

Majestic mountains, sparkling ocean, rainforests and beautiful foliage throughout all four seasons make Vancouver one of the most beautiful cities in the world. With a vast multicultural population, endless activities, and excellent infrastructure, Vancouver is welcoming to all types of travellers and takes great pride in being a clean, green, safe and accessible city.

Catering to any interest throughout the year, you can enjoy world class shopping, gourmet meals, outstanding live entertainment, sporting events, theatre, outdoor adventure, spectacular sights and attractions. With quick and easy access to Whistler, the Canadian Rockies, Victoria, Vancouver Island, Vancouver is your gateway to adventure.

Tour Gastown or Chinatown for a history of Vancouver, but do not miss the First Nations culture represented just minutes from downtown. The Capilano Suspension Bridge does more than span 450 ft. across and 230 ft. above the Capilano River—it connects lush trails through the West Coast rainforest.

## Continuing Education

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Curry International Tuberculosis Center and the Union-North America Region. The Curry International Tuberculosis Center is accredited by ACCME to provide continuing medical education for physicians. The activity is approved for up to 24 continuing education credits.

The Curry International Tuberculosis Center designates this educational activity up to 24 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The Curry International Tuberculosis Center is approved as a provider of continuing education by the California State Board of Registered Nursing, Provider CEP 12308. This conference is approved for up to 24 continuing education contact hours.

## Conference Goals

**At the end of this activity participants will be able to:**

- describe the state-of-the art science on TB prevention, diagnosis, treatment, and management of latent TB infection and TB disease, including in special populations
- explain the facilitators and barriers to effective community engagement in TB care and prevention
- discuss the clinical trials of new TB drugs and regimens

## The Union–North America Region Executive Committee

Victoria Cook, MD, President, BC Centre for Disease Control, Vancouver, BC, Canada

Lisa V. Adams, MD, Vice-President/Program Chair, Geisel School of Medicine at Dartmouth, Hanover, NH, USA

Sarah Brode, MD, Secretary/Treasurer, Westpark Health Care, Toronto, ON, Canada

Robert Horsburgh, MD, Boston University School of Public Health, Boston, MA, USA

James Johnston, MD, MPH, Immediate Past Vice-President, BC Centre for Disease Control, Vancouver, BC, Canada

Randall Reves, MD, Past-President, Denver Public Health, Denver, CO, USA

Christopher Lam, Ex-Officio, BC Lung Association, Vancouver, BC, Canada  
Menn Biagtan, MD, MPH, Secretariat, BC Lung Association, Vancouver, BC, Canada

## CME Planning Committee

Lisa V. Adams, MD, Geisel School of Medicine at Dartmouth, Hanover, NH, USA

Robert Belknap, MD, University of Colorado/Denver Public Health, Denver, CO, USA

Victoria Cook, MD, BC Centre for Disease Control, Vancouver, BC, Canada

Lisa Chen, MD, Curry International Tuberculosis Center, Oakland, CA, USA

Nick DeLuca, MD, Centers for Disease Control and Prevention, Atlanta, GA, USA

Robert Horsburgh, MD, President-Elect, Boston University School of Public Health, Boston, MA, USA

Shailla Jiwa, RN, BScN, MScPPH, BC Centre for Disease Control, Vancouver, BC, Canada

Alfred Lardizabal, MD, NJMS Global Tuberculosis Institute at Rutgers, Newark, NJ, USA

Joan Mangan, MPH, PhD, Centers for Disease Control and Prevention, Atlanta, GA, USA

Grouse Mountain's unique location, perched above the city of Vancouver on the edge of the wilderness, allows a variety of one-of-a-kind experiences, from stepping aboard the Skyride and ascending 2,800 ft. towards the top of the mountain, to world class skiing, to fine dining.

Stanley Park offers a wide range of unforgettable experiences for all ages and interests. It is a magnificent green oasis in the midst of the urban landscape of Vancouver. Discover kilometres of trails, beautiful beaches, local wildlife, and natural, cultural and historical landmarks.

