

Conference Welcome

Dear Colleagues and Friends

We are delighted to welcome everyone to Heart + Lung Health FEST 2011. The FEST this year brings together two mainstay heart and lung learning initiatives which in prior years ran separately in the month of March. The forerunning FEST's and Lung Health Days were built on dialogue, expansion of viewpoints and ideas, and good cheer. FEST 2011 sustains these goals, and calls for the greatest engagement and shared learning by professionals from all relevant heart and lung domains.

We are very fortunate to have the support of our major host organizations, Providence Health Care, Vancouver Coastal Health, University of British Columbia, other important healthcare and industrial organizations, and our stalwart public partners, the BC Lung Association and the Heart and Stroke Foundation of British Columbia & Yukon. We are especially fortunate to have been afforded the designation of being among the provincial government's Year of Science events. That designation underscores the intent of FEST to serve the educational needs of many British Columbians, be they directly engaged in science and discovery, working at the frontlines of healthcare, generating products for better science and health care, or recipients of the fruits of science brought to patients or those at risk of heart and lung disease. Being an integral component of the week each year that UBC celebrates research and innovation is a special privilege for the FEST team.

This year we have the privilege of hosting many guests from national and international institutions. Each segment of the program is complementary to the others, and thus with the wealth and range of expertise and experience that all speakers, chairs and discussants bring, we will have a very rich dialogue. From Best Practices in Personalized Medicine, to Air Quality science and application, the Forum on the Value Proposition of Science for Healthier Societies, and the Heart + Lung Science Symposia, the menu is tantalizing and magnetic. We have embedded the Distinguished Speaker in Cardiovascular Medicine, the David Bates Lecture, the Alan Bernstein Distinguished Lecture, the inaugural British Columbia Lecture, and the Graeme Copland Memorial Lecture as highlights to punctuate the FEST. Poster sessions will include those for moderation and also consideration of all for recognition through awards. The Saturday program for Continuing Medical Education in the Respiratory Sciences takes advantage of local and international experts in clinical medicine. Finally, the Public Forum on Heart and Lung Health will explore a range of contemporary topics of great interest and importance to the people of our province.

Working to put this year's FEST program together has been a lot of fun, thanks to the talent and commitment of many individuals and organizations. There has also been essential involvement by many pertinent centres, departments, divisions and units wherein research, innovation, translation and mentoring are daily passions. We thank you all so much! To our colleagues in Vancouver, throughout British Columbia, across Canada and internationally, we extend our warmest welcome to FEST 2011.

Best regards,



Bruce McManus
Co-Director
Institute for Heart + Lung Health



Mark FitzGerald
Co-Director
Institute for Heart + Lung Health

engage
in diverse
educational
events
featuring
heart + lung
health!



Institute for
HEART+LUNG Health
Strong beats. Clear breaths. Full lives.



YEAR OF SCIENCE

Where we are, where we must go together

Tuesday Agenda

10:00–10:45: Opening Plenary

Reaching the goal of personalized medicine: what hills are left to climb?

Keynote: Leroy Hood, President, Institute for Systems Biology (USA)

TOPICS INCLUDE:

- > Review of the current state in personalized medicine
- > Successes — success with regulatory bodies, applied biomarkers, systems approaches, business models
- > Challenges — technology and practices, business models, issues with reproducibility, false positives, timing
- > Major goals and outlook — practices, stakeholders, business model(s), data and value flows, payers, benefits, etc.

10:45–12:10: Creating Knowledge, Applying Knowledge

Trends in personalized medicine

Session Chair: Scott Jenkins, Vice President, Healthcare and Life Sciences, Dell Inc. (USA)

- > Data resources and data generation hurdles
Jack Collins, Director, Advanced Biomedical Computer Center, NCI/SAIC (USA)
- > Tiered computational strategies
Raymond Ng, Professor, Computer Science, University of British Columbia; Chief Informatics Officer, PROOF Centre of Excellence (CAN)
- > Knowledge building environments
Robert Stanley, President and CEO, IO Informatics (USA)

12:55–2:05: Tools for Personalized Medicine

Personalization – are we there yet?

