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<tr>
<th>Time</th>
<th>Topic</th>
<th>Presentation Description</th>
<th>Speaker</th>
<th>Bio</th>
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<tr>
<td>0800 - 0845</td>
<td>Registration</td>
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<tr>
<td>0815 - 0845</td>
<td>Continental Breakfast</td>
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<tr>
<td>0900 - 1030</td>
<td>The Nerve to Serve... Say Hello to Humor &amp; Goodbye to Burnout!</td>
<td>Humor helps. The ability to laugh at life helps us deal with daily disappointments and setbacks. Humor gives healthcare professionals the nerve to serve in our increasingly complex and challenging environment. Join us as we demonstrate how humor helps you stay in control, stay positive, and maintain balance and perspective.</td>
<td>Jodi Urquhart</td>
<td>As an inspirational guest speaker, Jody has been presenting her motivational speeches around the world for over 13 years. She is passionate about spreading the message of fun, and meaningful work. She addresses over 40 organizations and associations annually, and is one of Canada's top female motivational keynote speakers.</td>
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<td>1030 - 1100</td>
<td>Coffee Break</td>
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<td>1100 - 1215</td>
<td>Infection Control and Super-Bugs</td>
<td>Routine Precautions MRSA/VRE/ESBL</td>
<td>Debbie Cosgrove-Swan</td>
<td>As an author, Jody wrote the book All Work &amp; No SAY. Her mission in writing, as in motivational speaking, is to help individuals and organizations derive more meaning and deeper satisfaction from their work.</td>
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<td>An Update on OneMatch Stem Cell &amp; Marrow Network and the Canadian National Public Cord Blood Bank</td>
<td>Becky Luk</td>
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<td>Case Studies - Microorganisms Found on Blood Smears</td>
<td>Murray Savard</td>
<td>I grew up when Edmonton was &quot;the City of Champions.&quot; I attended the U of A for both my undergrad and MD. During a brief 20 yr stint in the Military, I became a Pathologist and eventually ended up as Chief of Labs for the Armed Forces. I also was Lab Director for Gamma Dynacare Labs of Eastern Ontario and on staff at the Ottawa General and Quinntary Carelton hospitals. I returned to the West spending 9 years in Red Deer. All before becoming a pathologist at the KGH in Kelowna. I am a Genaer pathologist and still participate in all aspects of lab Medicine.</td>
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<td>Uncertainties in Measurement</td>
<td>Malcolm Smith</td>
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<td>1215 - 1330</td>
<td>Lunch</td>
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<td>1330 - 1445</td>
<td>Anaerobic Susceptibility Testing</td>
<td>Presentation will focus on anaerobic Antimicrobial resistance and clinical indications for susceptibility testing</td>
<td>Edith Blondel-Hill</td>
<td>Dr. Blondel-Hill is a specialist in both medical microbiology and infectious diseases. Her interests include antimicrobial susceptibility testing, mechanisms of resistance and antimicrobial stewardship.</td>
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<td>Hematological Emergencies</td>
<td>My presentation will be an overview of blood film findings that require urgent or emergent interventions to the patient and consequently, urgent communication with the attending physician. The presentation will focus on morphologic features, common pitfalls that could cause you to miss the findings or &quot;over call&quot; the feature as well as additional laboratory testing that can be helpful in confirming what we see on the slide. I will also discuss the variations in staining and the importance of developing an effective &quot;stain qc&quot; process as a good stain is pivotal in discerning some of these critical morphologic features.</td>
<td>Gwen Clarke</td>
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<td>Melanocytes Behaving Badly: An update on Melanoma for Health Professionals</td>
<td>We will discuss types of nevi, atypical nevi and dysplastic nevi, as well as an individual's risk for the development of melanoma. How melanoma is diagnosed and the prognostic factors will be highlighted together with newer molecular techniques and the therapies related to mutations found in melanoma. The goal is to provide up to date and basic understanding of melanoma pathogenesis, screening, diagnosis and treatment.</td>
<td>Richard Kasper</td>
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<td>Rural Focus for Transfusion Medicine Laboratories - To Test or Not to Test</td>
<td>The presentation will focus on small, isolated sites and their Transfusion Medicine Test Menus. The determining factors for decisions: - what tests must be done? - what tests may or may not be done? - what tests should be sent out?</td>
<td>Cathy Lee</td>
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<td>Calibration - Principles and Good Practices</td>
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<td>Malcolm Smith</td>
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1445-1515 Coffee Break

1515-1630 Microbiology Case Studies

Microangiopathic Hemolytic Anemia

This presentation will provide an overview of microangiopathic hemolytic anemias with particular emphasis on pathophysiology, clinical presentation, and laboratory work up.

