

**CLS FUNDED SUMMER STUDENTS**

**2000**

<b>Supervisor</b>	<b>Student</b>	<b>Project</b>
Dr. James Kellner	Hiu Yee Kwok	Studies of Antimicrobial Resistance
Dr. David Easton	Mark Paul	Audit of Transfusion Practice in Elective Surgery

**2001**

<b>Supervisor</b>	<b>Student</b>	<b>Project</b>
Dr. Francis Green	Jessica Brown	Analysis of Inuit carving stone samples for Asbestiform minerals
Dr. Hallgrimur Benediktsson	Walter Truong	C4D: A Novel Immunofluorescence marker for humoral renal allograft rejection.
Dr. Stefan Urbanski	Penny Tam	Reovirus as a tumoricidal agent in various human malignancies- colonic, pancreatic, lung and ovarian carcinomas
Dr. Anna Kossakowska	Claire Hart	Reovirus as a tumoricidal agent in various human malignancies- human NHL

**2002**

<b>Supervisor</b>	<b>Student</b>	<b>Project</b>
Dr. Francis Green	Anil Rickhi	Rapid Diagnosis of Pulmonary Infections Using High Resolution Real Time Microscopy
Dr. Allan Oryschak	Jodi Siever	Prostatic Intraepithelial Neoplasia, High Grade: Pathological and clinical findings with ten-core prostate biopsy sampling on initial and repeat biopsy.
Dr. Stefan Urbanski	Leanne Fong	Reovirus as a tumoricidal agent in various human malignancies- colonic, pancreatic, lung and ovarian carcinomas
Dr. Anna Kossakowska	Daryl Bergen	Reovirus as a tumoricidal agent in various human malignancies- lymphomas and CLL

**2003**

<b>Supervisor</b>	<b>Student</b>	<b>Project</b>
Dr. Kunyan Zhang	Jennifer Sparling	Development of a Multiplex PCR Assay for Simultaneous Identification and Detection of Methicillin- and Mupirocin-Resistant Staphylococcus aureus
Dr. Francis Green	Jennifer Pon	Ambient Air Pollution and Small Airway Disease
Dr. John Conly	Amber Molnar	Prevalence of colonization and comparison of conventional vs PCR based methods for the detection of Methicillin-, Mupirocin- and Vancomycin-Resistant SA in the CPD Population in CHR and Southern Alberta
Dr. Sameer Elsayed	Julia Sun	Comparison of Real-Time PCR vs Microscopy for the Diagnosis of Acute Malaria <b>Student declined award</b>

## CLS FUNDED SUMMER STUDENTS

2004

### Master of Biomedical Technology Competition

Supervisor	Student	Project
Dr. Anthony Magliocco	Paul Cantle	Evaluation of Methodologies for measurement and clinical significance of circulating HER2/neu in breast cancers
Dr. Douglas Demetrick	Barry McTavish	Molecular Assessment of Structural Genetic Abnormalities in Human Tissue Specimens Using Chromogenic <i>In Situ</i> Hybridization

### CLS/Calgary Health Region Competition

Supervisor	Student	Project
Dr. Andrew Lyon	Sahra Kanji	The Association between Maternal Self-Reported Alcohol Use and Fatty Acid Ethyl Esters (FAEE) in Meconium
Dr. Kiril Trpkov	Yuan Gao	Assessment of prostate cancer volume in radical prostatectomy after a one core positive biopsy with a ten-core sampling technique with emphasis on minimal prostate cancer on biopsy
Dr. Zu-hua Gao	Michelle Chow	Post-transplant Monitoring: Predict the Clinical Outcome of Kidney Allografts by the Measurement of Intracytoplasmic Cytokines and Serum Donor Specific Antibody

2005

### Master of Biomedical Technology Competition

Supervisor	Student	Project
Dr. Anthony Magliocco	Sonya Douangmany	Evaluation of Novel Serum Markers for Breast Cancer Treatment Monitoring <b>Student Declined Award</b>
Dr. Douglas Demetrick	Erin MacRae	B-raf mutation status as a diagnostic tool for melanocytic skin lesions
Dr. Kunyan Zhang	Michel Yao	Detection of the Molecular Mechanism Coding for Low-Level Mupirocin Resistance (L-MuR) in Staphylococci

### CLS/Calgary Health Region Competition

Supervisor	Student	Project
Dr. Martha Lyon/Jean Mah	Thalia Field	The Calgary Vitamin D Study
Dr. Richard Krause	Kelly McGowan	The Influence of Disease Grouping on the Prevalence of Anti-Endomysial Antibodies in a Pediatric Population
Dr. Zu-Hua Gao	Michelle Chow	The role of E-cadherin, Matrix Metalloproteinases and their Inhibitors in the Development, Progression and Metastatic Potential of Primary Hepatic Malignancies <b>Award Declined-Student and supervisor accepted funding from Alberta Cancer Board</b>
Dr. Kiril Trpkov	George Kurien	Preoperative prediction of prostate cancer stage, Gleason score and surgical margin status on prostatectomy from the parameters on ten-core biopsy and significance of perineural invasion on core biopsy

## CLS FUNDED SUMMER STUDENTS

2006

### Master of Biomedical Technology Competition

Supervisor	Student	Project
Dr. Anthony Magliocco	Kali Leary	<b>Serum Breast Cancer Load</b>
Dr. Douglas Demetrick	Victoria Snowdon	Mitochondrial DNA Testing to Identify Tissue Contamination or Misidentification
Dr. Adnan Mansoor	Jessica MacLaren	Validating p-PKCd, p-AKT and PTEN as prognostic markers in Multiple Myeloma

### CLS/Calgary Health Region Competition

Supervisor	Student	Project
Dr. Kiril Trpkov	Melissa Chan	Development of Artificial Neural Network to Predict Radical Prostatectomy Findings in Patients Diagnosed with Prostate Cancer on Needle-Biopsy

2007

### Master of Biomedical Technology Competition

Supervisor	Student	Project
Dr. Noureddine Berka	Anjali Singh	Post-Transplant Monitoring: Predict Kidney allograft Rejection by the Measurement of Serum Donor-specific Antibody Level
Dr. Douglas Demetrick	Dragana Ponjevic	Array CGH for Diagnosis of Melanoma
Dr. Adnan Mansoor	Michael Collins	Identifying novel markers to predict response to Bortezomib in multiple myeloma patients
Dr. Johann Pitout	Yi Wei	The development of an assay for the detection of Enterobacteriaceae with plasmid-mediated resistance to the quinolones (PMQR) in the Calgary Health Region

### CLS/Calgary Health Region Competition

Supervisor	Student	Project
Dr. Kiril Trpkov	Jenny Thompson	Kidney Cancer in the Calgary Health Region-Comprehensive Clinicopathological Evaluation