Session Chair: Bruce McManus, Professor, Department of Pathology and Laboratory Medicine, University of British Columbia; Director, PROOF Centre of Excellence (CAN)

- > Large scale data integration for systems – level understanding of complex diseases
Sergio Baranzini, Associate Professor, Department of Neurology, University of California, San Francisco (USA)
- > The need for critical appraisal of surrogates
Garret FitzGerald, Chair, Department of Pharmacology; Director, Institute for Translational Medicine and Therapeutics, University of Pennsylvania School of Medicine (USA)
- > Can tools for personalized medicine meet the promise? How soon?
Timothy Triche, Pathologist-in-Chief, Children's Hospital (USA)
- > The Landscape of Personalized Medicine in Canada
Katherine Bonter, Director, Advocacy and Promotion, Cepmed

Tuesday +
Wednesday
March 8 + 9
All Day

Best Practices for Personalized Medicine (B2PM) Agenda (cont.)

2:05 – 3:15: HealthCare Systems

Can complex health systems adapt for higher quality in the face of fiscal constraint?

Session Chair: Heather Manson, Director, Health Promotion, The Ontario Agency for Health Protection and Promotion (CAN)

- > The business case for personalized medicines
Christopher-Paul Milne, Associate Director, Tufts Center for the Study of Drug Development (USA)
- > Marker-based diagnostics! Are they good value for money?
Carlo Marra, Associate Professor and Director, Collaboration for Outcomes Research and Evaluation, Faculty of Pharmaceutical Sciences, University of British Columbia (CAN)
- > Health systems adoption of personalized medicine: promise and obstacles
Scott Ramsey, Member, Cancer Prevention Faculty, Fred Hutchinson Cancer Research Center (USA)

3:35 – 5:00: Expert Forum and Discussion I

What we heard, what we didn't, what we need to learn

Moderators: Bruce McManus, PROOF Centre of Excellence, and Bob Stanley, IO Informatics

PANEL MEMBERS:

- > Scott Jenkins, Dell Healthcare and Life Sciences
- > Sergio Baranzini, UCSF
- > Heather Manson, The Ontario Agency for Health Protection and Promotion

5:00 – 6:30: Reception

Wednesday Agenda

8:30 – 9:40: Patient Characterization and Cohorts

Essential considerations in patient and cohort characterization

Session Chair: Rob Beanlands, Director, Molecular Functioning and Imaging, University of Ottawa Heart Institute (CAN)

- > Essential ingredients for phenotyping: your doctors and their biospecimens
Peter Watson, Professor, Pathology and Laboratory Medicine, UBC/BC Cancer Agency's Vancouver Island Centre (CAN)
- > 'Workable' ethics for translational research
Bartha Knoppers, Director, Centre of Genomics and Policy, McGill University (CAN)
- > Engagement of patient cohorts for better medicines, faster
Ramesh K. Ramanathan, Medical Director, Tgen Clinical Research Services (USA)

9:40 – 10:50: Regulatory Matters

Regulatory challenges and opportunities in the era of molecular solutions for health care

Session Chair: TBA

- > Realizing personalized medicine: regulatory considerations
Elaine Tseng, Partner, FDA and Life Sciences Practice Group, King and Spalding (USA)
- > Path to bring new tools, tests, and therapeutics to bear on human health
Speaker: TBA
- > Making it personal – challenges and strategies for patenting genetic technologies
Andrew Serafini, Partner, Intellectual Property Group, Fenwick and West (USA)

11:05 – 12:15: Data Access and Sharing

Web based collaboration and data management in basic and translational research

Session Chair: Sean Mooney, Director, Bioinformatics, Buck Institute for Age Research (USA)

- > Managing large semantic knowledge bases
Xavier Lopez, Director, Spatial and Semantic Technologies, Oracle Corp. (USA)
- > How data sharing leads to knowledge
Scott Marshall, Assistant Professor, Medical Statistics and Bioinformatics, Leiden University Medical Center (NL)
- > Technologies, methods and challenges to effective public data sharing and aggregation
Mark Wilkinson, Assistant Professor, Department of Medical Genetics, University of British Columbia; Principal Investigator, UBC James Hogg Research Centre, St. Paul's Hospital (CAN)

1:00 – 2:25: EHR / EMR

The future of personalized medicine today – leveraging new forms of patient information

Session Chair: Kareem Saad, National Sales Director, Healthcare and Life Sciences, Dell Inc.