Gerry James

Dr. James graduated from UBC medical school and completed his residency in General Pathology at UBC. For the past 14 years, he has worked as a general pathologist at Royal Inland Hospital in Kamloops. His area of clinical interest includes hematology, transfusion medicine and surgical pathology. Dr. James is currently the Clinical Department Head of Pathology for Interior Health West.
Forensic Autopsy - Somalia

Whilst in the military, I was summoned to Somalia to investigate a number of deaths which occurred at the hands of our Airborne Regiment. My adventure companions included the RCMP, and one of my Forensic Pathology Professors for an experience of a lifetime in war torn Somalia. We performed the first ever exhumation in equatorial Africa and performed the autopsy in the desert under an open tent and no running water or other facilities. The findings were surprising!

Murray Savard

I grew up when Edmonton was "the City of Champions". I attended the U of A for both my undergrad and MD. During a brief 20 yr stint in the Military, I became a Pathologist and eventually ended up as Chief of Labs for the Armed Forces. I also was Lab Director for Gamma Dynacare Labs of Eastern Ontario and on staff at the Ottawa General and Queenesway Carleton hospitals. I returned to the West spending 9 years in Red Deer, AB before becoming a pathologist at the KGH in Kelowna. I am a General pathologist and still participate in all aspects of lab Medicine.

Blood Products, Trends and Research

Nicola Slowley

Friday September 28

0800 - 0930 AGM Breakfast Buffet
0930 - 1000 AGM Meeting
1000 - 1030 Coffee Break & Exhibits
1030 - 1145 Past Practices, Present Controversies and Future Trends in Lab Quality Control

Kent Dooley

Rooted in the science of statistics and a history of more than half a century of practice in laboratory medicine, have our quality control practices kept up with the changes in science, technology and medicine? This presentation will look at whether our quality control practices are both too good and not good enough in the current context of how laboratory tests are used in medical practice and the enormous change in scale, automation and precision of laboratory operations that has occurred since quality control was first used in clinical laboratories.

Urine Microscopics and Red Cell Casts: A Physicians Perspective

Marie Michaud

Pathology Case Studies

Gilles Molgat

Microbiology and Infection Control in China

Eva Thomas

I visited 4 hospitals in China in the spring of 2011 as part of a mentorship program for Chinese Pediatricians. This presentation will give you a brief understanding of Chinese Health Care, challenges for parents to pediatric patients, challenges for Chinese pediatricians, challenges in microbiology, infection control, laboratory medicine and antibiotic treatment. There will also be a light hearted travel component.

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<td>1300 - 1415</td>
<td>Blood Gases Revisited</td>
<td>John Ancy</td>
<td>This presentation will offer a revisit to the clinical importance of blood gases: acid-base balance, buffering and compensatory mechanisms and oxygenation. It will also examine the potential of CO-Oximetry in assessing oxygenation and in detecting the presence of life threatening dyshemoglobins. The importance and inter-relationship of electrolytes with acid-base balance will also be reviewed. The emerging importance of glucose and lactate analysis for critical care applications will also be explored. Case studies will be used to illustrate the clinical utility of expanded menu in blood gases.</td>
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<td>Coffee Break</td>
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<td>1445 - 1600</td>
<td>Recognition and Prevention of Pre-analytic Error in Blood Gases</td>
<td>John Ancy</td>
<td>Approximately 75% of errors in blood gases resulted from pre-analytic factors. Modern blood gas analyzers are also capable of analysis of electrolytes, metabolites, CO-Oximetry. This presentation reveals factors that contribute to pre-analytic error. Case studies are used to illustrate the effect of pre-analytic error. Suggestions for recognizing and minimizing pre-analytic sources of error will be offered.</td>
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Sacrilege: Slaying the Holy Cows in Laboratory Hematology. Boldly Go Where No Hematology Technologists Have Gone Before.

Kin Cheng / Jim Yakimec

Kin Cheng obtained his A.R.T. in Hematology and has worked with and mentored many hematology colleagues in various laboratories and health authorities in BC, including the Fraser Health, Providence Health and currently at Vancouver Coastal Health. Although his job title has changed over the years, his passion has always been with the Professional Development of Medical Technologists. This is reflected in his previous involvement as the Director of Professional Development with the BCILS, examiner with the CSMLS, and speaker in many Provincial and National conferences. He is currently the Regional Technical Specialist in Hematopathology at Vancouver Coastal Health.

