along the Medial-Lateral Direction

2019 Poster Presentations Winners

Health and Wellness

Caleb Ritchie, Faculty of Science

Spatial patterns of BOLD signal activation useful for identification and classification of task-state functional brain networks

Individual and Society

Harleen Chohan, Faculty of Pharmaceutical Sciences

Tina Cheng, Faculty of Science

iCON: The impact of interdisciplinary, culturally relevant health education on improving health outcomes in South Asian and Chinese minority participants

Innovation and Technology

Kai von Rentzell, Faculty of Land and Food Systems

How does social behavior and environment shape pronotum structure of treehoppers?

Sustainability and Conservation

Crista Rosenberg, Faculty of Science

Yalda Hosseini, Faculty of Science

Relationship Between Stream Discharge and Dissolved Oxygen Levels at Canyon Creek, and Implications Towards Salmon Development and Physiology



2019 URO-MURC Interdisciplinary Award Winner

Giulio Pregolato, Faculty of Applied Science

Han Nguyen, Faculty of Applied Science

Kalen Forrester, Faculty of Applied Science

*ADD diagnostic app: exploring healthcare accessibility and innovation
(10-minute Oral Presentation)*

2018 Oral Presentations Winners

Health and Wellness

Ian Ruiz, Faculty of Medicine

Minocycline reduces the severity of cardiovascular dysfunction after experimental spinal cord injury

Individual and Society

Ayman Azhar, Faculty of Science

Yasmin Banga, Faculty of Science

Does socio-economic status (SES) have an impact on fitness of South Asian children living in Metro Vancouver?

Innovation and Technology

Jamie Magrill, Faculty of Science

Understanding the Roles of Insulin Signalling and Type-2 Diabetes in Pancreatic Intraepithelial Neoplasia Formation

Sustainability and Conservation

Zarah Zheng, Faculty of Science

Inter-annual and spatial variability of methane and nitrous oxide distributions across the North American Arctic Ocean



2018 Poster Presentations Winners

Health and Wellness

Jenny Liu, Faculty of Science

A Triple Combination Approach Involving Nerve Transplantation, Glial Scar Digestion and Passive Exercise Promotes Cardiovascular Recover after Spinal Cord Injury

Individual and Society

Candace Yip, Faculty of Science

Halloween and fatal pedestrian crashes in the United States

Innovation and Technology

Casper Tsai, Faculty of Science

Temporal and Spatial Patterning of Esrrb Expression During Cerebellar Development

Sustainability and Conservation

Mitch Syberg-Olsen, Faculty of Science

Diesel particulate matter induces changes in cellular reactive oxygen species generation and lowers CFTR abundance in human airway epithelial cells

2018 URO-MURC Interdisciplinary Award Winner

Chantelle Ko, Faculty of Arts

*TRAVIS - Touch Responsive Augmented Violin Interface System
(10-minute Oral Presentation)*

Mitch Syberg-Olsen, Faculty of Science

*Diesel particulate matter induces changes in cellular reactive oxygen species generation and lowers CFTR abundance in human airway epithelial cells
(Poster Presentation)*



2017 Oral Presentations Winners

First place

Gevorg Eginyan, School of Kinesiology

Effects of Active-Arm-Passive-Leg Exercise (AAPLE) on Acute Cardiorespiratory Responses in Individuals with High Thoracic SCI

Second place

Shivani Mysuria, Faculty of Science

Functional Change in Airway Smooth Muscle Associated with Knockdown of Smoothelin

Third place

Christina Cheung, Faculty of Arts

Eliminating the Penny in Canada: An Economic Analysis of Penny-rounding on Grocery Items

2017 Poster Presentations Winners

First place

Ariel Ko, Faculty of Arts

The destructiveness of perfectionism on group psychotherapy: Examining the role of self-disclosure

Second Place

Sahil Kanani, Faculty of Science

Kaitlyn Yang, Faculty of Science

Pavneet Kalsi, Faculty of Science

Whipping Out Bacteria - A New Era of Flagellum-Targeted Antibiotics

Third Place

Kristina Balce, Faculty of Medicine

Emilie Theberge, Faculty of Medicine

The Role of Genetics in Susceptibility or Resistance to Ethanol-Induced Cell Death During Prenatal Brain Development



2016 Oral Presentations Winners

First place

Aidan Pine, Faculty of Arts

Mobilizing Language Data: An Endangered Language Dictionary App

Second Place

Kennedy Wong, Faculty of Arts

When Anomie meets the label: Vicious Cycle in Homelessness

Third Place

Sam Leutheusser, Faculty of Science

Understanding the Black Hole Information Paradox

2016 Poster Presentations Winners

First place (Tie)

