

27th Annual Conference of the Union-North America Region

FEB
22-25
2023

Sheraton Wall Centre Hotel
Vancouver, BC

Dr. Kevin Schwartzman
President, The Union-North America Region



On behalf of The Union-North America Region, I am delighted to welcome you to our 27th Annual End TB Conference. The conference is a highlight and a "don't miss" for those in our region working in TB. Our conference planning committee, with the expert leadership of Dr. Jonathan Golub and the skilled support of the BC Lung Foundation, has again assembled a superb program. We are excited to share key advances in TB science and care. Our conference provides unparalleled opportunities to connect with colleagues and friends, new and old, to share experiences, and to learn. We are particularly privileged to be joined by TB survivors and civil society allies. We are also honored to welcome our region's awardees, who have distinguished themselves by their innovation, leadership, and unceasing commitment to ending TB. I look forward to seeing you and to learning together. Welcome to Vancouver!

Jonathan Golub
2023 Program Chair/Vice-President



Thank you for joining us in Vancouver for the END TB: 27th Annual Conference of The Union - North America Region! Our multidisciplinary planning committee has assembled an engaging lineup of speakers that will cover timely topics in TB prevention and care, including the updated Global Plan to End TB, TB and pregnancy, subclinical TB, community engagement, recent therapeutic trials, and novel diagnostics. We are also thrilled to have Dr. Barbara Seaworth and Dr. Amy Kirby as our keynote speakers for the George Comstock Lecture and the Beyond TB Lecture, respectively. This year we have expanded our programming on challenging clinical TB cases chaired by our multidisciplinary expert panel. We also hope you will join us early for our free pre-conference postgraduate workshops on research literacy and advocacy for clinicians, researchers and survivors, and an introduction to implementation science. We look forward to welcoming you in Vancouver, along with a diverse group of TB advocates, survivors, scientists, clinicians, and program managers, to network and discuss the latest in TB.

MESSAGES

VAN
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BC

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 travelers 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.

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, and fine dining.

Stanley Park offers a wide range of unforgettable experiences for all ages and interests. It is a magnificent green oasis amid the urban landscape of Vancouver. Discover kilometers 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.

CONTINUING MEDICAL 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 the ACCME to provide continuing medical education for physicians. The activity is approved for up to 22.0 continuing education credits. The Curry International Tuberculosis Center designates this educational activity up to 22.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The Curry International Center is approved as a provider of continuing education by the California State Board of Registered Nursing, Provider CEP 12308. This educational conference is approved for up to 22.0 continuing education hours. Board requirements prevent us from offering CE credit to people who arrive more than 15 minutes after the start of the training or leave the training early. Therefore, partial credit will not be awarded.

Certificates will be available on the Curry International Tuberculosis Center website approximately twelve weeks after the educational conference to all participants who successfully complete the training. Successful completion includes attending the entire educational conference, signing in each day, and completing an online evaluation.

To view your certificate, you will need to go to the training page on the Curry International Tuberculosis Center <https://www.currytb-center.ucsf.edu/trainings>, log in and click on "training history".

All CME recipients will be contacted 4 months after the course to assist with long-term evaluation activities.

CONFERENCE GOALS

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

- describe innovative strategies to reach End TB targets, including digital technologies, innovative diagnostics and public/private partnerships
- identify strategies to provide equitable care to Indigenous people and reduce stigma in these and other at-risk populations
- identify the need for, and advocate for, inclusion of pregnant women in research studies
- describe the burden, management, and impact of subclinical TB globally and locally
- discuss the most recent evidence for shortening TB treatment for both drug-susceptible and drug-resistant TB.

