

lung
health
starts
now



lung health
foundation

Preliminary Program:

Better Breathing Conference 2021



Register

A VIRTUAL CONFERENCE FOR HEALTHCARE PROVIDERS

Get ready for the Better Breathing Conference!

For the first time in 38 years, the Lung Health Foundation's Better Breathing Conference programming spans an entire week! Whether you register for all of our sessions or just a few, you'll have access to the same great networking opportunities you'd expect from one of the largest and longest-running educational respiratory events in Canada. Rub elbows (virtually, of course) with your fellow:

- adult and pediatric respirologists
- residents
- fellows and trainees
- family physicians
- primary care physicians
- researchers
- oncologists
- respiratory therapists
- pulmonary technologists
- physical therapists
- nurses
- nurse practitioners
- dietitians
- physiotherapists
- pharmacists
- patients
- caregivers
- educators and more...

Overall Conference Objective:

This conference provides participants with the opportunity to enhance their awareness, knowledge, and connection to the critical information, tools, research, and people that support high-quality care for individuals with lung disease.

- Collaborate meaningfully across clinical and scientific disciplines
- Apply critical thinking skills to emerging evidence, changes to practice 'norms' and management of the complex needs of patients with lung disease
- Contribute to the collective understanding of the barriers driving gaps in care and the opportunities for improvement
- Enhance your knowledge in the management of asthma, COPD, lung cancer, infectious disease, and smoking/vaping cessation

The conference addresses the following CanMEDS competencies: Communicator, Collaborator, Leader, Health Advocate, Scholar, Professional and Medical Expert.

Credits for Royal College Specialists:

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada, and approved by Queen's University Office of CPD. You may claim a maximum of 24.25 hours (credits are automatically calculated).

Credits for Health Professionals:

This is an accredited learning activity which provided up to 24.25 hours of Continuing Education

Five days. Five lung health themes.

Each day of the Better Breathing Conference is dedicated to a specific area of lung health – helping you improve the way you deliver asthma, COPD, and lung cancer care, and helping you reach your patients with important messages about the dangers of infectious disease (hello, COVID-19!) and smoking/vaping.



[Day 1: Asthma | Monday, January 18](#)

The Lung Health Foundation is working to ensure that no one loses a loved one to asthma. *Monday's sessions will deepen your understanding of asthma, helping you keep your patients active and flare-up free.*



[Day 2: Chronic obstructive pulmonary disease \(COPD\) | Tuesday, January 19](#)

The Lung Health Foundation offers COPD patients programs and resources to keep them out of hospital, so they can live their lives to the fullest. *Tuesday's sessions will help you provide COPD care that helps your patients stay healthy at home.*



[Day 3: Lung cancer | Wednesday, January 20](#)

The Lung Health Foundation is dedicated to eliminating the barrier of stigma and giving those living with lung cancer a fighting chance. *Wednesday's sessions will help you understand the challenges unique to the lung cancer experience, through the entirety of the patient journey.*



[Day 4: Infectious Disease | Thursday, January 21](#)

The Lung Health Foundation works to ensure that older adults have access to the vaccinations they need to stay healthy and maintain their independence. *What could be more relevant, in the age of COVID-19? Thursday's sessions will deepen your knowledge of infectious respiratory threats.*



[Day 5: Smoking/Vaping Prevention and Cessation | Friday, January 22](#)

Lung Health Foundation provides support and education to ensure that future generations don't suffer the debilitating effects of lung disease caused by tobacco, cannabis, or vape products. *Friday's sessions will let you explore the latest topics in smoking and vaping cessation, as well as explore exciting new directions in health-care.*

Day 1: Asthma | Monday, January 18

9:00 am – 9:15am	Opening Remarks and Call to Action	Why asthma is important to the Lung Health Foundation and what we are doing about it
9:15am – 10:00am	What’s New in the Canadian Thoracic Society Asthma Guidelines Dhenuka Radhakrishnan, MD, MSc, FRCPC, Pediatric Respiriologist and Assistant Professor, Department of Pediatrics, University of Ottawa, Ottawa, ON	At the end of this session, participants will be able to: Discuss previous management strategies for people with mild asthma, adopt new recommendations for the management of people with mild asthma, and apply additional updates in the CTS asthma guidelines to the care of people with asthma. CanMEDs Competencies Addressed: Communicator, Collaborator, Professional, Medical Expert, Professional
10:00am– 10:30am	Chronic Rhinosinusitis with Nasal Polyps: Medical and Surgical Management Ian Witterick, MD, MSc, FRCSC, Professor and Chair, Department of Otolaryngology-Head & Neck Surgery, Temerty Faculty of Medicine, University of Toronto; Otolaryngologist-in-Chief, Sinai Health; President, Canadian Society of Otolaryngology, Head & Neck Surgery, Toronto, ON	At the end of this session, participants will be able to: Discuss and compare medical and surgical strategies for managing Chronic Rhinosinusitis with Nasal Polyps (CRSwNPs) and explain where newer biologics may fit in the treatment paradigm for CRSwNPs. CanMEDs Competencies Addressed: Medical Expert, Scholar, Professional
10:30am– 10:45am	BREAK	
10:45am– 11:45am	CONCURRENT 1: Practical Considerations for the Asthma Quality Standards Ontario Health	At the end of this session, participants will be able to: Discuss the current Asthma Quality Standards, identify key areas for quality improvement and apply it to their own practice/team. CanMEDs Competencies Addressed: Medical Expert, Collaborator, Leader, Professional