The Sea to Sky Gondola located in Squamish provides sweeping views of Howe Sound, the majestic coastal forest and surrounding mountains. Once at the top, you will have access to a wide array of outdoor experiences including walking trails with cantilevered viewing platforms, the spectacular Sky Pilot Suspension Bridge, numerous hiking trails, rock climbing, access trails to backcountry routes and much more.

Vancouver is a dynamic multicultural city in a spectacular natural environment and temperate climate. Whatever the time of year, you'll find plenty of things to do in Vancouver.

Sapna Morris, MD, Centers for Disease Control, Atlanta, GA, USA

Rick O'Brien, MD, Dillon, CO, USA

Payam Nahid, MD, MPH, University of California in San Francisco, San Francisco, CA, USA

Ann Raftery, RN, PHN, Curry International Tuberculosis Center, Oakland, CA, USA

Elizabeth Rea, MD, MSc, Toronto Public Health, Toronto, ON, Canada

Max Salfinger, MD, University of South Florida, College of Public Health, Tampa, FL, USA

Kevin Schwartzman, MD, MPH, McGill University, Montreal, QC, Canada

James Sederberg, Curry International Tuberculosis Center, Oakland, CA, USA

## Abstract Committee

Shama Ahuja, MPH, PhD, New York City Department of Health and Mental Hygiene, New York, NY, USA

Sarah Brode, MD, Westpark Health Care, Toronto, ON, Canada

Rajita Bhavaraju, MPH, PhD, NJMS Global Tuberculosis Institute at Rutgers, Newark, NJ, USA

E. Jane Carter, MD, Brown University, Providence, RI, USA

Victoria Cook, MD, BC Centre for Disease Control, Vancouver, BC, Canada

Charlie M. Crane, MD, MPH, Martinez, CA, USA

Ian Kitai, MD, Hospital for Sick Children, Toronto, ON, Canada

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Geetika Verma, MD, University of Alberta, Edmonton, AB, Canada

Shu-Hua Wang, MD, MPH & TM, Ohio State Wexner Medical Center, Columbus, OH, USA

## REGISTRATION IS NOW OPEN

(US Currency)

	Early Bird Rate (until Nov 30)	Regular
MD/PhD: Union Member	\$500.00	\$550.00
Non-Member	\$550.00	\$600.00
Nurses and Other Allied Healthcare		
Union Member	\$375.00	\$425.00
Non-Member	\$425.00	\$475.00
Student rate:		\$300.00
Day Pass:		\$275.00

**To Register:** [www.bc.lung.ca/NAR](http://www.bc.lung.ca/NAR)

**Cancellation policy:** Registration minus \$100.00 processing fee will be refunded if written notice is received by December 6, 2018. Substitution may be made at any time.

**For any inquiries contact:**

Menn Biagtan at [biagtan@bc.lung.ca](mailto:biagtan@bc.lung.ca)

**Venue:** Sheraton Vancouver Wall Centre Hotel, 1088 Burrard Street, Vancouver, BC, Canada V6Z 2R9  
P: +1 (604) 331-1000

**To make hotel reservations:**

<https://www.starwoodmeeting.com/events/start.action?id=1708177315&key=1A463BE4>

\$159.00 + taxes CAD/night

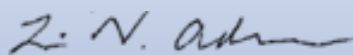
**Cutoff date:** January 21, 2019

# END TB.

2019  
TB CONFERENCE  
FEB 21-23, 2019  
SHERATON WALL  
CENTRE HOTEL  
VANCOUVER, BC

We look forward to welcoming you in Vancouver for the End TB 2019: 23rd Annual Meeting of the Union North America Region!