Elizabeth Rea, MD, Toronto Public Health, Toronto, ON, Canada
Kevin Schwartzman, MD, MPH, McGill University, Montreal, QC, Canada
Priya Shete, MD, University of California San Francisco, San Francisco, CA, USA
Elizabeth Talbot, MD, Geisel School of Medicine at Dartmouth, Hanover, NH, USA
Cynthia Tschamp, PhD, Brandeis University, Waltham, MA, USA
Ann Rafferty, RN, PHN, Curry International Tuberculosis Center, Oakland, CA, USA
Isa Wolf, RN, TB Program Saskatoon, SK, Canada

2022 Abstract Committee

Rachel Dwilow, MD (Chair) University of Manitoba, Winnipeg, MB, Canada
Shama Ahuja, PhD, MPH, New York City Department of Health and Mental Hygiene, Long Island City, NY, USA
Lisa Armitage, MD, PhD, Heartland National TB Center, San Antonio, TX, USA
Carolyn Bargman, RN, Denver, CO, USA
Andrew Baslam, PhD, Brigham & Women's Hospital, Boston, MA, USA
Rajita Bhavara, PhD, MPH, NIMS Global Tuberculosis Institute at Rutgers, Newark, NJ, USA
E. Jane Carter, MD, Brown University, Providence, RI, USA
Lisa Chen, MD, University of California San Francisco, San Francisco, CA, USA
Terence Chhorba, MD, MPH DSc, Centers for Disease Control and Prevention, Atlanta, GA, USA
Victoria Cook, MD, BC Centre for Disease Control, Vancouver, BC, Canada
Ryan Cooper, MD, University of Alberta, Edmonton, AB, Canada
Charlie M. Crane, MD, MPH, Martinez, CA, USA
David Dowdy, MD, Johns Hopkins School of Medicine, Baltimore, MD, USA
Kevin Elwood, MD, BC Centre for Disease Control, Vancouver, BC, Canada
Jennifer Guthrie, MD, PhD, University of Western Ontario, London, ON, Canada
Robert Horsburgh, MD, Boston University School of Public Health, Boston, MA, USA
Devan Jagannath, MD, University of California San Francisco, San Francisco, CA, USA
Faiz Ahmad Khan, MDCM, MPH, McGill University, Montreal, QC, Canada
Ian Kitai, MD, Hospital for Sick Children, Toronto, ON, Canada
Michelle Macariga, MD, New York City Health Department and Mental Hygiene, Long Island City, NY, USA
Joan Mangan, PhD, MPH, Centers for Disease Control and Prevention, Atlanta, GA, USA
E. Ann Mitch, MD, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA
Sapna Morris, MD, Centers for Disease Control and Prevention, Atlanta, GA, USA
Sonal Munisiff, MD, University of Rochester Medical Center, Rochester, NY, USA
Eyal Oren, PhD, MS, San Diego State University, San Diego, CA, USA
Zulima Rueda, MD, University of Manitoba, Winnipeg, MB
Nicole Salazar-Austin, MD, Johns Hopkins University, Baltimore, MD, USA
Kevin Schwartzman, MD, MPH, McGill University, Montreal, QC, Canada
Elizabeth Talbot, MD, Geisel School of Medicine at Dartmouth, Hanover, NH, USA
Sheela Shenoi, MD, MPH, Yale School of Medicine, New Haven, CT, USA

The Union-North America Region Executive Committee

President: Kevin Schwartzman, MD, MPH, McGill University, Montreal, QC, Canada
Vice-President / 2022 Program Chair: Jonathan Golub, PhD, MPH, Johns Hopkins University, Center for TB Research, School of Medicine, Baltimore, MD, USA
Secretary / Treasurer: Rachel Dwilow, MD, University of Manitoba, Winnipeg, MB, Canada
President-Elect: Lisa Chen, MD, University of California San Francisco, SF, CA, USA
Immediate Past President: C. Robert Horsburgh, MD, Boston University School of Public Health, Boston, MA, USA
Immediate Past Vice-President: Sarah Brode, MD, Westpark Healthcare Center, Toronto, ON, Canada
Secretary: Menn Biagtan, MD, MPH, British Columbia Lung Association, Vancouver, BC, Canada
Ex-Officio: Christopher Lam, British Columbia Lung Association, Vancouver, BC, Canada