Day 1: Asthma | Monday, January 18

<p>10:45am-11:45am</p>	<p>CONCURRENT 2: André Péloquin Clinical Case Series Brent Guy, MD, FRCPC, Respiriology and Internal Medicine, Kitchener-Waterloo, ON</p> <p>Sean O'Loghlen, MD, FRCPC; Assistant Professor, Adjunct Academic Staff, Queen's University; Staff Respiriologist, Department of Internal Medicine, Lakeridge Health, Ajax, ON</p> <p>Lucy Perrem (pediatric), MB, BCh, MSc, The Division of Respiratory Medicine, The Hospital for Sick Children, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Better diagnose and manage challenging respiratory cases in community practice.</p> <p>CanMEDs Competencies Addressed: Collaborator, Medical Expert, Professional, Scholar</p>
<p>11:45am-12:15pm</p>	<p>BREAK/Grab Lunch</p>	
<p>12:15pm-1:00pm</p>	<p>Immunology and Management of Severe Asthma Guy Brusselle, MD, PhD, Professor, Department of Pharmaceutics and Department of Internal Medicine and Pediatrics, Ghent University; Pulmonary Physician and Chief, Ghent University Hospital, Ghent, Belgium</p>	<p>At the end of this session, participants will be able to: Identify biomarkers predictive of effective response to personalized treatment options in a severe asthma population; recognize indications, efficacy, safety and other key factors when selecting appropriate biologic agent for your patients with moderate-to-severe asthma; and discuss new biologic therapies and their effect on persistent symptoms, lung function and the rate of severe exacerbations.</p> <p>CanMEDs Competencies Addressed: Health Advocate, Professional, Medical Expert, Scholar</p>
<p>12:45pm - 1:00pm</p>	<p>BREAK</p>	
<p>1:00pm - 2:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>2:00pm - 3:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	

Day 1: Asthma | Monday, January 18

3:00pm - 3:15pm	BREAK	
3:15pm - 3:45pm	<p>Counselling Patients who are Interested in Alternative Therapies for Asthma TBD</p>	<p>At the end of this session, participants will be able to: Discuss four models of the patient-physician relationship as they relate to counselling patients interested in pursuing complementary and alternative therapies, recognize the kinds of health provider bias that influence counselling of patients interested in pursuing complementary and alternative therapies, and explain conversations about complementary and alternative therapies in the context of the Health Care Consent Act.</p> <p>CanMEDs Competencies Addressed: Collaborator, Communicator, Medical Expert, Health Advocate</p>
3:45pm- 4:00pm	BREAK	
4:00pm- 4:45pm	<p>AI has a role in clinical decision making in respiratory medicine Michael Fitzpatrick, MB, BCh (NUI), DCH, FRCPI, MD (NUI), FRCPC, FAASM; Professor, Department of Medicine, Queen's University, Division of Respiriology & Sleep Medicine; Chief of Staff & Vice President of Medical & Academic Affairs, Kingston Health Sciences Centre, Kingston, ON</p>	<p>At the end of this session, participants will be able to: Evaluate the evidence in support or against using AI in clinical decision-making.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Professional, Scholar</p>
4:45pm- 5:00pm	BREAK	
5:00pm- 6:00pm	SPONSORED SYMPOSIUM	

