National Undergraduate Student Research Program
Awards

Previous Recipients

2022
Sponsored by CSPS
Akshita Chandok (University of Alberta) A Survey of Canadian Pharmacists’ Knowledge and Comfort in the Management of Epilepsy and Antiepileptic Drugs
Idaylia Swanson (University of British Columbia) Building Community-based Medication Practices for a Self-Governing Remote Indigenous Community
Meagan London (Dalhousie University) Evaluation and clinical impact of a pharmacist-led, interdisciplinary service focusing on education, monitoring, and toxicity management of immune checkpoint inhibitors
Olivia Perry (Memorial University of Newfoundland) Quantification of Neurovasculature Changes in a Post-Hemorrhagic Stroke Animal-Model
Abdul Salama (University of Saskatchewan) Optimization and characterization of chitosan-coated polymeric nanoparticles for sustained oral release of the immunosuppressant drug mycophenolate mofetil
Vivien Trinh (University of Toronto) Ethanol-initiated oxidative DNA damage in Brca1 knockout mice
Lauren Dayes (University of Waterloo) Association between COVID-19 and mental health and coping responses of family/friend caregivers of residents in assisted living in Alberta and British Columbia

2021
Sponsored by CSPS
Minwoo Ha (University of Alberta) Identifying Novel Allosteric Sites and Analyzing the Hydrogen Bond Networks and Correlated Dynamics in the SARS-CoV-2 RNA Polymerase
Kelly Tam (University of British Columbia) Analysis of polysialylated breast cancer cell derived extracellular vesicles
James Davis (Dalhousie University) Implementing an updated evidence-based asthma care pathway for pediatric inpatients: a pre-post quality improvement study
Genesis Lobo (Université Laval) Lower Insoluble Aggregates of DJ1 and Parkin Proteins in the Substantia Nigra of Parkinson’s Disease Patients
Snehit Patel (University of Manitoba) Treatment with glucagon-like peptide-1 agonists improves β-cell survival in amyloid forming islets during ex vivo culture
Omar Shogan (Memorial University of Newfoundland) Characteristics that Influence Purchase Choice for Cannabis Products: A Systematic Review
Junior Jessy Gatete (Université de Montréal) Cahier de laboratoire électronique, il est temps!
Jenny Cheung (University of Toronto) Inflammation-induced peripheral hyperalgesia perturbs neuronal function in the superficial dorsal horn of the spinal cord
Svetlana Litchmanova (University of Waterloo) Analysis of the relationship between age and vWF in hemophilia A: the precision of using age as a proxy for vWF in FVIII population pharmacokinetic models for estimating PK

2020
Sponsored by GlaxoSmithKline
Julian Ethier-Hopwood, University of Alberta
Characterization of a poly(Acrylic acid)-grafted-Cellulose NanoCrystal Bio-adhesive Nano-gel for Local Antineoplastic Drug Delivery in Colorectal Cancer Treatment
Colin Blackadar, Memorial University of British Columbia
Pharmacokinetics of Native and Nano-Formulated Innate Defense Regulator Peptides
Chandni Sehgal, Dalhousie University
Factors associated with patient success in a self-medication program in a rehabilitation setting in Halifax, Nova Scotia
Marie-Noël Boullianne, Université Laval
Development of liposomal formulation for delivering the Feldan Shuttle, a cell-penetrating peptide
Tushar Upreti, University of Manitoba
The Effect of Gold Nanoparticle Protein corona formation on its imaging capability of tumour tissue
Taylor Skinner, Memorial University of Newfoundland
Effects of wild Newfoundland blueberries in models of Parkinson’s disease
Jessica Le Blanc, Université de Montréal
Platelets Selectively Regulate the Release of BDNF, but not that of PROBDNF
Brittany Scutchings, University of Saskatchewan
Optimization of Peptide-Modified Gemini Surfactant-Based Gene Delivery System for Dental Application
Winston Chan, University of Toronto
An Investigation into CRISPR Cas12a’s in-vitro ssDNA Interactions
Shams Ismaeil, University of Waterloo
Simulation of Acebutolol Pharmacokinetics in Chronic Kidney Disease (CKD) Patients Using Physiologically Based Pharmacokinetic Modelling (PBPK)