2022 CME Planning Committee

Jonathan Golub, MPH, PhD, Johns Hopkins University, Center for TB Research, School of Medicine, Baltimore, MD, USA
Lisa Armitage, MD, PhD, Heartland National TB Center, San Antonio, TX, USA
Lisa Chen, MD, University of California San Francisco, SF, CA, USA
Carolyn Bargman, RN, Denver, CO, USA
Victoria Cook, MD, BC Centre for Disease Control, Vancouver, BC, Canada
Rachel Dwilow, MD, University of Manitoba, Winnipeg, MB, Canada
Shaka Brown Gonzalez, Washington, DC, USA
Christopher Hoffmann, MD, Johns Hopkins University School of Medicine, Baltimore, MD, USA
C. Robert Horsburgh, MD, Boston University School of Public Health, Boston, MA, USA
Devan Jagannath, MD, University of California San Francisco, San Francisco, CA, USA
Emily Kendall, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD, USA
Ian Kitai, MD, Hospital for Sick Children, Toronto, ON, Canada
Rehannah Khan, RN, Toronto Public Health, Toronto, ON, Canada
Alfred Lardizabal, MD, NIMS Global Tuberculosis Institute at Rutgers, Newark, NJ, USA
David Lewinson, MD, PhD, Oregon Health & Science University, Portland, OR, USA
Joan Mangan, MPH, PhD, Centers for Disease Control and Prevention, Atlanta, GA, USA
Sundari Mase, MD, Department of Health Services, Santa Rosa, CA, USA
Nick Menzies, MD, Harvard, T.H. Chan, School of Public Health, Boston, MA, USA
Sapna Morris, MD, Centers for Disease Control and Prevention, Atlanta, GA, USA
Kelly Musoke, MPH, University of California San Francisco, San Francisco, CA, USA
Ruvandhi Nathavitharana, MD, Beth Israel Deaconess Medical Center, Boston, MA, USA

PROGRAM

WEDNESDAY: FEBRUARY 22, 2023

Postgraduate Course 1 - 12:00pm - 3:00pm

GET LOUD! Research Literacy and Advocacy Workshop for Clinicians, Researchers, and TB Survivors
Chairs: Dr. David Lewinson and Dr. Cynthia Tschamp, Shaka Brown, and Dr. Elizabeth Rea

12:00 Welcome and Overview

12:10 The Knowledge Management Loop: From Hard-Core Research to the 2-minute Elevator Pitch
Lena Faust, McGill University, Montreal, QC, Canada
Petra Heitkamp, TB PPM Learning Network, Montreal, QC, Canada
Kate O'Brien, We Are TB, Seattle, WA, USA

12:50 A New Tool You Can Use to Enhance your Research Literacy
Ms. Jennifer Woolley, Stop TB Partnership Working Group on New TB Vaccine, Geneva, Switzerland

1:10 Coffee Break

1:30 How to Have a Powerful Meeting with Decision Makers
Ms. Leigh Raitby, Results Canada, Ottawa, ON, Canada

2:40 Next Steps for Canadian Attendees
Ms. Leigh Raitby/Dr. Elizabeth Rea

2:50 Next Steps for US Attendees
Ms. Kate O'Brien/Dr. Cynthia Tschamp

Postgraduate Course 2 - 3:00pm - 6:00pm

Implementation Science for Tuberculosis 101
Chairs: Dr. Christopher Hoffmann and Dr. Priya Shete

3:00 Introduction

3:05 Introduction to Implementation Science and Why It Is Relevant to TB
Dr. Christopher Hoffmann, Johns Hopkins University, Baltimore, MD, USA

3:30 Implementation Science Illustration in Global Health TB Control
Dr. Adithya Cattamanchi, University of California San Francisco, San Francisco, CA, USA

3:55 Implementation Science to Improve TB Prevention Among Immigrant Communities in California
Dr. Amy Tang, North East Medical Services, San Francisco, CA, USA
Dr. Priya Shete, University of California San Francisco, San Francisco, CA, USA

4:20 Break-Out Session

4:50 Implementation Science and TB Preventive Therapy (TPT) - Lessons from Implementation of HIV and STI Interventions
Dr. Patrick Sullivan, Emory University, Atlanta, GA, USA

5:15 Panel Discussion: Bringing Implementation Science to Public Health Programs

Panelists:
Dr. Laura Vonnahme, Centers for Disease Control and Prevention, Atlanta, GA, USA
Dr. Masa Narita, Public Health, Seattle King County, Seattle, WA, USA
Dr. Jenny Flood, University of California in San Francisco, San Francisco, CA, USA
Dr. Amy Tang, San Francisco Department of Health, San Francisco, CA, USA
Dr. Patrick Sullivan, Emory University, Atlanta, GA, USA
Dr. Adithya Cattamanchi, University of California San Francisco, San Francisco, CA, USA