- > Accessing the golden therapeutic window via standards based personalized medicine
Radu Leca, President, Biosign Technologies Inc.
- > Crowdsourcing better medical decisions – can it be that simple
Chris Yoo, President and CEO, MedTrust Online (USA)
- > Traditional versus future approaches to clinical medicine: how can we use personalized information for clinical medicine?
Azita Sharif, Founder and CEO, Daedalus Software (USA)

2:25 – 3:35: Delivering Personalized Care

Building consortia for enhanced predictive, diagnostic and therapeutic care

Session Chair: David Wholley, Director, The Biomarkers Consortium at the Foundation for the NIH (USA)

- > The ultimate deliverable: translation of personalized medicine to the clinic and patient
Daniel Bednarik, Director, Genomics and Bioinformatics, Cardiome Pharma
- > Strategies and barriers to the delivery of personalized molecular diagnostics to the point of care
Brad Popovich, Chief Scientific Officer, Genome British Columbia (CAN)
- > ASK for confident decisions: harnessing the power of semantics
Erich Gombocz, Vice-President and Chief Scientific Officer, IO Informatics (USA)

3:50 – 5:20: Expert Forum and Discussion II

What we heard, what we didn't, what we need to learn

Moderators: Bruce McManus, PROOF Centre of Excellence, and Bob Stanley, IO Informatics

PANEL MEMBERS:

- > Rob Beanlands, University of Ottawa Heart Institute
- > John Ferguson, Novartis Vaccines & Diagnostics
- > Kareem Saad, Healthcare and Life Sciences, Dell, Inc
- > Sean Mooney, Bioinformatics Buck Institute for Age Research
- > David Wholley, the Biomarkers Consortium at the Foundation for the NIH

The 8th Annual

Air Quality and Health: Workshop

Agenda:

- 8:30 – 9:00 Registration
- 9:00 – 9:10 Welcome / Introduction
Dr. Tom Kosatsky (BCCDC)
- 9:10 – 9:40 Health impacts of local air quality (local sources & pollutants)
Speaker: Dr. Mike Brauer (SOEH-UBC)
- 9:40 – 10:10 Air quality management in BC
Speaker: Glen Okrainetz (MHLS)
- 10:10 – 10:35 BC's monitoring network
Speaker: Natalie Suzuki (MHLS)
- 10:35 – 10:50 BREAK
- 10:50 – 11:25 Emissions inventories
Speaker: Warren McCormick (MHLS)
- 11:25 – 12:00 Dispersion modeling — case example: Prince George
Speaker: Peter Jackson (UNBC)
- 12:00 – 12:35 Source apportionment — case example: Golden
Speaker: Mark Graham (MHLS)
- 12:35 – 1:35 LUNCH
- 1:35 – 2:10 Mobile monitoring — case example: Vancouver Island
Speaker: Eleanor Sutton (CAREX - UBC)
- 2:10 – 2:45 Land use regression — case example: Vancouver
Speaker: Sarah Henderson (BCCDC)
- 2:45 – 3:20 Health impact assessment — case example: James Bay
Speaker: Christine Bender (VIHA)
- 3:20 – 4:10 Panel Discussion
TBA
- 4:10 – 4:15 Closing Remarks / Evaluations

Workshop
Wednesday
March 9
9:00am – 5:00pm

The 8th Annual

Air Quality and Health: Symposium

Agenda:

Symposium
Thursday
March 10
8:00am – 4:30pm

8:00–8:15: Welcome / Introduction

Dr. Michael Brauer, University of British Columbia and Curtis Noonan, University of Montana — Scientific co-chairs
Judy Qualters, PhD Acting Division Director, Environmental Hazards and Health Effects National Center for Environmental Health, Centers for Disease Control and Prevention

8:15–9:00: SESSION 1A – Biomass Combustion Technology

Chairs: Amanda Wheeler, Health Canada; Curtis Noonan, University of Montana

Heating

8:15 – 8:35 Residential and Wood Boiler Technologies and Emissions Relative to Traditional Heating Fuels
Speaker: Ellen Burkhard, NYSERDA