2019
Sponsored by GlaxoSmithKline
Jadin Chahade, University of Alberta
Skeletal Muscle Ketone Body Metabolism Regulates Glycemia During Experimental Obesity
Jamie Park, University of British Columbia
Smartphone Apps Targeting Medication Adherence: Content Analysis of User Reviews
Joonho (Jimmy) Lee, Dalhousie University
Jadomycin B and S Prevent the Formation of Mammospheres Originating from Breast Cancer Stem Cells
Patricia Poulin, Université Laval
Evaluation of Dalteparin and Enoxaparin Accumulation in Renal Impaired Patients
Nicole Head, Memorial University of Newfoundland
Potential Protective Effects of Sea Cucumber Extract in Animals with Ethanol-Induced Dysfunction
Jean-Alexandre Caissy, Université de Montréal  
*Characterization of the Effects of SUMOylation on the Orphan Nuclear Receptor Nur77*  
Anna Maria Smolyakova, University of Saskatchewan  
*Characterization and Modulation of the Type 1 Cannabinoid Receptor in a Rat Model of Absence Epilepsy*  
Constantine Georgiou, University of Toronto  
*Characterizing the Upregulation of Reduced Folate Carrier (RFC) by Vitamin D Receptor at the Blood-Brain Barrier*  
Naushin Hooda, University of Waterloo  
*Chemotherapy-Induced Nausea and Vomiting (CINV) in Colorectal Cancer (CRC) Patients Undergoing FOLFOX Chemotherapy: A Retrospective Chart Review Comparing Two Ontario Hospitals*

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2018  
Sponsored by GlaxoSmithKline  
Jonathon Thomson, University of Alberta  
Supervisor: Dr. Cheryl Sadowski  
*Needs Assessment and Online Program for Physiotherapists in Alberta Regarding Physical Function and Drugs*  
Anne Nguyen, University of British Columbia  
Supervisor: Dr. Shyh-Dar Li  
*Modulating Physiochemical Properties of a Small Peptide Drug by Chemical Conjugation*  
Kelsey Mann, Dalhousie University  
Supervisors: JR Manderville and Heather Neville  
*Nocturnal Hypoglycemia Associated with Bedtime Insulin Mixture Administration in Hospitalized Patients*  
Rachel Ward, Memorial University of Newfoundland  
Supervisor: John Weber  
*Potential Neuroprotective Effects of Wild Blueberries: A Pilot Study*  
Francis Lefebvre, Université de Montréal  
Supervisor: Marc Servant  
*Investigating the Role of the IKKβ Protein Kinase in Vascular Remodeling Events*  
Grace Cuddihy, University of Saskatchewan  
Supervisor: Kishor Wasan  
*Cytotoxicity Profiles of Lanthanide Compounds within Human Kidney (HEK-293), Liver (HEPG2), and Osteoblast (HOb) Cells in addition to Murine Pre-osteoclast (RAW 264.7) Cells*  
Wendy Siu, University of Toronto  
Supervisor: Carolyn Cummins  
*Examining the Cholesterol Synthetic Pathway in the Search for New Druggable Targets for Glioblastoma*  
Stephanie De Jong, University of Waterloo  
Supervisor: Praveen Nekkar Rao  
*Effect of Female Sex Hormones and Their Derivatives on Amyloid Beta Aggregation*

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2017  
Sponsored by GlaxoSmithKline  
Pawan Gill, University of Alberta  
Supervisor: Dr. Lisa Guirguis  
*Developing Tools to Help Pharmacists Take Action with Asthma*
Jovan Gill, University of British Columbia
Supervisor: Dr. Urs Hafeli
*Investigation of the Potential Application of Rhenium in Diagnostic X-Ray Imaging*

Camille Thibault, Université Laval
Supervisor: Dr. Chantale Simard
*Is Exposure to Cigarette Smoke Influencing NAFLD-induced Modulation of Drug Metabolism?*

Lyndon Walker, University of Manitoba
Supervisor: Dr. Emmanuel Ho
*Mathematical Prediction of Hydrophilic Chemotherapeutic Elution Kinetics from a Reservoir Polyurethane Intravaginal Ring Fabricated by Fused Deposition Modeling 3D Printing*

