



**2024
TB
CONFERENCE
BALTIMORE, MD**

Joint Conference of the Union-NAR and the
National TB Coalition of America

April 16-19, 2024



Baltimore
maryland

Welcome to Baltimore and the 2024 TB Conference!


On behalf of the Union North American Region and National Tuberculosis Coalition of America leadership, we would like to offer our warmest welcome to our joint 2024 TB Conference! This year's partnership is a special opportunity to combine the best of our two organization's traditions and creative talent. As predicted, TB numbers are rebounding post-pandemic, yet again reminding all of us that the work and passion we share are vital to reach the goal of TB elimination.

It is our pleasure to welcome you to Baltimore, a city where tuberculosis has been studied for over 85 years from Frost to Riley to Comstock. Our multidisciplinary planning committee has developed a program full of engaging speakers covering the timeliest topics across the spectrum of TB practice and research. Our full day dedicated to clinician, nursing, and epidemiology tracks, along with our TB survivor workshop, provides relevant updates in these disciplines. Across the following three days, we offer symposia focused on Stop TB in the US and Canada, TB prevention, new advances in TB diagnosis and treatment, contact investigations, isolation guidelines, post-TB sequelae, and approaches to reduce TB among native Hawaiians and Pacific Islanders. We are also thrilled to include keynote addresses from Dr. Richard Chaisson and Dr. Sameer Pujari as our keynote speakers for the George W. Comstock Lecture and the Beyond TB Lecture, respectively. This year we have our breakfast session on challenging clinical TB cases and have expanded to have another breakfast session on challenging programmatic issues.

Our heartfelt thanks to the many members of the program planning committee, speakers, and wonderful staff who put together this conference program and a thank you to all of you for the work that you do to help eliminate TB. We look forward to the energy and excitement as our diverse community welcoming you in Baltimore, along with a diverse group of TB advocates, survivors, scientists, clinicians, and program managers, join together under one roof to network and discuss the latest in TB. We hope you enjoy the next few days and leave Baltimore energized to continue the fight against TB.


Dr. Lisa Chen
President, The Union-NAR


Dr. Jonathan Golub
Program Co-chair/Vice-President
The Union-NAR


Dr. Joe Burzynski
President, NTCA


Jason Cummins
Program Co-chair, NTCA



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 Maryland Foyer
-
 Maryland Ballroom
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 Baltimore Foyer
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 Baltimore Ballroom
-
 Federal Hill
-
 Homeland

FIFTH FLOOR



MONDAY APRIL 15, 2024

- 3-6pm REGISTRATION OPENS
- 3-6pm Exhibitor Set Up Available

TUESDAY APRIL 16, 2024

- 7:00 BREAKFAST/Meet with Exhibitors
- 7:00 Registration
- 8:00 **Welcome/Opening Remarks**
Lisa Chen, President, The Union-NAR
Joseph Burzynski, President, NTCA
Jonathan Golub, Program Chair, Vice-President, The Union-NAR
Jason Cummins, Program Chair, NTCA
Maunank Shah, Baltimore TB Program
Alexandra Pyan, Maryland TB Program
- 8:30 **Opening Prayer**
Mercia Cummings, LLC, Native American Lifelines
- 8:40 **TB Survivor Perspective**
Sarah Rives Gray
- 8:50 BREAK

Professional Development Track: CLINICIANS

Co-chairs: Sonal Munsiff and Ryan Cooper

Updated Guidelines on the Treatment of Active TB

- 9:15 Introduction
- 9:20 **Update of Short Oral Regimens for DS and DR Tuberculosis**
Sonal Munsiff
- 9:35 **Treatment of Drug Resistant TB: Highlights from 2024 Canadian TB Standards**
Sarah Brode
- 9:55 Q&A

Implementing Newer Regimes for Treatment of Active TB

- 10:25 **Adverse Reactions with TB Treatment-Real World Challenges**
William Burman
- 10:55 **Challenges with Using BPaI/BPaLM in Clinical Practice**
Connie Haley and Barbara Seaworth