THURSDAY: FEBRUARY 23, 2023

MORNING

8:00 Opening and Welcome Remarks
Dr. Kevin Schwartzman – President of NAR
Dr. Jonathan Golub – Vice-President and 2023 Program Chair

8:10 Opening Prayer, Syexwalya Ann Who9nnock, Squamish Elder

8:15 Patient Perspective

8:30 The George Comstock Lecture: The Spectrum of TB in Pregnancy – Increasing Awareness in Hope of Better Outcomes
Dr. Barbara Seaworth, Heartland National TB Center, San Antonio, TX, USA

STOP TB Session: Implementation in a Post-Pandemic World
Chairs: Dr. Elizabeth Rea, Dr. Sundari Mase, and Dr. Cynthia Tschamp

9:30 Introduction/Overview
Dr. Sundari Mase, Department of Health Services, Sta. Rosa, CA, USA

9:40 The Updated Global Plan to End TB
Dr. Paula Fujiwara, Stop TB Partnership To End TB Task Force, Geneva, Switzerland

10:05 Coffee Break

10:25 Pakistan's Experience with Building an Enhanced Digital TB Surveillance System
Dr. Syed Karam Shah, SAto TB Partnership, Karachi, Pakistan

11:10 Using Public-Private Partnerships to Help End TB
Petra Heitkamp, McGill University, Montreal, QC, Canada

11:35 Oral Abstract Presentation#1

11:45 Panel Discussion

11:55 Non-CME Activity - Industry Sponsored Satellite Symposium

1:00 Poster Session 1

AFTERNOON

Nursing And Allied Health Sponsored Session: Community Engagement to Build Trust & Transform Health Systems
Chairs: Ms. Ann Rafferty, Ms. Isa Wolf, Dr. Joan Mangan, and Ms. Carolyn Bargman

2:00 Introduction

2:05 Prevention and Treatment of Tuberculosis in Indigenous Communities: Highlights from the 8th Edition of the Canadian Tuberculosis Standards
Mr. Jonathan Dunn, Assembly of First Nations, Ottawa, ON, Canada

2:30 Perspectives on Research Partnership and Implementation
Dr. Courtney Heffernan, University of Alberta, Edmonton, AB, Canada
Mr. Robin Love, University of Alberta, Edmonton, AB, Canada
Ms. Mara Nokhoo, Fort McMurray, AB, Canada
Ms. Sherry Clarke, Population Health Unit, La Loche, SK, Canada
Dr. Leonor Ward, Ottawa Hospital Research Institute, Ottawa, ON, Canada

2:55 Coffee Break

3:15 Engaging Partnerships, Improving Accessibility, and Decreasing Stigma
Ms. Connie Bieb Oikong, Ministry of Health and Human Services, Republic of Palau

3:40 Oral Abstract Presentation #2

3:50 Panel Discussion

4:30 Award Ceremony

FRIDAY: FEBRUARY 24, 2023

MORNING

7:30 Stop TB Canada Meeting / Stop TB USA Meetings

8:30 Challenging Cases Part 1-Joint Medical, Nursing, and Public Health
Chairs: Dr. Victoria Cook, Dr. Alfred Lardizabal, Dr. Elizabeth Talbot, Dr. Sapna Morris

TB and Pregnancy Session
Chairs: Dr. Lisa Armitage, Dr. Ian Kitai and Dr. Rachel Dwilow

9:30 Introduction

9:35 Case Presentation

9:45 TB Infection in Pregnancy: Novel Insights into Immunology and Prevention
Dr. Jyoti Mathad, Weill Cornell University, New York, NY, USA

10:10 Coffee Break

10:25 Best Practices for the Care of Pregnant and Peripartum People with DR-TB
Dr. Jennifer Furin, Harvard Medical School, Boston, MA, USA