Catherine Grandy, Memorial University of Newfoundland
Supervisor: Dr. John Weber
*The Effect of Antioxidant-rich Newfoundland Wildberry Extracts on Neuroinflammation*

Valérie Long, Université de Montréal
Supervisor: Dr. Céline Fiset
*Increased Heart Rate in Pregnant Mice is Associated with Changes in Sinoatrial Node Calcium Homeostasis*

Kayla Wharton, University of Saskatchewan
Supervisor: Dr. Ildiko Badea
*Development of Radiolabeled Antibody-Targeted Gemini Nanoparticles for Melanoma*

Steven Choi, University of Toronto
Supervisor: Dr. Reina Bendayan
*Peroxisome Proliferator-Activated Receptor Gamma (PPAR-γ): Potential Therapeutic Target in HIV-1 Associated Brain Inflammation and Excitotoxicity*

__2016__
Sponsored by GlaxoSmithKline
Amanda Leong, University of Alberta
Supervisor: Dr. Mark Makowsky
*An Evaluation of the Quality of iPhone Applications for Hypertension Self-Management*

Madelaine Bell, University of British Columbia
Supervisor: Mark Harrison
*How is Uncertainty in Risks and Benefits Presented in Patient Decision Support Interventions? A Review*

Sara Rehan, Dalhousie University
Supervisor: Dr. Ingrid Sketris
*Co-prescription of Antipsychotic and Antiparkinson Medications: Adherence to Guidelines and the STOPP (Screening Tool of Older Persons’ Potentially Inappropriate Prescriptions) Criteria in Beneficiaries of the Nova Scotia Seniors’ Pharmacare Program*

Carolanne Gélinas, Laval University
Supervisor: Dr. Chantale Simard
*Altered Cardiac Protein Expression of CYP2j in Mouse Models of Type I and Type II Diabetes*

Karam Al-Bayati, University of Manitoba
Supervisor: Dr. Emmanuel Ho
*Development of Antibody-modified Chitosan Nanoparticles for the Targeted Delivery of siRNA across the Blood-brain Barrier as a Strategy for Inhibiting HIV Replication in Astrocytes*
Scott Unruh, Memorial University of Newfoundland
Supervisor: Dr. John Weber
*Determination of Polyphenolic Content and Antioxidant Capacity of Wild Newfoundland Berries*
Meghanne Rieder, University of Saskatchewan
Supervisors: Kishor and Ellen Wasan
*Lanthanide Compounds for the Treatment of Bone Density Disorders*
Ying (Marc) Li, University of Toronto
Supervisor: Dr. Reina Bendayan
*Characterization of Low Affinity Folate Transporters at the Blood-Brain Barrier*
Paul Malik, University of Waterloo
Supervisor: Andrea Edginton
*Using Population PBPK Modelling to Explore Variability in Trastuzumab Pharmacokinetics*

**2015**

**Sponsored by GlaxoSmithKline**

Kamran Bahadorani, University of Alberta
Supervisor: Dr. Kamaljit Kaur
*Identification of Target Receptor Protein for P160-based Cancer*
Miao Yan (Marilyn) Sun, University of British Columbia
Supervisor: Dr. Tara Leah Klassen
*Novel Missense Mutations in SCN1B as a Cause of Pediatric Epilepsy*
Matthew Ladda, Dalhousie University
Supervisor: Dr. Kerry Goralski
*Jadomycins B, S, and F are Aurora B Kinase Inhibitors and are Cytotoxic to Multiple Breast Cancer Subtypes*
Audrey Blais-Boilard, Universite Laval
Supervisor: Dr Chantale Simard
*Altered Hepatic Protein Expression of CYP2c and CYP4a in Mouse Models of Type I and Type II Diabetes*
Jessica Adria, University of Manitoba
Supervisor: Dr. Emmanuel Ho
*Targeted Brain Delivery of siRNA using Dual-antibody Modified Chitosan Nanoparticles*
Matthew Hamlyn, Memorial University of Newfoundland
Supervisors: Justin Peddle and Laurie Twells
*Medication use After Laparoscopic Sleeve Gastrectomy: One Year Results from the Newfoundland and Labrador Bariatric Surgery Cohort Study*
Nour Ghazal, Universite de Montreal
Supervisor: Dr. Gregoire Leclair
*Mimicking the Cholera Toxin to Enhance the Intestinal Absorption of Poorly Permeable Drugs*
Matthew Walliser, University of Saskatchewan
Supervisor: Dr. Azita Haddadi
*Novel Anti-Cancer Compounds for Cervical Cancer*
Theodora Bruun, University of Toronto
Supervisor: Dr. Reina Bendayan
*Regulation of Folate Permeability at the Blood Brain Barrier*
2014
Sponsored by GlaxoSmithKline