Rachel Wong, Faculty of Science

Mind wandering increases sensitivity to affective stimuli

First place (Tie)

Michaela Ragoonath, Faculty of Applied Science

Paula Morales, Faculty of Applied Science

UBC Thunderbots

Second place (Tie)

Tom Jin, Faculty of Science

Analysis of the Lung Microbiome in Idiopathic Pulmonary Fibrosis

Second place (Tie)

Anokh Dhillon, Faculty of Arts

Amolak Dhillon, Faculty of Arts

To establish the toxicity of personal care products using human spermatozoa as a biological screening model



Third Place

Michelle Lee, Faculty of Science

Shanna Yeung, Faculty of Science

Effects of Intravenous lidocaine infusions on pain and opioid consumption after pediatric scoliosis correction

2015 Oral Presentations Winners

First place

Rojin Kaviani, Faculty of Science

Assessment of Behavioural Phenotypes Resulting from Presenilin 1 Mutations, an Alzheimer's Disease Linked Gene, in Caenorhabditis elegans

Second Place

Paul Cernek, Faculty of Science

Josh Andrews, Faculty of Science

Josh Baker, Faculty of Applied Science

Arek Sredzki, Faculty of Science

Autonomous detection and avoidance of marine obstacles using thermal imaging

Third Place

Sara Alhowar, Faculty of Science

Effect of SDF-1 Chemokine on Cell Adhesion Mediated Drug Resistance (CAM-DR) in T-Acute Lymphoblastic Leukaemia

2015 Poster Presentations Winners

First place

Tony Zhao, Faculty of Science

Intravenous Immunoglobulin Skews Human Macrophages to a Regulatory Phenotype In Vitro



Second Place (Tie)

Kyra Borland-Walker, Faculty of Arts

Dialectal variation in vowel quality in Gitksan

Second Place (Tie)

Jason Zhou, Faculty of Science

Detection of the pathogenicity factor PtpA in Mycobacterium bovis BCG

Third Place

Jerry Ku, Faculty of Medicine

Wayne Hung, Faculty of Medicine

Alvin Ip, Faculty of Medicine

Developing social accountability and CanMEDS competencies in medical students through three different modes of learning

2014 Oral Presentations Winners

First place

Katie Mills, Faculty of Land and Food Systems

Why Do Individuals Groom? Functionality of Behaviour And Its Effect On Kangaroo Rat Conservation

Second Place

Michelle Reichert, Department of Zoology

Arterial Chemoreception in Tupinambis merrianae: Evidence for Carotid Body Homology in Lizards

Third Place (Tie)

Young Wook Kim, Faculty of Land and Food Systems

Public Trust in Animal Research Practices

Third Place (Tie)

Josh Newton, Faculty of Arts

Bridging the gap: an analysis of writings from the classroom to the real world



Third Place (Tie)

Eugenia Kwok, Faculty of Land and Food Systems

Public Openness in Laboratory Research: A Survey Study

Third Place (Tie)

Tiffany Tse, Faculty of Land and Food Systems

Herd Size Impacts Dairy Goat Hoof Length and Claw Overgrowth

2014 Poster Presentations Winners

First place (Tie)

Timothy Birnbaum, Psychology and Computer Science

Ricky Lau, Faculty of Science

Andrea Lam, Faculty of Science

Stress and Visual Attention

First place (Tie)

Bianca Yeung, Faculty of Science

Anita Bal, Faculty of Science

Father involvement in HIV-related care and antiretroviral (ARV) medication adherence in South Africa

First place (Tie)

Erick Carerras, Faculty of Science

Sean Huh, Faculty of Science

Gagandeep Gill, Faculty of Science

Farris Kassam, Faculty of Science

Hydroelectric Dams: how to make them a true green source of energy

Second Place (Tie)

Alvin Ip, Department of Neurosurgery

A Novel Way of Detecting Intrathecal Baclofen Withdrawal in Post-Operative Patients



Second Place (Tie)

Amanda Lee, Department of Psychology (Behavioural Neuroscience)

Richard Rigby, Department of Psychology

The Inhibitory Effect of CB1 Receptor Agonist HU-210 on Sexual Behaviour in Male Rats

2013 Oral Presentations Winners

First place

Robyn Giffen, Faculty of Arts

First Language Literacy: Using Orthography to Empower the Nabit Speakers of Ghana

