



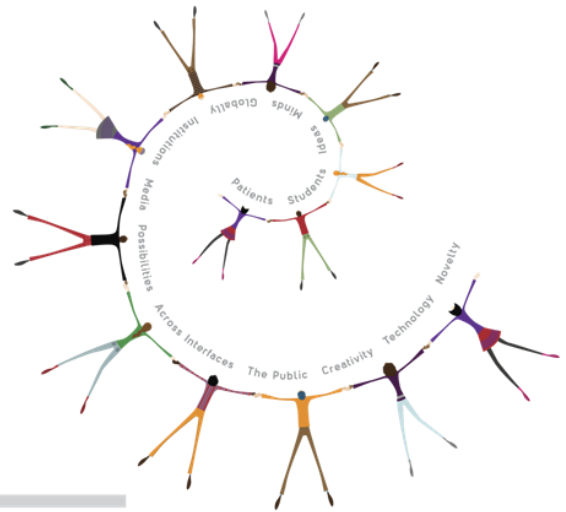
Institute for
HEART+LUNG Health
Strong beats. Clear breaths. Full lives.

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Heart + Lung Health
FEST 2012

March 6–10

Scientific Symposium March 8 – 9



Day #1: Thursday, March 8

7:30 a.m. Light breakfast

7:50 – 8:20: Welcome to FEST 2012

Welcomes from government, UBC and health authority representatives

8:20 – 9:00: Alan Bernstein Distinguished Lecture

Chair: Gordon Francis

“The Power of Knowledge to Influence Policy: Lessons from the Institute of Medicine”

Harvey Fineberg PhD, MD

President, Institute of Medicine of the National Academies

Professor of Health Policy and Management, Emeritus

Department of Health Policy and Management

9:00 – 9:10: Discussion

Location

Pinnacle Ballroom
Vancouver Marriott Pinnacle Hotel
1128 West Hastings Street
Vancouver BC

Session Theme: Epigenetics in Heart + Lung Health

Chairs: David Granville, Darryl Knight

9:10 – 9:25: “Epigenetics as a Factor in Nutritional Health”

Angela Devlin PhD

Assistant Professor, Division of Endocrinology, Pediatrics, Faculty of Medicine

Child and Family Research Institute

9:25 – 9:40: “Epigenetics in Cancer”

Wan Lam PhD

Professor, Pathology and Laboratory Medicine, Faculty of Medicine

BCCA, BC Cancer Research Centre

9:40 – 9:55: Discussion

9:55 – 10:10: Coffee Break

Session Theme: Imaging of the Heart, Lungs and Vasculature

Chairs: John Mayo, Marla Kiess

10:10 – 10:25: “Optical Tomography in Airway Evaluation”

Annette McWilliams MD

Clinical Assistant Professor
Respiratory, Faculty of Medicine UBC

10:25 – 10:40: “Horizons on CT Imagery of Heart and Lung”

Jonathon Leipsic MD, FRCPC

Vice Chair Academics, Department of Radiology, UBC
Head, Division of Nuclear Medicine, Department of Radiology, Providence Health Care

10:40 – 10:55: “Quantitative Assessment of Vascular Disease as a Tool to Stratify Risk and Treatment Targets”

John Mancini MD, FRCPC, FACC

Professor, Program Director of Continuing Medical Education, Cardiology UBC

10:55 – 11:10: Panel Questions

11:10 – 12:50: **Poster Session and Lunch: Lunch IN the poster area; poster judging**

Session Theme: Air Pollution – Individual and Community Interventions

Chairs: Stephan van Eeden, Mieke Koehoorn

12:50 – 1:20: **Highlighted Lecture**

“The Science of Stopping Smoking”

Iris Torchalla PhD

Centre for Health Evaluation and Outcome Sciences (CHÉOS), St. Paul’s Hospital

1:20 – 1:25: Discussion

1:25 – 1:50: **David Bates Lecture**

Introduction: Mark FitzGerald

“Air pollution: how can it be that bad for us?”

Sverre Vedal MSci, MD

Professor, Environment and Occupational Health Sciences
Adjunct Professor, Medicine, University of Washington

1:50 – 2:00: Discussion

2:00 – 2:15: “Air Filtration to Reduce Cardiovascular Risks from Particulate Air Pollution”

Ryan Allen PhD

Assistant Professor, Faculty of Health Sciences, SFU

2:15 – 2:30: “Genetics as a Window into Populations “Particle-ularly” Vulnerable to Air Pollution”

Christopher Carlsten MD, MPH

Assistant Professor Division of Respiratory Medicine UBC
Chair in Occupational and Environmental Lung Disease

2:30 – 2:45: “Air Pollution Exposure Avoidance”

Michael Brauer PhD

Professor, School of Population and Public Health, Faculty of Medicine UBC

2:45 – 3:00: Discussion

3:00 – 3:15: Break

Debates

Chair: John Boyd

3:15 – 3:20: Introduction and Rules

Animal versus Human models of disease

3:20 – 3:25: Pro-Animal - Darryl Knight

3:25 – 3:30: Pro-Human - Peter Paré

3:30 – 3:35: Rebuttal Knight

3:35 – 3:40: Rebuttal Paré

3:40 – 3:45: Audience Participation

Cardiovascular Disease in Women: The lack of research is a problem!