Day 2: COPD | Tuesday, January 19

<p>9:00am-9:15am</p>	<p>Opening Remarks and Call to Action</p>	<p>Why COPD is important to the Lung Health Foundation and what we are doing about it</p>
<p>9:15am-9:45am</p>	<p>Practical Aspects of Chronic Non-Invasive Ventilation: When to initiate new modes, interfaces, roles in severe COPD (Case-Based) Jackie Sandoz, MD, FRCPC, Assistant Professor, Department of Medicine, University of Ottawa, Staff Respiriologist, The Ottawa Hospital, Ottawa, ON</p>	<p>At the end of this session, participants will be able to: Discuss the current evidence and practical recommendations for initiating and titrating NIV in stable COPD patients and apply basic troubleshooting downloads.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Professional, Scholar</p>
<p>9:45am-10:15am</p>	<p>STATE OF THE ART: Therapeutic options in CTEPH including the evolving role of balloon pulmonary angioplasty John Granton, MD, FRCPC, Respiriologist and Clinician Investigator, Toronto General Hospital Research Institute (TGHRI); Professor of Medicine, Faculty of Medicine, University of Toronto, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Explain the role of balloon pulmonary angioplasty in the diagnosis and treatment of CTEPH and analyze its applicability.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Health Advocate, Professional, Scholar</p>
<p>10:15am-10:30am</p>	<p>BREAK</p>	
<p>10:30am-11:15am</p>	<p>COVID-19 and COPD Don D. Sin, MD, FRCPC, MPH, Director, Centre for Heart Lung Innovation and St. Paul's Hospital; Professor, Department of Medicine (Respirology), University of British Columbia, Vancouver, BC</p>	<p>At the end of this session, participants will be able to: Discuss the link between COPD and the risk of COVID-19, list the potential pathophysiology and management strategies for COPD patients with COVID-19, and analyze their applicability.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Professional, Scholar</p>

Day 2: COPD | Tuesday, January 19

<p>11:15am-12:00pm</p>	<p>Pulmonary Rehabilitation Moving Toward our New Normal Valerie Filteau, PT, CRE, CEP (ACSM); Physiotherapist, Certified Clinical Exercise Physiologist, Certified Respiratory Educator, Lanark Renfrew Lung Health Program, Lanark, ON</p> <p>Krystin Gravelle, RRT, CRE, Registered Respiratory Therapist, Certified Respiratory Educator with the Lanark Renfrew Lung Health Program, Lanark, ON</p>	<p>At the end of this session, participants will be able to: Design their pulmonary rehabilitation programs to serve our community in a pandemic environment, identify the skills and tools necessary to establish a virtual pulmonary rehabilitation program, and review commonly used outcome measures and how to apply in a virtual environment.</p> <p>CanMEDs Competencies Addressed: Collaborator, Medical Expert, Leader, Professional</p>
<p>12:00pm-12:30pm</p>	<p>BREAK/Grab Lunch</p>	
<p>12:30pm-1:00pm</p>	<p>Hyperpolarized gas magnetic resonance imaging to evaluate chronic airway diseases: Emerging evidence of clinical relevance - Sarah Svenningsen, PhD, Assistant Professor, Department of Medicine, Division of Respiriology, McMaster University; Affiliate Scientist, Research Institute of St. Joe's Hamilton, Firestone Institute for Respiratory Health & Imaging Research Centre, St. Joseph's Healthcare Hamilton, Hamilton, ON</p>	<p>At the end of this session, participants will be able to: Discuss hyperpolarized gas MRI derived biomarkers of airway and parenchymal disease and analyze their relevance to the clinical management of chronic airway diseases.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Professional, Scholar</p>
<p>1:00pm-2:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>2:00pm-3:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>3:00pm-3:15pm</p>	<p>BREAK</p>	

Day 2: COPD | Tuesday, January 19

<p>3:15pm-4:00pm</p>	<p>High Flow Heat and Humidity in COPD: Use in hospital and beyond Joshua Wald, MD, FRCPC, Assistant Professor, Department of Medicine, McMaster University; Staff Respiriologist Firestone Institute for Respiratory Health, St. Joseph's Healthcare Hamilton, Hamilton, ON</p>	<p>At the end of this session, participants will be able to: Differentiate the role of high flow heat and humidity in hypoxic and normoxic individuals with acute exacerbations of COPD and analyze the available evidence around the use of high flow heat and humidity for COPD patients in the outpatient setting.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Professional</p>
<p>4:00pm - 4:45pm</p>	<p>DEBATE - Opioids are beneficial in the management of dyspnea in advanced COPD PRO – Jean Bourbeau, MD, MSc, FRCPC, Professor, Department of Medicine, Epidemiology and Biostatistics, Faculty of Medicine, McGill University; Director of the COPD clinic and Pulmonary Rehabilitation, Montreal Chest Institute, McGill University Health Centre; Senior Scientist, Research Institute of the McGill University Health Centre (RI-MUHC), Translational Research in Respiratory Diseases Program, Centre for Outcomes Research and Evaluation, Montréal, QC.</p> <p>CON – Nicholas Vozoris, MHSc, MD, FRCPC. Assistant Professor, Division of Respiriology, Department of Medicine, University of Toronto; Staff Physician, St. Michael's Hospital; Adjunct Scientist, Chronic Disease and Pharmacotherapy Program, ICES Central MHSc, MD, FRCPC. Assistant Professor, Division of Respiriology, Department of Medicine, University of Toronto; Staff Physician, St. Michael's Hospital; Adjunct Scientist, Chronic Disease and Pharmacotherapy Program, ICES Central, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Evaluate the evidence in support or against using opioids in the management of dyspnea in COPD.</p> <p>CanMEDs Competencies Addressed: Communicator, Medical Expert, Professional, Scholar</p>