Electrical Power Generation

8:35 – 8:55 Projected industrial biomass combustion emissions and controls
Speaker: Paul Beauchemin, Envirochem

9:00–11:00: SESSION 1B – Biomass Smoke Characterization, Monitoring and Exposure Assessment

9:00 – 9:40 Residential combustion for heating: Emissions characteristic and air quality impacts
Speaker: Christoffer Boman, Umea University

9:40 – 10:10 Landscape fire smoke: Particulate emissions and human exposure
Speaker: Sarah Henderson, BCCDC

PANEL DISCUSSION

Panellists: Ellen Burkhard, Paul Beauchemin, Christoffer Boman, Sarah Henderson, Gerd Sallsten (University of Goteborg), Tony Ward (University of Montana)

10:45 – 11:00 COFFEE BREAK

11:00–1:30: SESSION 2A – Health Impacts

Chairs: Ryan Allen, Simon Fraser University; Fuyuen Yip, Centers for Disease Control and Prevention

Epidemiology

11:00 – 11:30 Woodsmoke and Children's Health: Findings from the Border Air Quality Study
Speaker: Michael Brauer, University of British Columbia and Curtis Noonan, University of Montana –Scientific co-chair

11:30 – 11:50 The Australian Landscape Fire Smoke Project
Speaker: Fay Johnston, University of Tasmania

11:50 – 12:10 Biomass smoke exposures and systemic inflammation
Speaker: Dr. Stephan van Eeden, UBC

12:15 – 1:30 LUNCH BREAK AND PRESENTATION

The 8th Annual Air Quality and Health Symposium (cont.)

Presentation of Dr. Robert Canton and Dr. David Bates and BC CLEAR Scholarships

1:30–3:05: SESSION 2B – Controlled Exposures / Toxicology

- 1:30 – 1:50 Experimental exposure to wood-smoke particles in healthy atopic humans (HIPWOODS Study)
Speaker: Torben Sigsgaard, Arhus University
- 1:50 – 2:10 Toxicity of woodsmoke particles generated under different combustion conditions
Speaker: Anette Kocbach Bølling, Norwegian Institute of Public Health
- 2:10 – 2:45 PANEL DISCUSSION
Panellists: Michael Brauer, Fay Johnston, Stephan van Eeden, Torben Sigsgaard, Anette Kocbach Bølling, James Lu (Vancouver Coastal Health)
- 2:45 – 3:05 COFFEE BREAK

3:05 – 5:00: SESSION 3 – Management and Reduction of Health Impact

Chairs: Roger Quan, Metro Vancouver; Glen Okrainetz, BC Ministry of Environment

- 3:10 – 3:30 Reducing community and household exposures to residential wood combustion
Speaker: Dr. Curtis Noonan, University of Montana
- 3:30 – 3:50 Air filter and stove exchange impacts on indoor air quality and health
Speaker: Ryan Allen, Simon Fraser University
- 3:50 – 4:10 Biomass, climate and health: A B.C. perspective.
Speaker: Markus Kellerhals, BC Ministry of Environment

4:10–4:45: PANEL DISCUSSION ON SOLUTION AND INTEGRATED POLICY ISSUES INCLUDING AIR QUALITY, CLIMATE, HEALTH AND RESOURCE MANAGEMENT

- 4:45 – 5:00 Closing Remarks / Evaluations

David Bates Lecture (5:30 – 6:30)

Lessons from Occupational Medicine

Featuring Professor Emeritus Margaret Becklake MD

McGill University, Canada

Heart and Lung Forum

Value Proposition of Science for Healthier Societies

Agenda

Thursday
March 10
1:30 – 5:30pm

Graeme Copland Memorial Lecture (8:00 – 9:00)

Biomarkers in Acute Cardiac Care

Dr. Alan S. Maisel

Professor of Medicine; Director, Coronary Care Unit and Heart Failure Program, Veterans Affairs
Sand Diego Healthcare System, University of California, San Diego

9:30 - 11:00: Poster viewing and judging

1:30 – 5:30: FEST FORUM (3:00 – 3:15: Health Break) Value Proposition of Science for Healthier Societies