Howe-Ming Yu, University of Alberta
Supervisor: Dr. Kamaljit Kaur
Using Peptides to Synthesize Cancer Targeting Compounds
Riley Walsh, University of British Columbia
Supervisor: Dr. Kishor Wasan
Efficacy of an Oral and Tropically Stable Lipid-based Formulation of Amphotericin B (iCo-010) in an Experimental Mouse Model of Systemic Candidiasis
Andre Pollmann, Dalhousie University
Supervisor: Dr. Andrea Murphy
In Search of the Optimal Strategy for Sedative Discontinuation: A Literature Review
Jessica Virgili, Universite Laval
Supervisor: Dr Frédéric Calon
Effect of Glycine on Cognitive Functions of 3xTg-AD Mice
Amanda Li, University of Manitoba
Supervisor: Dr. Emmanuel Ho
Fabrication and Characterization of a Segmented Reservoir Intravaginal Ring Device for Controlled Release of Hydroxychloroquine
Kaetan Waghmare, Memorial University of Newfoundland
Supervisor: Dr. Noriko Daneshtalab
The Effect of Advanced Age and Inflammation in Inducing Stroke in Hypertensive Situations
Caitlin Strugari, University of Saskatchewan
Supervisor: Dr. Ildiko Badea
Cyclodextrin-based Nanoparticles Overcome Drug Resistance to Antimelanoma Drug
Arman Zereshkian, University of Toronto
Supervisor: Dr. Raymond Reilly
Effect of Human Polynucleotide Kinase/Phosphatase Inhibitor on Survival of Acute Myeloid Leukemia Cells Bearing the Leukemia Stem Cell Phenotype CD123+/CD131- Following Exposure to External Gamma Irradiation or Auger Electron
Sarah Johnson, University of Waterloo
Supervisor: Dr. Nancy Waite
Pharmacy Students-As-Immunizers: A Scoping and Jurisdictional Review

2013
Sponsored by GlaxoSmithKline

Darlene Korn, University of Alberta
Supervisor: Dr. Mark Makowsky
An Evaluation of Hypertension Self-management Applications for the iPhone
Andrea Wan, University of British Columbia
Supervisor: Dr. Brian Rodrigues
Endothelial Heparanase Secretion Induced by High Glucose Amplifies Fatty Acid Delivery to the Cardiomyocyte
Matthew Morrison, Dalhousie University
Supervisor: Dr. Kerry Goralski
Quantifying Dabigatran Etxelate Pharmacokinetics and Pharmacodynamics in Hemodialysis Patients
Alicia Dash, University of Manitoba  
Supervisor: Dr. Emmanuel Ho
*Development and Characterization of a Novel Intravaginal Nanomedicine for the Targeted Delivery of Saquinavir to CD4+ T-Cells*
Nelson Pearce, Memorial University of Newfoundland  
Supervisor: Dr. Noriko Daneshtalab
*Multi-Disease Animal Model for Examining the Relationship Between Stroke and Rheumatoid Arthritis*
Kaiyu Yang, University of Toronto  
Supervisor: Dr. Raymond Reilly
*111 In Labeled Gold Nanoparticles Conjugated to Trastuzumab (111In-Au-T) Selectively Target HER-2 Overexpressed Breast Cancer Cells and Cause DNA Double Strand Breaks*