11:35 **TB Relapse, Recurrence, and Treatment Failure, a 2024 Trialist Perspective**
Ekaterina Kurbatova

11:55 Q&A

12:10 LUNCH (Boxed lunches provided)

Treatment of Pediatric TB

Co-chairs: Shannon Brown and Lisa Armitige

1:10 **Pediatric TB Updates**
Lisa Armitige

1:40 **Steroids in TB Meningitis**
Annie Kizilbash

2:00 Q&A

Prevention of TB in Migrants

Chair: Ryan Cooper

2:10 **Evaluating the TB Infection Care Cascade in the Setting of Recent Surges in Migration: Lessons Learned in Chicago**
Ronald Lubelchek

2:30 Q&A

2:40 AFTERNOON BREAK

Therapeutic Drug Monitoring— for Whom Should We Use It?

Co-chairs: Sundari Mase and Erin Corriveau

3:00 **Overview of Therapeutic Drug Monitoring**
Chuck Peloquin

3:30 **Use of Therapeutic Drug Monitoring in New York City**
Joe Burzynski

3:35 **Case Studies of Therapeutic Drug Monitoring**
William Connors

3:40 **Case Studies of Therapeutic Drug Monitoring**
Erin Corriveau

3:45 Discussion

TUESDAY APRIL 16, 2024

Professional Development Track: EPIDEMIOLOGY/SURVEILLANCE

Trends and Opportunities in Tuberculosis Prevention and Care

Co-chairs: Katie Stinebaugh and Jonathon Campbell

- 9:15 **Introduction**
Katie Stinebaugh and Jonathon Campbell
- 9:20 **Canadian Epidemiology: 10-Year Trends and Impact/Recovery from COVID-19**
Maureen Carew
- 9:45 **American TB Epidemiology: 10-Year Trends and Impact/Recovery from COVID-19**
Kim Schildknecht and LaTweika Salmon-Trejo

- 10:05 **BREAK**
- 10:20 **Challenges and Opportunities in TB Prevention among People Born Outside Canada**
James Johnston
- 10:45 **Challenges and Opportunities in TB Prevention among People Born Outside of the USA**
Jeanne Sullivan Meissner
- 11:30 **LUNCH** (Boxed lunches provided)
- 12:30 **NTCA/SETC Workgroup Updates/Announcements**

Applying Epidemiological TB Data in Practice

- 12:50 **Implementing IGRA Laboratory Reporting in California**
Pennan Barry
- 1:10 **Collaboration of Public Health Academia and Practice to Communicate Racial and Ethnic Disparities in TB Incidence in Arkansas**
Maheen Humayun
- 1:30 **Tuberculosis Program Indicators: A Proposed Framework for Canada**
Courtney Heffernan
- 1:50 **Panel Discussion**

Professional Development Track: NURSING

It Takes a Village: Bringing Nurses, Communities, and Patients Together for Successful TB Elimination

Co-chairs: Cherrie, Stafford, Rehannah Khan, and Chibo Shinagawa

- 9:15 **Introduction**
Cherie Stafford, Rehannah Khah, and Chibo Shinagawa
- 9:30 **The Black Angels: Stigma and Sickness at Seaview TB Sanatorium**
Maria Smilios
- 10:15 **Q&A**
- 10:25 **TB Stigma, Transitioning from Theory into Practical Implications**
Alanna Bergman
- 10:45 **Identifying and Reducing Health Disparities in TB Care and Prevention**
Jackson Smith
- 11:05 **Q&A**
- 11:20 **NTCA and NAR Updates**
- 11:45 **Book Signing/Lunch/Networking time**
- 12:30 **LUNCH** (Boxed lunches provided)
- 1:30 **Community Voices and TB**
Facilitators: Anne Raftery and Chibo Shinagawa
Panelists: Liza Sam, Cheryl Murphy, Catalina Navarro, Sheldon Riklon, and Joe Kaminaga
- 2:15 **Small Group Breakout Session: Strategies for Successful Case Management**
Lead Facilitator: Cherie Stafford
- 3:15 **Wrap up & End of Program**