Day 2: COPD | Tuesday, January 19

4:45pm-5:00pm	BREAK	
5:00pm - 5:45pm	<p>The risks and benefits of COPD Action Plans Sylvia Mortimer, BSc RRT, CRE, Registered Respiratory Therapist, Dufferin Area Family Health Team, Orangeville, ON</p>	<p>At the end of this session, participants will be able to: Recognize the benefits and limitations of applying COPD action plans in the primary care environment (both live and virtual) to ensure an accurate diagnosis of COPD, recognize appropriate/inappropriate patient populations and situations for applying action plans, and discuss the limitations in the interpretation of action plans by health professionals in recognizing all types of acute exacerbation of COPD.</p> <p>CanMEDs Competencies Addressed: Communicator, Collaborator, Medical Expert, Health Advocate, Professional</p>
5:45pm-6:30pm	SPONSORED SYMPOSIUM	

Ready to register? [Let's get started!](#)

Day 3: Lung Cancer | Wednesday, January 20

<p>9:00am-9:05am</p>	<p>Opening Remarks and Call to Action</p>	<p>Why Lung Cancer is important to the Lung Health Foundation, what we are doing about it</p>
<p>9:05am – 9:30am</p>	<p>Lung Cancer and Equity Cynthia Morton, Chief Executive Officer, Canadian Partnership Against Cancer</p>	<p>At the end of this session, participants will be able to: Identify the disparities and inequities in health related to lung cancer, recognize the immediate and long term impact of these disparities on the health system and patient outcomes, and discuss what the Canadian Partnership Against Cancer and health system partners are doing to improve lung cancer screening in Canada.</p> <p>CanMEDS Competencies Addressed: Communicator, Leader, Health Advocate, Professional</p>
<p>9:30am-10:15am</p>	<p>Lung Cancer and Diagnostics Harvey H. Wong, MD FRCPC, MScCH, Staff Respiriologist, Sunnybrook Health Sciences Centre; Staff Respiriologist, St. Michael’s Hospital; Assistant Professor, Faculty of Medicine, University of Toronto, Toronto, ON</p>	<p>At the end of this session, participants will be able to: TBD</p> <p>CanMEDs Competencies Addressed: TBD</p>
<p>10:15am–11:00am</p>	<p>CONCURRENT 1: Exploring the Causes and Prevention of Cancer in the Workplace Paul A. Demers, PhD, Director, Occupational Cancer Research Centre, Ontario Health; Professor, Dalla Lana School of Public Health, University of Toronto</p>	<p>At the end of this session, participants will be able to: Identify the causes of occupational lung cancer, discuss the challenges and importance of recognizing occupational lung cancer, and appraise the implications of recognizing the causes of lung cancer for secondary prevention.</p> <p>CanMEDs Competencies Addressed: Communicator, Leader, Health Advocate, Professional, Medical Expert</p>

Day 3: Lung Cancer | Wednesday, January 20

<p>10:15am-11:00am</p>	<p>CONCURRENT 2: Cancer Therapy in the Interstitial Lung Disease (ILD) patient: Re-thinking the Risks and Rewards Shane Shapera, MD, FRCPC, Associate Professor, Faculty of Medicine, University of Toronto; Respiriologist & Director, Interstitial Lung Disease Program, Toronto General Hospital, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Appraise the risks and benefits of radiation therapy in patients with Interstitial Lung Disease (ILD) and lung cancer, and examine the emerging role of immunotherapy in lung cancer therapy and its role in both causing and exacerbating pre-existing ILD.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Leader, Professional, Scholar</p>
<p>11:00am-11:45am</p>	<p>Lung Cancer Screening for People at High Risk in Ontario Micheal McInnis, MD, FRCPC, Thoracic Radiologist, Toronto Joint Department of Medical Imaging, Radiology QA Lead, UHN High Risk Lung Cancer Screening Program, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Discuss the evidence for lung cancer screening for people at high risk and apply it to the Ontario context, analyze the benefits and harms of lung cancer screening for people at high risk, outline the steps in the screening pathway for Ontario Health's Lung Cancer Screening Pilot for People at High Risk, and identify people who should or should not be referred for lung cancer screening.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Health Advocate, Leader, Professional</p>
<p>11:45am-12:15pm</p>	<p>BREAK/Grab Lunch</p>	