Second Place

Evan Flater, Sauder School of Business

The Role of Cycling in the Vancouver Transit System

Third Place

Paulina Piesik, Faculty of Science

Viral Hemorrhagic Septicemia Virus: A Potential Pathogen for B.C.'s Farmed Atlantic Salmon

2013 Poster Presentations Winners

First place (Tie)

Grace Ma, School of Music

Human Potential, Human Progress and Human Objectivity: The Philosophical Constitution of Classical Music Criticism in d'Alembert's 'Discours préliminaire'

First place (Tie)

Harani Ramasamy, Faculty of Science

Effectiveness of Dabigatran in Treating AD Pathology



Second Place

Ada Lo, Faculty of Pharmacy

Effect of Rectal Cancer Treatment on Quality of Life

Third Place

Michael D. Schwan, Faculty of Arts

An Acoustic Description of Glottalized Obstruents in Gitskan

2012 Oral Presentations Winners

First place

Alvin Ip, School of Kinesiology

Applying resistance against the stronger leg to improve walking symmetry in people with stroke: a pilot study

Second Place

Benjamin MacLeod, Faculty of Applied Science

Probing sub-nanosecond dynamics at the atomic scale with a Scanning Tunneling Microscope

Third Place

Ryan Trenholm, Department of Computer Science

Reducing water usage in civic parks using adaptive irrigation

2012 Poster Presentations Winners

First place

Wille Kwok, Department of Computer Science

Albertina Wong, Department of Microbiology & Immunology

Bioinformatics analysis of gene networks in Fetal Alcohol Spectrum Disorder (FASD) and Autism Spectrum Disorder (ASD)

Second Place

Tess Walker, Faculty of Arts (Psychology)

A passing acquaintance's impact: Interacting with weak social ties affects well-being



Third Place

Ian Wong, Faculty of Pharmacy

Simvastatin therapy in a castration-resistant prostate cancer cell line reduces cell viability.

2011 Oral Presentations Winners

First place

April Dutheil, Department of Sociology

Arviat: An Intimate Re-Examination of Colonial Relations

Second Place

Jessica Baker, Department of Microbiology & Immunology

Lavender Protects Against Infection Colitis

Third Place

Olivia Shi, Faculty of Science (Biology)

Hormonal Regulation of Senescence Retardation and the Longevity of Fresh-Cut Chrysanthemum Flowers

2011 Poster Presentations Winners

First place

Arjun Nanda, Faculty of Science

Yoga and other complementary and alternative therapies for quality of life in perinatal women

Second Place

Halley Keevil, Faculty of Science

Mineralogy of supergene carbonate-hosted nonsulphide Zn-Pb mineralization in southern and central British Columbia



Third Place

William Bowden, Faculty of Applied Science

Optimizing Microfluidic Technology for High-Content, Image-Based Assays of Mammalian cells at the Single Cell Level

2010 Oral Presentations Winners

Andrew Hughes, Faculty of Arts (Psychology)

Hemispheric Asymmetry and Processing of Emotion

Daniel J. Field, Department of Zoology

Lunging for a Living: Feeding Mechanics of the Largest Animals That Ever Lived

Dorian Gangloff, Faculty of Applied Science

Correcting Quantum Errors: Fighting Decoherence in Nuclear Magnetic Resonance

Erik Christiansen, Faculty of Arts (International Relations)

Italians in the Thompson/Okanagan and West Kootenays Between the 1880s and 1920s

Hang Yu, Department of Microbiology & Immunology

Long-term Effects of Timber Harvesting on Bacterial and Eukaryal Communities

Nicholas FitzGerald, Faculty of Science

ASSESS: Abstractive Summarization Systems for Evaluative Statement Summarization

Sharon May, Department of Pathology and Laboratory Medicine

The Role of Brain High Density Lipoproteins in Facilitating β^2 -Amyloid Degradation

2010 Poster Presentations Winners

Jenny Lee, Faculty of Science (Biology)

The Effects of Secondary Degeneration on Size, Shape and Synaptic Input in Neurons in Gracile Fasciculus Following a Complete Spinal Cord Injury



Melanie van Soeren, Department of Microbiology & Immunology

Elucidation of the Role of the A600.1 Gene in the Amastigote Stage of Leishmania

Yukon Chen, Faculty of Science (Biology)

*Does Competitive Fitness against a Common Competitor Predict Competition Outcome between Haploids and Diploids in *Saccharomyces cerevisiae*? Development of a Flow Cytometry Protocol to Measure Competition Outcome between Haploid and Diploids*