Fear and Loathing of Vaccines

Vaccination has become an increasingly controversial issue, with much misinformation being circulated. This presentation will discuss how vaccines work, the rationale behind the current vaccination schedule and the use of adjuvants, risk-benefit analysis of vaccines and the facts regarding some popular rumors.

Bruce McNeely

I am a pathologist at RH Kammers of 20 years standing. My main responsibilities are anatomical pathology and hematology. My previous experience includes 4 years of general practice, and coverage of clinical pathology in a large outpatient laboratory system. My degrees include BSc Chemistry from UVic, MD UBC, Canadian Royal College certification in Anatomic and General Pathology, and US certification in AP/CP.

Workshop Part 2: I Love My Job, it's the People I can't Stand! How to Deal with Difficult People

Join us in this funously interactive, practical and inspiring presentation that shows you how to develop healthy communication patterns with anyone. You can learn to handle the most difficult situations and the most challenging people by understanding more about personality styles and how to get through to others without giving in. Never again fall victim to those who love to make life miserable for the rest of us! Knowing how to deal with difficult people at work will allow you to approach your job with more enjoyment and your coworkers with greater confidence.

Jody Urquhart

As an inspirational guest speaker, Jody has been presenting her motivational speeches around the world for over 13 years. She is passionate about spreading the message of fun, and meaningful work. She addresses over 40 organizations and associations annually, and is one of Canada's top female motivational keynote speakers.

Saturday September 29

0830 - 0900  CSMLS 75TH Gala Dinner and Carnival

1800 - 2100  CSMLS 75TH Gala Dinner and Carnival

As an author, Jody wrote the book All Work & No SAY. Her mission in writing, tracking the cost of poor quality and errors in preanalytical processes – proven steps labs can use to boost patient outcomes.

1800 - 2100  CSMLS 75TH Gala Dinner and Carnival

You can learn to handle the most difficult situations and the most challenging people by understanding more about personality styles and how to navigate the workplace without giving in. Never again fall victim to those who love to make life miserable for the rest of us! Knowing how to deal with difficult people at work will allow you to approach your job with more enjoyment and your coworkers with greater confidence.

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0900 - 1015  Myeloproliferative Neoplasms and Myelodysplastic Syndromes - New Developments!

Michelle Wong

Tracking the Cost of Poor Quality and Errors in Preanalytical Processes – Proven steps Labs Can Use to Boost Patient Outcomes

Karen Scraba

Breast Cancer from a Pathologist’s Perspective: past, present and future

Definition of Breast Cancer and related terms. How breast cancer is diagnosed, with focus on the pathologic diagnosis. How the microscopic features are integrated with clinical features to arrive at an appropriate treatment plan. How diagnosis and treatment have changed since the start of my career compared to today, and what the future might hold.

Dave Stefanelli

General Pathologist at Royal Inland Hospital for 30 years. Born and raised in Trail BC. Undergraduate degree in Biology from UBC. MD from University of Calgary. Residency in Anatomic Pathology - McGill Program Montreal. Residency in Clinical Pathology - UBC Program Vancouver.

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### Medical School Impact Study - A business review of the financial and utilization impacts of the Medical School on Laboratory Services.

In September 2004 UBC expanded the number of medical seats in the province by launching the Northern Medical Program through the University of Northern BC. A business review was conducted to assess the utilization and financial impacts of the Northern Medical Program on Laboratory Services. Data from key laboratory financial and utilization indicators was examined four years post training of medical students in northern BC.

**Ken Winnig**

For the past seven years Ken has served as the Regional Director of Diagnostic Services for the Northern Health Authority. Prior to this Ken was the Regional Technologist for the Northern Interior and the Charge Technologist in Chemistry at PRGH. Ken holds an MBA, and a degree in Medical Laboratory Science from the University of Alberta, but is most proud of his diploma in Med Lab Technology obtained from Cariboo College (now TRU) in Kamloops.

### Coags Uncomplicated - A Guide to abnormal PT/InP TT

A software tool designed by hematologists from US, which can be used by all doctors in order to facilitate the diagnosis and management of hemostasis disorders. The program is an application that can be downloaded from iTunes or Android on PCs, smartphones and tablets.