Our multidisciplinary planning committee has been hard at work to bring you a robust and engaging program that will include timely topics such as advocacy and policymaker perspectives on the UN High-Level Meeting on TB, the latest on TB diagnostics, drugs, treatment, prevention and clinical trials, LTBI treatment for special populations such as the elderly and non-HIV immunosuppressed, and approaches to effective community engagement. We are also pleased to include keynote addresses from Dr. Patricia Daly on opioid use and TB and from Dr. Eric Goosby on the next steps following the UN High-Level Meeting on TB. Please join us along with a diverse group of TB advocates, survivors, scientists, clinicians, and program managers from around the Western Hemisphere to network, discuss, and hear the latest highlights in TB care and prevention.



Lisa V. Adams, MD  
2019 Program Chair  
The Union-  
North America Region



## WEDNESDAY FEB 20, 2019

3:00 – 6:00 pm:  
Postgraduate Course (Pre-registration required)  
Chair: Dr. Max Salfinger

**Tuberculosis Immunology: Latest Developments**  
Dr. David Lewinsohn, Oregon Health And Science University, Portland, OR, USA

**Population Genomics of M. tb Genome**  
Dr. Sebastien Gagneux, Swiss Tropical Institute, Basel, Switzerland

**Therapeutic Drug Monitoring of Newer Compounds**  
Dr. Charles Peloquin, University of Florida College of Pharmacy, Gainesville, FL, USA

**Nontuberculous Mycobacteria and the Environment**  
Dr. Jennifer Honda, National Jewish Health, Denver, CO, USA

## THURSDAY FEB 21, 2019

morning session - 8:00am - 12:00pm

**Patient Perspective**  
Mr. Edward Walkus, Vancouver, BC, Canada

**The George Comstock Lecture**  
Dr. Eric Goosby, University of California in San Francisco, San Francisco, CA, USA

**Stop TB Meeting - Overview of the UN High-Level Meeting: Advocacy, Politics and Program**

Chairs: Dr. Elizabeth Rea and Dr. Randall Reves  
Panelists:

Dr. Lucica Ditiu, Stop TB Partnership, WHO, Geneva, Switzerland  
Dr. Jennifer Flood, California Department of Public Health, Richmond, CA, USA  
Mr. Natan Obed, Inuit Tapiriit Kanatami (ITK), Ottawa, ON, Canada

Oral Abstract Presentation #1

**Stop TB Canada and Stop TB USA Meetings**

**Poster Session #1**

## afternoon session - 2:00pm - 6:00pm

**Nursing Sponsored Session: Facilitators and Barriers to Effective Community Engagement**

Chairs: Ms. Ann Raftery and Ms. Shaila Jiwa

**Nunavut TB Community-Wide Screening Community Engagement Initiative**

Ms. Mishael Gordon, Department of Health, Iqaluit, Nunavut, Canada

Madam Mayor Mary Killiktee, Municipality of Qikiqtarjuaq, Nunavut, Canada

**An Ethnographic Approach to Exploring Facilitators and Barriers to TB Care in a U.S.-based Marshallese Community**

Mr. Caleb Klipowicz, University of Iowa, Iowa City, IA, USA

**Community Engagement Strategies for First Nations Clients in BC**

Ms. Isa Wolf, First Nations Health Authority, Vancouver, BC, Canada

**TB and Stigma as a Barrier to Engagement and Compliance in TB Care**

Dr. Laura Nyblade, RTI international, Research Triangle, NC, USA

Oral Abstract Presentation #2

Awards Ceremony

## FRIDAY FEB 22, 2019

morning session - 8:30am - 12:00pm

**Challenging TB Cases – Joint Medical, Nursing & Public Health**

Chairs: Dr. Victoria Cook, Dr. Sapna Morris & Dr. Alfred Lardizabal

**Top 10 Updates in TB from 2018**

Chairs: Dr. Max Salfinger and Dr. Nick DeLuca

**TB Laboratory Update**

Dr. Max Salfinger, University of South Florida, College of Public Health, Tampa, FL, USA