3:45 – 3:50: Pro: Karin Humphries

3:50 – 3:55: Con: Chris Thompson

3:55 – 4:00: Rebuttal Humphries

4:00 – 4:05: Rebuttal Thompson

4:05 – 4:10: Audience Participation

4:10: Reception Begins

For more information about:

- The Distinguished Lecture Series
- The Institute for Heart + Lung Health
- Location
- How you can support FEST
- And more...

Please visit www.fest.heartandlung.ca



Day #2: Friday, March 9

7:30 Light Breakfast

8:00 – 8:10: Welcome and Introduction with Pearce Wilcox

8:10 – 8:50: **Graeme Copland Memorial Lecture**
“Phenotype specific management of severe asthma”

Ian Pavord DM, FRCP

Consultant Physician and Honorary Professor of Medicine
Respiratory Medicine, Glenfield Hospital
Institute for Lung Health, Leicester

8:50 – 9:00: Discussion

Session Theme: Endothelium and Epithelium in Heart + Lung Health

Chairs: Aly Karsan, Sam Wadsworth

9:00 – 9:15: “When Coagulants and Endothelium Meet: A Virus Gateway”

Ed Pryzdial PhD

Clinical Professor, Pathology and Laboratory Medicine UBC
Scientist, Canadian Blood Services

9:15 – 9:30: “Epithelium Plasticity in Lung Disease”

Tillie Hackett PhD

Research Associate
James Hogg Research Centre, Institute for Heart + Lung Health

9:30 – 9:45: “Evidence of Physical Repair in the Vascular Endothelium”

Pascal Bernatchez PhD

Assistant Professor, Department of Anesthesiology, Pharmacology & Therapeutics, UBC
UBC James Hogg Research Centre, Institute for Heart + Lung Health

9:45 – 10:00: Discussion

10:00 – 10:15: Coffee Break

Session Theme: Clinical Innovation in Heart + Lung Health

Chairs: Carlo Marra, Graham Wong

10:15 – 10:30: “Experience and New Directions in Heart Valve Replacement”

David Wood MD, FRCPC

Clinical Assistant Professor
Director of Undergraduate Cardiovascular Medical Education, Division of Cardiology, UBC

10:30 – 10:45: “Why Lungs Are Risky for the Heart”

Don Sin MD, PRCP, MPH

Canadian Research Chair in COPD
Head, Respiratory Division, UBC

10:45 – 11:00: Discussion

Trainees: 5 minute presentation, 5 minute discussion

11:00 – 12:00: Poster Winner 1 – 6

Chairs: Dawn Cooper, Jasmine Grewal

12:00 – 12:20: Lunch

Please get your lunch and be seated for the British Columbia Lecture beginning at 12:20

12:20 – 12:50: British Columbia Lecture

Chair: John Cairns

“Treasuring the Exceptional Patients – Clues to New Treatment Modalities”

Michael R. Hayden MB, ChB, PhD, FRCPC, FRSC

Canada Research Chair in Human Genetics and Molecular Medicine

University Killam Professor, Department of Medical Genetics, UBC

Director/Senior Scientist, Centre for Molecular Medicine and Therapeutics, Child and Family Research Institute

12:50 – 1:00: Discussion

Session Theme: Novel Risk Markers in Heart + Lung Health

Chairs: Gordon Francis, Rhonda Wideman

1:00 – 1:20: Highlighted Lecture

“The Ethics of Patient Data and Sample Collection”

Laurel Evans LL.B

Director, Research Ethics, UBC

1:20 – 1:30: Discussion

1:30 – 1:45: “The Obesogenic Built Environment and Risk for Cardiovascular Disease”

Scott Lear PhD

Pfizer/Heart and Stroke Foundation Chair

Cardiovascular Disease Prevention Research St. Paul’s Hospital; SFU

1:45 – 2:00: “Sleep Apnea and Cardiovascular Disease”

Najib Ayas MD, MPH

Associate Professor

Head, Division of Critical Care Medicine UBC

2:00 – 2:15: “Blood Biomarkers for Better Heart and Lung Health”

Scott Tebbutt PhD

Assistant Professor UBC

James Hogg Research Centre

2:15 – 2:30: Discussion

2:30 – 2:45: Coffee Break

Session Theme: Early Life Origins of Disease

Chairs: Kelly McNaghy, Stephanie Warner

2:45 – 3:00: “What Everyone Needs to Know About DOHAD”

John Challis PhD, DSc, FRCOG, FCAHS, PRSC

University Professor of Physiology, Ob/Gyn and Medicine
University of Toronto

3:00 – 3:15: “Early Life Origins of Asthma”

Stuart Turvey MBBS, DPhil, FRCPC

Associate Professor, Division of Immunology and Infectious Diseases
Pediatrics, Faculty of Medicine UBC

3:15 – 3:30: “Enigmas and Emerging Insights about the Islet Case and Childhood Disease”

Bruce Verchere PhD

Associate Professor
Pathology and Laboratory Medicine, Faculty of Medicine UBC

3:30 – 3:45: Discussion

3:45 – 4:00: Award Presentations and Thank-Yous

4:00: Close