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**2012**

Sponsored by GlaxoSmithKline

Christopher Chen, University of Alberta  
Supervisor: Dr. Kamaljit Kaur
*Using Peptides to Create Cancer Targeting Compounds*
Kathryn Landry, Dalhousie University  
Supervisor: Dr. Kerry Goralski
*Effect of a Surgery-induced Inflammatory Response on the Brain Distribution of Morphine and its Glucuronidated Metabolites*
Jordan Nash, University of Manitoba  
Supervisor: Dr. Gaik-Lean Chee
*Chemical Reactivity and Biological Activity of Dihydro-1,4-dithiin Tetraoxides*
Stephanie Hewitt, Memorial University of Newfoundland  
Supervisor: Dr. John Weber
*Analyzing the Potential Neuroprotective Effects of Antioxidants*
Arwa El-Housseini, Université de Montréal  
Supervisor: Grégoire Leclair
*Nanonized Nystatin: From In Vitro Activity to In Vivo Efficacy Evaluation*
Heather Duerksen, University of Saskatchewan  
Supervisor: Ildiko Badea
*Novel Cyclodextrin-based Nanoparticles Engineered for the Treatment of Skin Cancers*
Chonguk Allan Choi, University of Toronto  
Supervisor: Dr. Linda MacKeigan
*Psychometric Analysis of the Multiple Mini-Interview as an Admissions Tool for the Leslie Dan Faculty of Pharmacy*
Muffadal Shamshuddin, University of British Columbia  
Supervisor: Dr. Peter Soja
*Carrageenan-Induced Hyperalgesia is Associated with Cortical EEG Slowing*

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**2011**

Sponsored by GlaxoSmithKline
Deidre Clark, Memorial University of Newfoundland
Supervisor: Dr. Deborah Kelly
*Determining Patient Attitudes Regarding the Role of the Pharmacist*

Anita Cumbleton, University of Alberta
Supervisor: Dr. Lisa Guirguis
*Pharmacists’ Integration of Practice Care Tools for Assessment and Documentation into Routine Patient Care*

Catherine Julien, Université Laval
Supervisor: Dr. Paul Poirier
*Prevalence, Awareness, Treatment and Control of Hypertension and Associated Risk Factors within the PURE-Quebec Cohort*

Soriya Kvann, Université de Montréal
Supervisor: Dr. Daniel Levesque
*Effects of TNF-a Gene Knockout on Basal and Antipsychotic-induced Nur77 Expression in the Mouse Brain*

Yatong Li, University of Toronto
Supervisor: Dr. Sandy Pang
*Effects of Vitamin D Analogs on Cyp7a1, the Rate-Limiting Enzyme in Cholesterol Metabolism*

Jonathan Melong, Dalhousie University
Supervisor: Dr. David Jakeman
*Design of New Antibiotics by Attenuating Cell Wall Biosynthesis through Inhibition of the L rhamnose Biosynthetic Pathway in Streptococcus Pneumonia*

Calvin Poon, University of Waterloo
Supervisor: Dr. Roger Cheng and Dr. Sylvia Hyland
*Medication Incidents Involving Psychotropic Drugs: An Aggregate Analysis*

Lindsay Usher, University of Saskatchewan
Supervisor: Dr. Anas El-Aneed
*Single Stage and Tandem Mass Spectrometric Analysis of Novel Antineoplastic Curcumin Analogs*

Ian Wong, University of British Columbia
Supervisor: Dr. Kishor Wasan
*Dietary Supplementation with Phytosterol and Ascorbic Acid Reduces Mass Accumulation in High Fat-fed Mice*

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**2010**

**Sponsored by Merck-Frosst Canada Ltd.**

Elissa Aeng, University of British Columbia
Supervisor: Dr. Helen Burt
*Micellar Paclitaxel and Docetaxel for Intravesical Bladder Cancer Therapy*

David Nguyen, University of Manitoba
Supervisor: Dr. Frank Burczynski
*Cellular Antioxidant Effect of Ditiazem and Silymarin*