Chairs: John Challis, Mark FitzGerald, Bruce McManus

Theme: State of Quandry

- > Science & Society: The social contract for improvements in health care
John Challis, President and CEO, Michael Smith Foundation for Health Research
- > Will COPD break the world's bank?
Don Sin, Canada Research Chair in COPD; Head, Respiratory Division, St. Paul's Hospital (CAN)
- > Can the global society cope with an epidemic of obese, diabetic, elderly men and women?
Elizabeth Barrett-Connor, Professor and Division Chief of Epidemiology in the Department of Family and Preventive Medicine, University of California, San Diego School of Medicine (USA)
- > Is public health policy enabled by science?
Sylvie Stachenko, Dean of Public Health, University of Alberta (CAN)

Theme: Are There Solutions?

- > How are the molecular sciences improving health in the global villages?
Bob Hancock, Professor, Microbiology and Immunology, University of British Columbia (CAN)
- > Where do entrepreneurship and social good meet?
Simon Pimstone, Director, President and CEO, Xenon Pharmaceuticals Inc. (CAN)
- > Is Canada's heart health strategy critical for sustainable health care?
Eldon Smith, Emeritus Professor of Medicine, Libin Cardiovascular Institute, University of Calgary; Chair, Canadian Heart Health Strategy and Action Plan (CAN)
- > How can we reach beyond incremental impact on the massive Canada burden of lung disease?
Heather Borquez, President and CEO, The Canadian Lung Association (CAN)
- > How can we achieve a cost-effective yet state-of-the-art health care system?
Stirling Bryan, Professor of Medicine, University of British Columbia; Head, Centre for Clinical Epidemiology and Evaluation, Vancouver Coastal Health Research Institute (CAN)

David Bates Lecture (5:30 – 6:30)

Lessons from occupational medicine

Featuring Professor Emeritus Margaret Becklake MD

McGill University, Canada

Heart and Lung Symposia

Scientific Symposia

Agenda

Friday March 11

8:00am – 7:30pm

8:00 – 8:30: OPENING WELCOME

8:30 – 10:00: PLENARY I

Chairs: James Hogg, Victor Huckell, Darryl Knight

- 8:30 am ALAN BERNSTEIN DISTINGUISHED LECTURE
Translating airway genomics into personalized approaches to the diagnosis and treatment of lung disease
Avi Spira, Associate Professor, Pathology and Laboratory Medicine, Boston University
- 9:15 am INAUGURAL BRITISH COLUMBIA LECTURE
Blood, Hearts + Lungs: Never have they meant so much to each other
Dana Devine, Vice President, Medical, Scientific and Research Affairs, Canadian Blood Services; Professor, Pathology and Laboratory Medicine and Centre for Blood Research, UBC

10:00 – 10:15: Health Break

10:15 – 11:50: PLENARY II – Genes & Environment

Chairs: Peter Paré, Michael Kobor, Keith Walley

- > Are genes important in the excess cardio-metabolic risk in South Asian peoples?
John Chambers, Reader in Cardiovascular Epidemiology and Biostatistics, Imperial College (UK)
- > How do genes and environments interact in the expression of childhood asthma?
Denise Daley, Assistant Professor of Medicine, University of British Columbia; Canada Research Chair Tier II, Genetic Epidemiology of Complex Diseases; Principal Investigator, UBC James Hogg Research Centre, St. Paul's Hospital (CAN)
- > What recent progress has been made in explaining genetic and environmental underpinnings of dyslipidemia, obesity, type II diabetes and cardiovascular disease?
Marju Orho-Melander, Professor, Genetic Epidemiology, Lund University (SWE)

11:50 – 1:45: LUNCH, MODERATED and FEATURED POSTERS

HEART + LUNG PARALLEL SESSIONS

2:00 – 3:00: New Horizons of Prediction, Diagnosis and Treatment Disease

HEARTS – *Chairs: Chris Ahern, David Granville*

- > Predicting Risks for Sudden Cardiac Death — The Power of Basic Science and Communities
Laura Arbour, Associate Professor, Medical Genetics, University of British Columbia
- > Can we distill value for clinical management from the human proteome?
Gabriela Cohen-Freue, Research Associate, Department of Statistics, University of British Columbia; Post Doctoral Fellow, PROOF Centre of Excellence, UBC James Hogg Research Centre
- > How might studies of gene expression in embryos help us understand heart and lung disease?
Pamela Hoodless, Senior Scientist, Terry Fox Laboratory, BC Cancer Agency

Heart and Lung Symposia (cont.)