Professional Development Track: TB SURVIVORS

Co-chairs: Kate O'Brien and Shaka Brown

- 4:30 **Centers of Excellence (CoE) Sessions**
- 4:30 **Curry International TB Center**
Lisa Chen, Lisa True, Kelly Musoke, Jeannie Fong, and Emily Mabry
- Global TB Institute**
Alfred Lardizabal, Ameer Patrawalla, and Anita Khilal
- Mayo Clinic TB Center**
Jennifer Curran, Zelalem Temesgen, James Gaensbauer, John Wilson, and Rebecca Mussack
- Southeastern National TB Center**
Michael Lauzardo, Karen Simpson, and Donna Setzer
- 6:35 **Networking and Fun Activity: Baltimore Orioles Game**

WEDNESDAY APRIL 17, 2024

- 7:00 **BREAKFAST/Meet With Exhibitors**
- 7:00 **Poster Session 1 Set Up**
- 7:30 **Stop TB Canada Meeting**
- 7:30 **Stop TB USA Meeting**
- 8:45 **Welcome**
Jonathan Golub and Jason Cummins

The George Comstock Lecture: Comstock Revisited: Lessons for Ending TB

Richard Chaisson

- 10:00 **BREAK/Meet With Exhibitors**
- 10:00 **Poster Viewing**

Symposium 1: Stop TB Session: Strategic Knowledge for Strategic Next Steps Toward TB Elimination

Co-chairs: Elizabeth Rea and Cynthia Tschampl

- 10:30 **Introduction**
Elizabeth Rea
- 10:35 **TB Survivor Perspective**
- 10:45 **Update on the Global TB Epidemiology (Post -Pandemic)**
Nimalan Arinaminpathy
- 11:10 **Global Drug Facility: TB Medicine Access, Shortages, and Moving Forward**
Brenda Waning
- 11:40 **United Nations High-Level Meeting (HLM) Summary and Next Steps for Civil Society**
Colin Puzo Smith
- 12:05 **Oral Abstract Presentation: TB Cultural Profiles: Reducing Barriers to Tuberculosis Diagnosis and Treatment in Immigrant Communities**
Duncan Reid
- 12:15 **Panel Discussion**

- 12:45 **Non-CME Activity: Industry Sponsored Session: QIAGEN/LUNCH**
- 2:00 **Poster Session 1**
Co-chairs: Rachel Dwilow and Marco Salerno
- 3:00 **BREAK/Meet With Exhibitors**

Symposium 2: Preventing TB in North America

Co-chairs: Neela Goswami and Chima Mbakwem

- 3:30 **Introduction**
- 3:35 **Health Impact and Cost-Effectiveness of Expanded Targeted Testing and Treatment of Latent Tuberculosis Infection among the Medicare Population in 2022**
Yunfei Li
- 3:40 **Community-Wide TB Screening, Testing, and Treatment in Nunavut, Canada**
Rachel Dwilow and Michael Patterson
- 4:00 **TB-Free Majuro Campaign: Impact of Mass TB Prevention**
Richard Brostrom
- 4:30 **Reducing TB in New Arrivals: New U.S. CDC TB Technical Instructions for Panel Physicians and Civil Surgeons**
Joanna Regan
- 4:55 **Patient Voice**
Monica Shandal
- 5:00 **A 2024 Update on the TB Vaccine Clinical Pipeline**
Katrin Eichelberg
- 5:30 **Panel Discussion**