Sarai Hamodat, Memorial University of Newfoundland
Supervisor: Dr. John Weber
*Analyzing the Potential Neuroprotective Effects of Native Newfoundland and Labrador Berries*
Corey Ramer, University of Alberta
Supervisor: Dr. Paul Jurasz
_A Novel Anti-Angiogenesis Mechanism of Angiostatin: Inhibition of Endothelial Cell MMP-2 Production_
Jenna McNeil, Dalhousie University
Supervisor: Dr. Kerr Goralski
_Characterization of P-glycoprotein Transport in a Novel Human Proximal Tubule Cell Line_
Lindsay Wong, University of Toronto
Supervisor: Dr. Suzanne Cadarette
_Confounding in Pharmacoepidemiologic Studies of Fracture Risk_
Katherine Lang, University of Saskatchewan
Supervisor: Dr. Anas El-Aneed
_Qualitative Investigation of Barriers to Accessing Health Services by Injection Drug Users in Saskatoon Health Region_

2009
Sponsored by Merck-Frosst Canada Ltd.
Joshua Buse, University of Saskatchewan
Supervisor: Dr. Anas El-Aneed
_Similarities and Differences in the Mass Spectrometric Fragmentation Patterns of a Series of Novel Gemini Surfactants Used in Non-Viral Gene Delivery_
Trevor Elton, University of Alberta
Supervisors: Dr. Mark Makowsky & Dr. Ross Tsuyuki
_Differences in Prevalence and Treatment Patterns of Lower Extremity Peripheral Arterial Disease in Urban and Rural Communities in Alberta (epiPAD)_
Anthony Gador, University of British Columbia
Supervisor: Dr. Kathleen McLeod
_Role of INOS and Reactive Oxygen Species in Activation of HroA/Rho Kinase Pathway in Diabetic Cardiomyopathy_
Jesse Goldmacher, University of Toronto
Supervisor: Dr. Carolyn Cummins
_Investigating Insulin and Glucocorticoid Signaling in LXR-Deficient Mice_
Michael Prout, University of Manitoba
Supervisor: Dr. Mike Namaka
_An Interim Analysis: The Role of Superantigen Producing Staphylococcus Aureaus in the Etimology of Multiple Sclerosis_
Thomas Veinot, Dalhousie University
Supervisor: Dr. David Jakeman
_Structural Elucidation of Drug Metabolites and Identifying New Antibiotics Using Mass Spectrometry Unit_

2008
Sponsored by Merck-Frosst Canada Ltd.
Travis Featherstone, University of Alberta  
Supervisor: Dr. Scot Simpson  
*Characterizing Use of Acetylsalicylic Acid Within a Long Term Nursing Home Facility*

Christine Leong, University of Manitoba  
Supervisor: Dr. Mike Namaka  
*Nasal Colonization of Staphylococcus aureus in Relapsing Remitting Multiple Sclerosis Patients*

Leslie Leung, University of British Columbia  
Supervisor: Dr. Ujendra Kumar  
*Regulation of the Membrane Expression of Somatostatin Receptor Subtypes (SSTR 1 to 5) Under Tamoxifen and Estradiol Treatment and the Effect of Oxidative Stress on the Cell-death Pathway in Human Breast Cancer Cells*

Alexandre Meunier, University of Toronto  
Supervisor: Dr. Stephane Angers  
*Characterization of FLJ10324: A Novel Protein Connecting Heterotrimeric and Small G Proteins*

Jason Wentzell, Dalhousie University  
Supervisor: Dr. David Jakeman  
*Cloning and Characterization of the Metabolic Genes Involved in the Biosynthesis of L-digitoxose*

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**2007**  
**Sponsored by Merck-Frosst Canada Ltd.**

Ali-Reza Merali, University of British Columbia  
Supervisor: Dr. Kishor M. Wasan  
*Effect of Risperidone on the Plasma and Lipoprotein Distribution of Clozapine following Co-Incubation within Normolipidemic and Hypertriglyceridemic Human Plasmas*

Naureen Sheikh, Memorial University of Newfoundland  
Supervisor: Dr. Husam Younes  
*Novel Photocrosslinked Poly (alkylene tartarate) Biodegradable Elastomers: Synthesis, Characterization and in vitro Release Studies*

Robert Hardy, University of Manitoba  
Supervisor: Dr. Xiaochen Gu  
*Effect of Polyethylene Oxide (PEP) Content and Drug Solubility on Polymer Swelling and Drug Dissolution*

Lillian Lim, University of Alberta  
Supervisor: Dr. Mavanur R.Suresh  
*Characterization of Monoclonal Antibodies Against Sars-Coronavirus Nucleocapside Protein for Diagnostic Applications*