Day 3: Lung Cancer | Wednesday, January 20

<p>12:15pm-1:00pm</p>	<p>Pediatric and Neonatal Lung Ultrasound: Applications and Potentials Adel Mohamed, BSc, MBBCH, MSc (Peds), GDCE; Assistant prof of Pediatrics, University of Toronto; Staff Neonatologist, Mount Sinai Hospital, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Discuss the basic principles and practical application of lung ultrasound, recognize the sonographic appearance of normal and abnormal patterns, assess lung aeration using the lung ultrasound severity score, identify different pulmonary pathologies including lung cancer, and utilize ultrasound as guidance for transthoracic interventions and lung recruitment.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Professional, Scholar</p>
<p>1:00pm-2:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>2:00pm-3:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>3:00pm-3:15pm</p>	<p>BREAK</p>	
<p>3:15pm-4:15pm</p>	<p>PANEL: Lung Cancer: Stigma, Access to Care and Cultural Aspects</p> <p>Part 1: My Journey Diane Van Keulen, BSc Agr (Honours), BEdu Enviro Sci (Honours), OCT, EAGALA Certified; retired Elementary School Teacher, Mathematics and Science, Durham Board of Education; Owner, No Stone Unturned Equestrian; Lung Cancer Patient, Beaverton, ON</p> <p>Part 2: What is the evidence? Margaret Fitch, RN, PhD, Independent Consultant in Research and Education; Professor (Adjunct), Faculty of Nursing, University of Toronto, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Identify the perceptions surrounding lung cancer that contribute to stigma, analyze the implications of stigma towards practice, education, research and access to care for lung cancer patients, compare the disparity between testing and treatment options from province to province and Canada to the US, contrast the changes that have occurred in public acceptance of smoking vs. non-smoking, and apply specific methods to support lung cancer patients, their family and caregivers.</p> <p>CanMEDs Competencies Addressed: Collaborator, Communicator, Medical Expert, Health Advocate, Leader, Professional</p>

Day 3: Lung Cancer | Wednesday, January 20

4:15pm-4:45pm	<p>Medical Assistance in Dying: Experiences and Evolution</p> <p>Christopher M. Parker, MD, MSc, FCCPC, FCCP; Associate Professor, Departments of Medicine and Critical Care Medicine, Queen's University; Respiriologist and Co-Director, Intensive Care Unit, Kingston Health Sciences Centre, Kingston, ON</p>	<p>At the end of this session, participants will be able to:</p> <p>Summarize the changes in the Guidelines that affect the administration of Medical Assistance in Dying and extrapolate the relevant information to update their own practice/team.</p> <p>CanMEDs Competencies Addressed: Collaborator, Communicator, Medical Expert, Leader, Professional</p>
4:45pm-5:00pm	BREAK	
5:00pm - 5:45pm	SPONSORED SYMPOSIUM	
5:45pm-6:30pm	SPONSORED SYMPOSIUM	

Ready to register? [Let's get started!](#)

Day 4: Infectious Disease | Thursday, January 21

<p>9:00am – 9:15am</p>	<p>Opening Remarks and Call to Action</p>	<p>Why infectious disease prevention is important to the Lung Health Foundation, what we are doing about it</p>
<p>9:15am-10:15am</p>	<p>Respiratory Virus Pandemics: Lessons Learned Gerald Evans, MD, FRCPC, Chair, Division of Infectious Diseases, Professor, Departments of Medicine, Biomedical & Molecular Sciences and Pathology & Molecular Medicine, Faculty of Health Sciences, Queen's University; Infectious Diseases Physician, Kingston Health Sciences Centre, Kingston, ON</p>	<p>At the end of this session, participants will be able to: Analyze current and potential future strategies in the management of respiratory virus pandemics.</p> <p>CanMEDs Competencies Addressed: Communicator, Medical Expert, Health Advocate, Leader, Professional</p>
<p>10:15am-10:45am</p>	<p>Pandemics and Self-care for Health Professionals and their families Tom Walker, MSW, RSW, Clinical Traumatologist, Compassion Fatigue Specialist; Human Factors Specialist, Ornge, Mississauga, ON; Lead Trainer and Consultant, Crisis Trauma Resource Institute (CTRI) Winnipeg, MB</p>	<p>At the end of this session, participants will be able to: Recognize the importance of self-care during a pandemic; identify and utilize skills to cope with immediate and long-term stress; and establish effective communication techniques to speak to their loved ones and work colleagues about difficult behaviours that can come from managing day to day stress during a pandemic.</p> <p>CanMEDs Competencies Addressed: Health Advocate, Professional, Leader</p>
<p>10:45am-11:00am</p>	<p>BREAK</p>	