Awards Ceremony and Reception

Co-chairs: Kevin Schwartzman and Joe Burzynski

- 6:00 **NAR AWARDS: Lifetime/Service and the ECIA awards**
- NTCA AWARDS**

THURSDAY APRIL 18, 2024

7:00	BREAKFAST/Meet With Exhibitors
7:00	Poster Viewing
7:30	Challenging Programmatic Issues Co-chairs: Jason Cummins, Kimberly Gladfelter, Quentin Mazzaferro Presenters: Krystle Mallory, Meera Sreenivasan, Tina Campbell Panelists: Ryan Weight, Jeanne Sullivan-Meissner, Nancy Baruch, Jason Cummins, Kimberly Gladfelter, and Quentin Mazzaferro
9:00	Beyond TB Lecture: Emergence, and Impact of Artificial Intelligence Sameer Pujari
10:00	BREAK/Meet With Exhibitors
10:00	Poster Viewing
	Symposium 3a: New Advances in TB Diagnostics and Treatment Regimens Co-chairs: Simon Grandjean Lapierre and Devan Jaganath
10:30	Novel Evidence on TB Preventive Treatment in MDR-TB Contacts: Results from the TB CHAMP and V-QUIN Studies Greg Fox, Anneke Hesseling, and Trinh Duong
11:10	Overview of the Animal to Human Pipeline for New Regimens to Become Available – Including Injectables Eric Lee Nueremberger
11:35	Oral Abstract Presentation: Exposure to High-Dose Rifapentine and Moxifloxacin during pregnancy in Phase 3 Tuberculosis Treatment Trial Ekaterina Kurbatova
11:45	Scaling Existing Diagnostics and Treatment of TB Disease and Infection and Estimating Return on Investment Jonathon Campbell
12:05	Unlocking Insights: Leveraging Electronic Medical Record Data for LTBI Care Cascades and Intervention Evaluation Kathryn Winglee
12:25	Q&A
	Symposium 3b: Outcomes of Contact Investigations: Is What We Are Doing Working? Co-Chairs: Jason Cummins and Kelly White
10:30	Introduction/Welcome

10:40	Large Daycare Contact Investigation in a Low Incidence State Kristin Bertrang
11:00	2022 South Carolina TB Outbreak: Long Term Care Setting Amy Painter
11:20	Oral Abstract Presentation: The Impact, Costs, and Cost-effectiveness of Tuberculosis Outbreak Investigations in the United States: A Model-based Analysis Souyra Shrestha
11:30	Genotyping: One Tool in the TB Contact Investigation (CI) Toolbox Katie Stinebaugh
11:50	Impact of Molecular Epidemiology on Tuberculosis Investigations: A Case Study Kathryn Yoo
12:10	Panel Discussion
12:45	LUNCH on your own
	Symposium 4: New Isolation Guidelines Co-chairs: Ruvandhi Nathavitharana and Maunank Shah
2:15	Introduction
2:20	Oral Abstract Presentation: TB Center of Excellence for Training, Education, and Medical Consultation (TB COE) 2023 Regional Needs Assessment Nisha Ahamed
2:30	TB Survivor Abe Tyrone Thomas
2:45	Determinants of Infectiousness in People with Pulmonary TB Ruvandhi Nathavitharana
3:05	Treatment and Infectiousness Ed Nardell
3:15	NTCA Guidelines on Respiratory Isolation and Restrictions in Community Settings Maunank Shah
3:35	Implementation of Isolation Recommendations in the Canadian National TB Standards Ryan Cooper
3:55	Panel Discussion
4:30	BREAK/Meet With Exhibitors
5:00	Poster Session 2 Co-Chair: Rachel Dwilow and Marco Salerno
6:30	NAR Executive Committee/NAR Council Meeting Opportunity for Group Dinners/Activities

FRIDAY APRIL 19, 2024

7:00	BREAKFAST/Meet with Exhibitors
7:00	Poster Viewing
7:30	Challenging Clinical Cases Co-chairs: Elizabeth Talbot, Victoria Cook, and Alfred Lardizabal Presenters: Andrew DiNardo, Joseph Malone Panelists: Paul Saleeb, Maura Manion, Dina Fisher, Catlin Reed, and Connie Haley
9:00	Introduction Jonathan Golub and Jason Cummins
	Post-TB Sequelae: Taking the Next Steps Co-chairs: James Johnston and Kate O'Brien
9:15	Introduction James Johnston and Kate O'Brien
9:20	Post-TB Sequelae: Overview of Global Burden Sarah Auld
9:40	Living with Post-TB Sequelae: What do TB Survivors Want and Prioritize? Tina Shah
10:00	Post TB Lung Disease: Clinical Presentations and Pharmacologic Management Akshay Gupte
10:20	Post-TB Sequelae: A Review of Non-Pharmacological Management, And Development of a Post-TB Care Package Kamila Romanowski
10:40	Designing Intervention Studies to Improve Post-TB Outcomes: Biomarkers, Outcomes, and Potential Therapeutics Gregory Bisson
11:00	Risk of COVID-19-related Death among TB Survivors Relative to Persons Without a History of TB Disease in a Low TB Incidence Setting: A Retrospective Matched Cohort Study Scott Nabity
11:20	Closing Remarks Jonathan Golub and Jason Cummins
11:40	Debriefing for 2024 Conference and Planning for 2025