Lindsay Lord, Dalhousie University  
Supervisors: Dr. Anne Marie Whelan and Dr. Tannis Jurgens  
*Evaluating the Quality of Randomized Controlled Trials (RCTs) Examining the Effectiveness of Natural Health Products (NHPs): A Systematic Review of Critical Appraisal Instruments*

Shazia Syed, University of Toronto  
Supervisor: Dr. Usoa Busto  
*Clinical and Genetic Characterization of Co-morbid Populations: Pathological Gambling with Substance Use Disorders*

Francois Duhamel, Universite de Montreal  
Supervisor: Dr. Jean-Francois Bouchard  
*Cannabinoids: New Modulators of Synaptogenesis*
2006
Sponsored by Merck-Frosst Canada Ltd.

Framin Mark, 2nd Year Pharmacy, University of British Columbia
Supervisor: Dr. Urs Hafeli
Toxicity Measurement of Magnetic Nanoparticles

Jeremy Reid, 2nd Year Pharmacy, Memorial University
Supervisor: Dr. Husam Younes
Mechanistic Release Study of Water Soluble Drugs from Hydrophobic / Amphiphilic Elastomeric Matrices

Aneri Gupta, 2nd Year Pharmacy, University of Manitoba
Supervisor: Dr. Mike Namaka
The Role of Superantigen-Producing Staphylococcus aureus in the Etiology of Multiple Sclerosis

Jany Zhang, 2nd Year Pharmacy, University of Alberta
Supervisor: Dr. Mavanur R. Suresh
Dendritic Cell Targeting of MUC-1 Breast Cancer Peptide Expressed on Bacterial Surface

Taryn Reid, 3rd Year Pharmacy, Dalhousie University
Supervisor: Dr. David Jakeman
Growth, Extraction and Isolation of Novel Jadomycins

Jaklin Iskander, 3rd Year Pharmacy, University of Toronto
Supervisor: Dr. Heather Boon
Natural Health Products: Is There Evidence for Safety and Efficacy?

Jason Jobse, 2nd Year Pharmacy, University of Saskatchewan
Supervisor: Dr. Jane Alcorn
The Effect of the Flaxseed Lignan, Secoisolariciresinol Diglucoside, on Triglyceride Levels in a Hypertriglyceridemic Rat Model

Marilou Grenier, 2nd Year Pharmacy, Laval University
Supervisor: Dr Roxane Pouliot
Effet de l’acide rétinoïque sur l’hyperprolifération et la différenciation cellulaire des kératinocytes psoriasiques

2005
Sponsored by Merck-Frosst Canada Ltd.

Framin Mark, 1st Year, University of British Columbia
Supervisor: Dr. Urs Hafeli
Toxicity Measurement of Magnetic Nanoparticles

Jeremy Reid, 1st Year, Memorial University
Supervisor: Dr. Husam Younes
Mechanistic release study of water soluble drugs from hydrophobic/amphiphilic elastomeric matrices
Aneri Gupta, 1st Year, University of Manitoba  
Supervisor: Dr. Mike Namaka  
*The Role of Superantigen-Producing Staphylococcus aureus in the Etiology of Multiple Sclerosis*  
Jany Zhang, 1st Year, University of Alberta  
Supervisor: Dr. Mavanur R. Sures  
*Dendritic Cell Targeting of MUC-1 Breast Cancer Peptide Expressed on Bacterial Surface*  
Taryn Thompson, 2nd Year, Dalhousie University  
Supervisor: Dr. David Jakeman  
*Novel Jadamycins based on non-natural amino acids*  
Jaklin Iskander, 2nd Year, University of Toronto  
Supervisor: Dr. Heather Boon  
*Natural Health Products: Is There Evidence for Safety and Efficacy?*  
Erin Carla Fiege, 3rd Year, University of Saskatchewan  
Supervisor: Dr. Jian Yang  
*Kinetic study of Pentachlorophenol (PCP) Hydroxylase.*  
Guylaine Ricard, 1st Year, Laval University  
Supervisor: Dr. Benoit Drolet  
*Le rôle modulateur du diabete dans la pharmacologie et al pharmacocinetique cardiovasculaire*