**Sue Finley**

MD, received medical education at universities in Bucharest, Paris and Montreal; in 2010 joined Novo Nordisk Canada as Biopharmaceuticals Medical Science Liaison Manager - Western Canada.

### Simulation in Medical Laboratory Education: The Right Path Forward?

This presentation is an attempt to demonstrate our preliminary efforts to exploit an unconventional and unexplored environment for new microorganisms that will provide an untapped source of drugs – microorganisms from caves. Our investigations at TRU have shown that in British Columbia, ancient caves house a diverse array of microbial communities with the potential to provide new classes of drugs.

**Naowarat Cheeptham**

Originally from Thailand, Dr. Cheeptham did her M.Sc. and Ph.D. in Applied Microbiology at Hokkaido University, Sapporo, Japan with a full Japanese Ministry of Education (MEXT-Monbusho) Scholarship. After obtaining her Ph.D. in 1999, she went back to work as a tenured lecturer at Faculty of Science, Chiang Mai University, Thailand for 2 years and moved to Canada. She has worked as an Assistant Professor of Microbiology at Department of Biological Sciences, Faculty of Science, Thompson Rivers University since 2002.

### Applied Human Factors in Lab Science - Medical Device Usability

Medical lab science professionals have an important role in the selection of medical devices for use in all healthcare settings, used by various (other) providers. This seminar introduces human factors from a multidisciplinary (physical, engineering and humanities) scientific perspective and provides two recent examples of applied (cognitive) human factors in the selection of two important medical devices:
- A benchtop hematology analyzer for rural settings
- A common blood glucose analyzer for BC-wide application

**Wrae Hill**

Wrae trained as a Kinesiologist and then as a Registered Respiratory Therapist working and leading in Intensive Care Units in Vancouver, Riyadh, Toronto and Edmonton from 1988-2005. Wrae became a patient safety professional in 2005 and a Canadian Patient Safety Officer in 2007. In 2010 Wrae completed a MbA in Human Factors and Systems Safety at the University of Lund in Sweden. Wrae has overall responsibility for Patient and Systems Safety in Interior Health and is faculty at UBC - Okanagan, BC Quality Academy and the Canadian Patient Safety Institute.
Laboratory Accreditation in BC—New Standards, New Processes, New Data

Colin Semple

Colin Semple is celebrating his 35th year of experience in clinical laboratories ranging from general duty work in small community hospitals to managing laboratory operations at a large multi-stylistic care centre. In addition to teaching Clinical Microbiology at the Michener Institute, Colin has worked in all areas of pathology as a Registered Technologist, and has attained his ART in Clinical Microbiology. Colin has worked with many of the leading pathologists and technologists in the province and has been active in the Provincial Laboratory Coordinating Office (PLCO).

The Role of POCT in Supporting Cardiac Surgery - A Perfusion Perspective

Savy Spada

Involved in BC healthcare for the past 12 years, having worked and trained as a Respiratory Therapist and Anesthesia Technician, prior to becoming a Cardiovascular Perfusionist, working at Vancouver General and St. Paul's Hospitals in Vancouver.

Climate Change and Emerging Infectious Diseases

Ken Wagner

TBA

1130-1444

Water Break

1445-1600

"Getting Connected To Generation Right Now"

Cale Birk - Closing Speaker

Cale Birk is currently the Principal of South Kamloops Secondary School in Kamloops, British Columbia, Canada. SKSS is a Grade 8-12 Dual Track French Immersion School of 1400 students. As SKSS Professional Learning Community model and 21st Century Learning, Cale is committed to creating a dynamic environment for teachers and students to collaborate, communicate, and together learn the skills needed to be successful in a workforce that is constantly changing. A graduate of the University of Victoria (BEd Biological Science/Physical Education) and San Diego State University (MEd Education Leadership), Cale has system of Regional and Provincial Education Leadership, and contributes to educational blogs including Connected Principals and his own personal blog The Learning Nation. With a young family and a passion for coaching and sport, Cale enjoys finding the balance in the busy life of a school-based administrator. You can follow Cale on Twitter at @birklearns.

Sunday September 30

0930 - 1300

Wet Workshop - in Microbiology Lab at TRU

Ova and Parasite workshop — This workshop is a “wet workshop” where attendees will use clinical material. It is aimed at novice Ova & Parasite readers to hone their skills in the identification of frequently seen pathogenic and non-pathogenic parasites. The workshop will focus on flagellates and amoeba with additional parasites covered as time permits. Register separately than Congress. $89 per person, 10 people max

 CSI: Pub Night