10:50 Oral Abstract Presentation #3

11:00 The Beyond TB Lecture: Novel Strategies for Waste Water Surveillance
Dr. Amy Kirby, Centers for Disease Control and Prevention, Atlanta, GA, USA

12:00 Non-CME Activity - Industry Sponsored Satellite Symposium

1:00 Poster Session 2

AFTERNOON

TB Science: What is Hot?
Chairs: Dr. Devan Jagannath, Dr. Nick Menzies, Dr. Ruvandhi Nathavitharana

2:00 Introduction

2:05 Making Cough Count in Tuberculosis
Dr. Simon Grandjean Lapiere, University of Montreal, Montreal, QC, Canada

2:35 Coffee Break

2:55 Innovations in Non-Sputum-Based TB Diagnostics in Adults and Children
Dr. Tania Thomas, University of Virginia, Charlottesville, VA, USA

3:25 Epidemiology of TB Transmission in the United States
Dr. Sourya Shrestha, Center for Tuberculosis Research, Johns Hopkins University, Baltimore, MD, USA

3:55 Oral Abstract Presentation #4

4:05 Panel Discussion

4:30 Mentorship Meeting

SATURDAY: FEBRUARY 25, 2023

MORNING

8:00 Challenging TB Cases Part 2: Joint Medical, Nursing and Public Health
Chairs: Dr. Victoria Cook, Dr. Sapna Morris, Dr. Alfred Lardizabal, Dr. Elizabeth Talbot

Subclinical TB: Challenges in Diagnosis, Treatment, and Transmission
Chairs: Dr. Emily Kendall and Dr. Kevin Schwartzman

9:30 Introduction

9:35 Overview: Subclinical TB and Its Global Burden
Dr. Emily Kendall, Johns Hopkins University, Baltimore, MD, USA

9:45 The Role of Subclinical TB in Transmission
Dr. Barun Mathema, Columbia Mailman School of Public Health, New York, NY, USA

10:10 Identifying and Understanding Subclinical TB in High Burden Communities
Dr. Emily Wong, African Health Research Institute, Durban, South Africa

10:35 Coffee Break

10:55 Will Subclinical TB Hinder TB Elimination in North America?
Dr. Jonathan Campbell, McGill University, Montreal, QC, Canada

11:20 Oral Abstract Presentation #5

11:30 Panel Discussion

12:00 General Assembly

AFTERNOON

1:00 Clinical Trials Update
Chairs: Dr. Bob Horsburgh and Dr. Lisa Chen

1:00 Introduction

1:05 RIFASHORT Trial (4M DS-TB)
Dr. Amina Jindani, St. George's University of London

1:25 TRUNCATE (2m DS-TB)
Dr. Nick Paton, National University of Singapore, Singapore

1:45 Panel Discussion

1:50 Coffee Break

2:20 TB PRACTICAL Study (6m DR-TB)
Dr. Bern-Thomas Nyang'wa, Doctors Without Borders, London, UK

2:40 Increasing the Evidence base for Shortened MDR-TB Treatment Regimens
Dr. ID Rusen, Vital Strategies, New York, NY, USA

3:00 Oral Abstract Presentation #6

3:10 Panel Discussion

REGISTRATION

	EARLY BIRD RATE (Until Dec 15)	REGULAR
MD/PhD: Union (IUATLD) Member	\$525.00	\$575.00
Non-Member	\$625.00	\$675.00
Nurses and Other Allied Healthcare Union (IUATLD) Member	\$350.00	\$400.00
Non-Member	\$400.00	\$450.00
Student rate:	\$300.00	
Day Pass:	\$250.00	
Postgraduate course: plan to attend	Yes	No

If you wish to become a Union member, please click below:
The Union Membership

To Register: www.bclung.ca/NAR

Cancellation policy: Registration minus US\$100.00. Processing fee will be refunded if written notice is received by January 6, 2023. Substitution may be made at any time.

Venue: Sheraton Vancouver Wall Centre Hotel, Vancouver, BC, Canada 1000 Burrard St. Vancouver, BC V6Z 2R9 | Tel: + 604-331-1000

To make hotel reservations: Book your group rate for IUATLD 2023 Conference

Cut-off date: January 21, 2023

Room Rate: CAD\$169.00 + taxes



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