LUNGS – Chairs: Stephan van Eeden, Mark Chilvers, Pearce Wilcox

- > The benefits of long term cohort studies in disease prediction: CHILD
Andrew Sandford, Assistant Professor, Department of Medicine, University of British Columbia; Canada Research Chair in Genetic Susceptibility to Inflammatory Airway Diseases, UBC James Hogg Research Centre, St. Paul's Hospital
- > Use of markers of airway inflammation for disease management
Mark FitzGerald, Professor and Head, Respiratory Medicine, University of British Columbia; Vancouver General Hospital; Co-Director, Institute for Heart + Lung Health
- > Modulating systemic inflammation in lung disease: are “statins” the answer?
Don Sin, Canada Research Chair in COPD; Head, Respiratory Division, St. Paul's Hospital

3:00 – 3:15: Health Break

3:15 – 4:15: Novel and Emerging Models of Prevention & Care

HEARTS – Chairs: Gerry Simkus, John Mancini

- > What are the “Letterman’s” top lessons from outcomes research in British Columbia?
Karin Humphries, Associate Professor, Division of Cardiology, University of British Columbia
- > What is the great opportunity in British Columbia for managing chronic disease?
Adeera Levin, Clinical Professor, Nephrology, University of British Columbia
- > Is remote monitoring of patients’ basic status improving and reducing the cost of care?
Scott Lear, Pfizer/Heart and Stroke Foundation Chair in Cardiovascular Disease Prevention Research at St. Paul's Hospital

LUNGS – Chairs: John Fleetham, John Yee , Tillie Hackett

- > Do well rested doctors make for healthier patients?
Najib Ayas, Assistant Professor; Head, Critical Care Medicine, University of British Columbia
- > Environmental control: are there limits to what we should aim for?
Chris Carlsten, Assistant Professor, Division of Respiratory Medicine, University of British Columbia; Chair in Occupational and Environmental Lung Disease, University of British Columbia
- > Health literacy and ethnicity in chronic disease management
Mark FitzGerald, Professor and Head, Respiratory Medicine, University of British Columbia; Vancouver General Hospital; Co-Director, Institute for Heart + Lung Health

Heart and Lung Symposia (cont.)

4:15 – 5:15: High-Technology in the Laboratory and the Clinic

HEARTS – Chairs: Sam Lichtenstein, Doug Janzen, Andrew Campbell

- > Where is the field of percutaneous valve implantation heading next?
John Webb, Clinical Professor, Division of Cardiology, St. Paul's Hospital; McLeod Family Professor in Valvular Heart Disease Intervention, Providence Health Care
- > How do pretty pictures enable biologists to understand heart and lung ailments?
Thomas Abraham, Imaging Specialist, UBC James Hogg Research Centre, St. Paul's Hospital
- > What's the evidence that high resolution imaging is cost-effective?
Jonathon Leipsic, Vice Chair Academics, Department of Radiology, University of British Columbia; Head, Department of Radiology and Division of Nuclear Medicine, Providence Health Care

LUNGS – Chairs: John Mayo, Jeremy Road, Annette McWilliams

- > Optical tomography of the airways: potential role in monitoring lung disease
Stephen Lam, Professor, Respiratory Medicine, University of British Columbia; Chair, Provincial Lung Tumour Group, BC Cancer Agency
- > Role of genomics and epi-genetics in drug development for airways disease
Peter Barnes, Professor, Thoracic Medicine, Imperial College (UK)
- > Use of genomics to predict response to chemotherapy in lung cancer
Wan Lam, Associate Professor, Pathology and Laboratory Medicine, University of British Columbia

Graeme Copland Memorial Lecture (5:15 – 6:15)

Asthma: a simple but complex disease

Stephen Holgate

Professor, Respiratory Cell and Molecular Biology, Southampton University Hospital (UK)