**TB Drugs: PK Update**

Dr. Kelly Dooley, Johns Hopkins School of Medicine, Baltimore, MD, USA

**TB Diagnostics Update**

Dr. Claudia Denkinger, FIND, Geneva, Switzerland

**Preventive Services Task Force Update: Mobilizing Primary Care Physicians for LTBI Testing and Treatment**

Dr. Nick DeLuca, Centers for Disease Control and Prevention, Atlanta, GA, USA

Oral Abstract Presentation #3

**Optional Non-CME: Industry-Sponsored Satellite Symposium #1**

**Poster Session #2**

## afternoon session - 2:00pm - 7:00pm

**Beyond TB Lecture – Opioid Use and TB**

Dr. Patricia Daly, Vancouver Coastal Health, Vancouver, BC, Canada

**LTBI Treatment in Special Populations**

Chairs: Dr. Kevin Schwartzman and Dr. Sapna Morris

**LTBI Overview with Risk and Benefit Discussion**

Dr. Kevin Schwartzman, McGill University, Montreal, QC, Canada

**LTBI Treatment in Pregnancy**

Dr. Sylvia LaCourse, University of Washington, Seattle, WA, USA

**LTBI Treatment in Non-HIV Immunosuppressed Patients**

Dr. Richard Zuckerman, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

**LTBI Treatment in the Elderly**

Dr. Richard Blinkhorn, Albany Medical Center, New York, NY, USA

**Patient-Centered Approaches for Challenging Patients**

Dr. Courtney Yuen, Harvard Medical School, Boston, MA, USA

Oral Abstract Presentation #4

**Annual General Meeting**

## SATURDAY FEB 23, 2019

morning session - 8:30am - 12:00pm

**TB Drug Development and Regimens: A Clinical Trials Update**

Chairs: Dr. Payam Nahid and Dr. Rick O'Brien

**New Drugs and Regimens for Drug-Susceptible TB**

Dr. Payam Nahid, University of California in San Francisco, San Francisco, CA, USA

**New Drugs and Regimens for Drug-Resistant TB**

Dr. Robert Horsburgh, Boston University School of Public Health, Boston, MA, USA

**ACTG TB Treatment Trials**

Dr. Kelly Dooley, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Panel Discussion: **Clinical Trials and MDR-TB Treatment Guidelines: How to Keep Up with a Moving Target**

Oral Abstract Presentation #5

**TB and Human Rights: The Pathways to Health Equity for Aboriginal Peoples**

Chair: Dr. Richard Long, University of Alberta, Edmonton, AB, Canada

Panelists:

Lori Sparling, Clearwater River First Nation, La Loche, SK, Canada  
Mara Nokohoo, Waypoints Community Services Association, Fort McMurray, AB, Canada  
Melissa Cardinal-Grant, University of Alberta, Edmonton, AB, Canada  
Courtney Heffernan, University of Alberta, Edmonton, AB, Canada

**Optional Non-CME: Industry-Sponsored Satellite Symposium #2**

## afternoon session - 1:15pm - 4:00pm

**The Latest in the Prevention of TB**

Chairs: Dr. Robert Belknap and Dr. Robert Horsburgh

**Vaccine Update in 2019: The Glass Half Full**

Dr. David Lewinsohn, Oregon Health and Science University, Portland, OR, USA

**Effectiveness and Safety of 4 Months of Daily Rifampin vs. 9 Months of Daily Isoniazid: Results of the 4v9 Trials**

Dr. Jonathon Campbell, McGill University, Montreal, QC, Canada

**LTBI Treatment Trials**

Dr. Robert Belknap, University of Colorado/Denver Public Health, Denver, CO, USA

**Overseas Screening as Prevention**

Dr. Drew Posey, Centers for Disease Control and Prevention, Atlanta, GA, USA

Oral Abstract Presentation #6

The Union

International Union Against  
Tuberculosis and Lung Disease  
*Health solutions for the poor*



BRITISH COLUMBIA  
LUNG ASSOCIATION

B R E A T H E  
the lung association

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