Day 4: Infectious Disease | Thursday, January 21

<p>11:00am-11:45am</p>	<p>PANEL: Obstructive Sleep Apnea During COVID: Diagnostic and Therapeutic Considerations Najib Ayas, MD, MPH, Associate Prof Medicine, University of British Columbia, Vancouver, BC</p> <p>Tetyana Kendzerska, MD, PhD, The Ottawa Hospital Research Institute/University of Ottawa, Ottawa, ON</p>	<p>At the end of this session, participants will be able to: Discuss the role of sleep apnea and CPAP treatment on COVID-19 complications and outcomes, and evaluate the impact of COVID-19 on sleep-related diagnostic services and on PAP therapy, including in laboratory titration.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Health Advocate, Leader, Professional, Scholar</p>
<p>11:45am-12:15pm</p>	<p>BREAK/Grab Lunch</p>	
<p>12:15pm-1:00pm</p>	<p>STATE OF THE ART: Research in Progress on COVID-19 Margaret Herridge, MSc, MD, FRCPC, MPH, FCCP, Professor of Medicine, Critical Care and Pulmonary Medicine, University Health Network; Senior Scientist, Toronto General Research Institute; Director of Research, Interdepartmental Division of Critical Care Medicine, University of Toronto, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Discuss the current research on COVID-19 and extrapolate relevant information for use in their own practice/team.</p> <p>CanMEDs Competencies Addressed: Collaborator, Medical Expert, Health Advocate, Professional, Scholar</p>
<p>1:00pm-2:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>2:00pm-3:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>3:00pm-3:15pm</p>	<p>BREAK</p>	
<p>3:15pm – 6:00pm</p>	<p>CONCURRENT 1: Increasing vaccine confidence: Raising awareness on vaccine safety, efficacy, and benefits This afternoon will feature an update on vaccine availability and Canada's implementation efforts by Allison McGeer, MD, FRCPC, discussion with a panel of experts including Dawn Bowdish, PhD and Joanne Langley, MD, MSc, FRCPC, and a question and answer period.</p>	<p>At the end of this session, participants will be able to: Discuss current trends in the public acceptance of vaccines, particularly as relates to COVID-19 and analyze the implications towards their own practice/team.</p> <p>CanMEDs Competencies Addressed: Communicator, Collaborator, Leader, Health Advocate, Scholar, Professional and Medical Expert.</p>

Day 4: Infectious Disease | Thursday, January 21

<p>3:15pm- 6:00pm</p>	<p>CONCURRENT 2: Tuberculosis</p> <p>Part A - Canada's report card on its strategy to eliminate TB Richard Long, MD, FRCPC, FCCP, Director, TB Program Evaluation and Research Unit; Professor of Medicine, Department of Medicine, Faculty of Medicine and Dentistry; Adjunct Professor, School of Public Health, University of Alberta, Edmonton, AB</p> <p>*****</p> <p>Part B - Use of 3HP in remote Arctic regions of Canada Gonzalo G. Alvarez, MD, MPH, FRCPC, Associate Professor, Department of Medicine, University of Ottawa; Scientist, Ottawa Hospital Research Institute, Head of Division of Respiriology, The Ottawa Hospital, Ottawa, ON</p> <p>*****</p> <p>Part C - Impact of TB amidst the COVID-19 pandemic Dina Fisher, MSc, MD, FRCPC, Medical Director, Calgary Tuberculosis Services; Site Lead, Pulmonary Medicine, Peter Lougheed Center, Division of Respiratory Medicine, University of Calgary, Calgary, AB</p>	<p>At the end of this session, participants will be able to: State Canada's pre-elimination and elimination targets for TB, summarize Canada's report card on its strategy to eliminate TB, and critique Canada's strategy to eliminate TB and its recommendations.</p> <p>CanMEDs Competencies Addressed: Health Advocate, Leader, Professional, Scholar</p> <p>*****</p> <p>At the end of this session, participants will be able to: Explain the evidence for 3HP (three months of once weekly rifapentine and isoniazid) in the treatment of Latent TB Infection (LTBI), Discuss the 3HP implementation study done in Iqaluit/Qikitarjuaq, and analyze the benefits and barriers towards the implementation of an LTBI treatment program as identified in this study.</p> <p>CanMEDs Competencies Addressed: Medical Expert, Health Advocate, Professional, Scholar</p> <p>*****</p> <p>At the end of this session, participants will be able to: TBD</p> <p>CanMEDs Competencies Addressed: TBD</p>
<p>6pm - 7pm</p>	<p>SPONSORED SYMPOSIUM</p>	