6:15 – 7:30: POSTER AWARDS & RECOGNITIONS, & RECEPTION

CPD / CME

13th Annual UBC Respiratory Update

CPD / CME Programme

- 08:00–08:10 Welcome
- 08:10–08:40 Supersizing: Obesity and Lung Disease
Dr. Mark FitzGerald
- 08:40–09:10 Driving and OSA: An Accident Waiting to Happen
Dr. John Fleetham
- 09:10–09:40 Lung Cancer: New Developments in Diagnosis and Therapy
Dr. Stephen Lam
- 09:40–10:30 KEYNOTE: COPD Therapy: Controversies and What's in the Pipeline
Dr. Peter Barnes
- 10:30–10:45 BREAK

Cased Based Workshops Session I

- 10:45–11:15 A) Pneumonia That Won't Get Better, Dr. Frank Ryan
B) The Wheezy Child : Diagnosis and Therapies, Dr. Mark Chilvers
C) Interventions for Advanced Lung Disease, Dr. Annette McWilliams
- 11:15–12:00 All Workshop Repeat
- 12:00–13:00 LUNCH

BC Respiriologists Meeting

- 13:00–13:30 Lung Attacks: Why They Matter
Dr. Stephan Van Eeden
- 13:30–14:00 Pleural Effusions: A Contemporary Approach
Dr. Tawimus Shaipinich
- 14:00–14:50 KEYNOTE: Refractory Asthma: Phenotypes and Treatment Strategies
Dr. Stephen Holgate
- 14:50–15:10 BREAK

Cased Based Workshops Session II

- 15:10–15:40 D) Treating Tobacco Dependence, Dr. Milan Khara
E) Cardiopulmonary Exercise Testing, Dr Pearce Wilcox
F) Pulmonary Vascular Disease, Dr. John Swiston
- 15:45–16:15 Lung Transplantation: Where are we in 2011?
Dr. Robert Levy
- 16:15–16:45 PRO/CON DEBATE:
PET Scanning Is a Fundamental Part of Lung Cancer Evaluation
Drs. Don Sin and Jonathon Leipsic
- 16:45–17:00 Course Wrap Up

**Saturday
March 12**

8:00am – 5:00pm

Public Forum

Heart + Lung Health Public Forum

Agenda

09:00 – 09:45: Registration

Saturday March 12

9:00am – 3:30pm

MORNING SESSION:

Dr. Art Hister Family Physician, Broadcaster and Media Doctor

09:45: Welcome

Scott McDonald, BC Lung Association

Dr. Bruce McManus, Professor, Department of Pathology and Laboratory Medicine, University of British Columbia; Director, PROOF Centre of Excellence

10:00 – 12:00:

- > Women and Heart Disease – The Heart Truth
Dr. Karin Humphries, Associate Professor, Medicine, UBC, Providence Health Care Research Institute
- > Nutrition and Healthy Eating
Melodie Yong, Registered Dietitian, Heart Centre, St. Paul's Hospital, Providence Health Care
- > Heart Failure – What is it and does it affect me?
Annemarie Kaan, Clinical Nurse Specialist – Heart Failure and Heart Transplantation Heart Centre, St. Paul's Hospital
- > Magic Markers of Heart Failure and COPD
Janet Wilson-McManus, Chief Operating Officer, PROOF Centre of Excellence
- > Panel Discussion (30 minutes)
- > Question & Answer Period (30 minutes)

12:00 – 12:55: BREAK

AFTERNOON SESSION:

Dr. Art Hister Family Physician, Broadcaster and Media Doctor

12:55: Welcome

Dr. Mark FitzGerald, Professor and Head, Respiratory Medicine, University of British Columbia; Vancouver General Hospital; Co-Director, Institute for Heart + Lung Health

1:00 – 3:30:

- > What's New with Sleep Apnea?
Dr. John Fleetham, Professor, Division of Respiratory Medicine, Faculty of Medicine, University of British Columbia
- > The Importance of Pulmonary Rehabilitation and Spirometry
Mark Finnis, VIHA Community Respiratory
Rosemarie Rae, The Lung Centre
- > COPD and Alpha-1 Anti-trypsin
Dr. Jeremy Road, Professor of Medicine, UBC and VGH PFT Laboratories
- > Panel Discussion
- > Question & Answer Period
- > Summary and Closing Remarks