Day 5: Smoking/Vaping and Exciting New Directions in Healthcare | Friday, January 22

9:00am – 9:15am	Opening Remarks and Call to Action	Why smoking/vaping cessation is important to the Lung Health Foundation and what we are doing about it
9:15am-10:00am	Vaping as a Cause of Lung Injury Karen J. Bosma, MD, FRCPC, Associate Professor of Medicine at the Schulich School of Medicine & Dentistry, Associate Scientist at the Lawson Health Research Institute, and Attending Consultant, Medical-Surgical Intensive Care Unit, University Hospital, London, ON	At the end of this session, participants will be able to: Discuss the types of lung injury incurred by vaping and differentiate them from the types of lung injury caused by cigarette smoking. CanMEDs Competencies Addressed: Medical Expert, Health Advocate, Professional
10:00am-10:45am	Adolescent Vaping: Practical Approaches to Screening, Assessment and Interventions Trisha Tulloch, MD, MS, FRCPC, FAAP, Assistant Professor, Department of Paediatrics, University of Toronto, Toronto, ON	At the end of this session, participants will be able to: Discuss recent trends in adolescent vaping and nicotine product use, review approaches to screening and assessment in various clinical settings, and summarize current evidence on interventions targeting cessation strategies for adolescents. CanMEDs Competencies Addressed: Medical Expert, Health Advocate, Professional
10:45am-11:00am	BREAK	
11:00am-11:45am	CONCURRENT A1: E- cigarette Use in Canada and Implications for Harm Reduction David Hammond, PhD, Professor and CIHR Applied Chair of Public Health, School of Public Health & Health Systems, University of Waterloo, ON	At the end of this session, participants will be able to: Discuss the patterns of vaping and the evolution of the e-cigarette market in Canada, and analyze the use of e-cigarettes for quitting smoking, including population-level impact in Canada. CanMEDs Competencies Addressed: Communicator, Health Advocate, Professional and Medical Expert

Day 5: Smoking/Vaping and Exciting New Directions in Healthcare | Friday, January 22

<p>11:00am-11:45am</p>	<p>CONCURRENT A2: Knowledge to Action: Hot Topics in Research</p> <p>1) Strategies for assessing balance and fall risk in patients with chronic lung disease – Marla Beauchamp, PT, PhD, Assistant Professor, School of Rehabilitation Science, McMaster University, Hamilton, ON</p> <p>2) Nutrition issues in interstitial lung disease: What have we learned and how can we put it into action – Sylvia Rinaldi, RD, PhD, Research Associate, Human Environments Analysis Laboratory (HEAL), PhD Candidate, Department of Health and Rehabilitation Sciences, Western University, London, ON</p> <p>3) From lung to limb: Skeletal muscle dysfunction in adults with cystic fibrosis – Kenneth Wu, PT, MA(SocSci), BScPT, MBA, Physiotherapist, Toronto Adult Cystic Fibrosis Centre, Division of Respiriology, St. Michael's Hospital, Unity Health Toronto; PhD Candidate, Rehabilitation Sciences Institute and Lecturer, Department of Physical Therapy, University of Toronto, Toronto, ON</p>	<p>At the end of this session, participants will be able to: Discuss new strategies in the diagnosis and management of respiratory diseases and extrapolate relevant information for use in their own practice/team.</p> <p>CanMEDs Competencies Addressed: Collaborator, Medical Expert, Health Advocate, Professional, Scholar</p>
<p>11:45am-12:00pm</p>	<p>SHORT BREAK TO GRAB LUNCH!</p>	

Day 5: Smoking/Vaping and Exciting New Directions in Healthcare | Friday, January 22

<p>12:00pm-12:45pm</p>	<p>CONCURRENT B1: Reach and Research with This Is Quitting: Truth Initiative’s Multifaceted Approach to Help Young People Quit Vaping Michael Amato, PhD, Methodologist, Truth Initiative, Innovations, Washington, DC; Assistant Professor of Medicine (Adjunct), Mayo Clinic, College of Medicine and Science, Rochester, MN, USA</p>	<p>At the end of this session, participants will be able to: Discuss the design and dissemination process for a text-message based program to help young people quit vaping (This Is Quitting (TIQ)), compare and contrast vaping cessation strategies in young people versus smoking cessation strategies for older adults, apply TIQ as a research platform to investigate young people’s experiences with vaping in observational studies, and evaluate the effectiveness of TIQ, (the first ever RCT) as a quit vaping program</p> <p>CanMEDs Competencies Addressed: Communicator, Leader, Health Advocate, Scholar, Professional, Medical Expert</p>
<p>12:00pm-12:45pm</p>	<p>CONCURRENT B2: Respirology Year in Review Vanessa Luks, MD, FRCPC, Assistant Professor, Department of Medicine, University of Ottawa; Staff Respirologist, The Ottawa Hospital, Ottawa, ON</p>	<p>At the end of this session, participants will be able to: Discuss the key concepts and new developments in respiratory medicine from 2020, reflect on their implication towards their practice, and decide upon the articles/materials to follow-up for further review.</p> <p>CanMEDs Competencies Addressed: Collaborator, Medical Expert, Professional, Scholar</p>
<p>12:45pm-1:00pm</p>	<p>BREAK</p>	
<p>1:00pm-2:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>2:00pm-3:00pm</p>	<p>SPONSORED SYMPOSIUM</p>	
<p>3:00pm-3:15pm</p>	<p>BREAK</p>	

Day 5: Smoking/Vaping and Exciting New Directions in Healthcare | Friday, January 22

3:15pm-4:45pm	<p>CONCURRENT C1: Removing Barriers to Holistic Health Promotion: How Vaping Prevention Brings People Together Steven Kelder, PhD, MPH; Beth Toby Grossman Distinguished Professor, Division of Epidemiology, Human Genetics, and Environmental Sciences, University of Texas School of Public Health, Austin Regional Campus, TX, USA</p>	<p>At the end of this session, participants will be able to: Identify and incorporate key/relevant stakeholders/partners in their health promotion/intervention plan, explain why health promotion/intervention is important to their patients, clients, and community members, and develop relevant action items and calls to action for both key stakeholders and target audience</p> <p>CanMEDs Competencies Addressed: Collaborator, Health Advocate, Professional</p>
3:15pm-4:45pm	<p>CONCURRENT C2: Resident Case Presentations A representative from each of the 6 Respiriology Centres in Ontario will present an interesting case they encountered during their residency</p>	<p>At the end of this session, participants will be able to: Identify and evaluate difficult clinical diagnoses based on presentations of cases by Respiratory Residents from the major Ontario academic centres.</p> <p>CanMEDs Competencies Addressed: Collaborator, Medical Expert, Professional, Scholar</p>
4:45pm-5:00pm	CLOSING REMARKS	

BONUS SESSION | FRIDAY JANUARY 22, 2020

5:00pm - 6:30pm	<p>ORCS 3 Minute Rapid-Fire Poster Presentations 15 healthcare researchers will each present an abstract from their current research</p>	<p>At the end of this session, participants will be able to: Identify new developments in respiratory care and analyze their applicability.</p> <p>CanMEDs Competencies Addressed: Collaborator, Medical Expert, Health Advocate, Professional, Scholar</p>
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Ready to register? [Let's get started!](#)

Better Breathing Conference

2021 Scientific Planning Committee

Chair: Anju Anand, MD, FRCPC	Staff Respiriologist, Sleep Medicine specialist and Education Site Director for Respiriology at St Michaels Hospital in Toronto; Assistant Professor at University of Toronto
Nathan Hambly, MD, FRCPC	Respirologist and Assistant Professor of Medicine at McMaster University in Hamilton
George Chandy, MD, MSc, FRCPC	Respirologist, The Ottawa Hospital
Eric Hentschel, MD, FRCPC	Respirologist, Clinical Practice, Kitchener
Michael Keim, RRT, MA	Health Educator at Ornge, Wardsville, ON
Theo Moraes, MD, PhD, FRCPC	Respirologist, The Hospital for Sick Children and Associate Professor, Department of Paediatrics, University of Toronto
Mithu Sen, MD, FRCPC, FCCP, FCCM, FAASM, D.ABSM	Respirology & Critical Care and Sleep Medicine Associate Professor; Adult Critical Care Program Developer at University of Western Ontario
Onofre Morán, MD, MSc, PhD, FRCPC	Respirologist and Associate Professor of Medicine at Queen's University
Jane Batt, MD, PhD, FRCPC	Assistant Professor of Medicine at University of Toronto; Respirologist and Medical Director of the TB Program at St Michael's Hospital
Christopher M. Parker, MD, MSc, FRCPC, FCCP	Professor of Respiratory & Critical Care Medicine; Respirology Training Program Director at Queen's University; Respirologist and Intensive Care Co-Director at Kingston General Hospital
Inderdeep Dhaliwal, MD, FRCPC, MSC (HQ)	Interventional Pulmonologist at Western University
Geneviève Digby, MD, FRCPC, MSc (HQ)	Respirologist and Assistant Professor, Division of Respirology & Department of Oncology at Queen's University
Adam Hambly, RRT, CRE	Registered Respiratory Therapist, Belleville and Quinte West Community Health Centre



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