	Symposium 6a: Approaches to Reduce TB Among Native Hawaiians and Pacific Islanders in the United States Facilitators: Jennifer Curran and Derrick Felix
1:00	Call to Order and Welcome Derrick Felix
1:05	Epidemiology of TB Among Native Hawaiians & Pacific Islanders in United States Kimberly Schildknecht
1:20	Washington State Department of Health Lana Kay Dov Tacoma-Pierce County Health Department Kathy McClone
1:35	Indiana Department of Health Kelly White
1:50	Iowa Department of Health & Human Services Allan Lynch
2:05	BREAK
2:15	Oklahoma State Department of Health Amy Hill
2:30	Oregon Health Authority Heidi Behm
2:45	Kansas Department of Health and Environment Lauren Swensson
3:00	Hawaii State Department of Health Richard Brostrom, Mary Ing, Leanne Kihara, Lester Morehead, and Toni Torres
4:00	Open Discussion & Brainstorming Jennifer Curran
4:55	Wrap Up and Next Steps
	Symposium 6b: SETC-moderated Conversation with DTBE Partners Facilitator: Jenni Wheeler
	<i>This session will provide an opportunity for state and local partners to have an in-person collaborative dialogue with the leads of two key DTBE teams: Rebekah Stewart, Acting Lead of the Surveillance Team and Dr. Jonathan Wortham, Molecular Epidemiology and Outbreak Investigations Team Lead, as well as epidemiologists and data managers from across the country. While TB epidemiologists are often the only ones in their jurisdiction with their specialized role, this session gives participants a chance to discuss and learn from colleagues working in other places who face similar challenges to meet TB-related data needs. Moderated by SETC leadership, attendees will be encouraged to ask questions during the session but there will also be ways to submit questions anonymously for the moderator to pose to the panelists. Attendees are also welcome to join and listen to the discussions arising from the questions of others. Anticipated topics of discussion include RVCT implementation and TB GIMS (national genotyping database), but a broad spectrum of topics is welcome.</i>



Barbara
Seaworth
MD, MPH

Dr. Barbara Seaworth received her medical (M.D.) degree from Washington University in St. Louis, Missouri. She completed her residency in Internal Medicine at Wilford Hall United States Air Force Medical Center in San Antonio, Texas and her fellowship in Infectious Disease at Duke University in Durham, North Carolina. Dr. Seaworth is a Professor of Medicine and Infectious Disease at the University of Texas at Tyler Health Science Center.

Dr. Seaworth has spent the last 38 years working with tuberculosis as the Co-Medical Director of the Heartland National TB Center. She is an expert consultant for the state of Texas and for the United States/Mexico Binational Project along the Texas and Mexico border and a clinician for the San Antonio Metro TB Clinic. She is a consultant for the Global TB Concilium. From 2006 - 2022 she was the PI of the CDC grant for the U.S. TB Centers of Excellence. She is a Co-Chair for the Community Research Advisory Group for the CDC's Tuberculosis Trials Consortium.

She is a member of the Union and a past member at large of NAR Council, Fellow of the IDSA, a member of the U.S. National TB Coalition of America and prior President of the National Society of TB Clinicians. She served as a member of the HHSC Advisory Council on the Elimination of TB and IDSA's Global Public Health Committee. She has authored multiple book chapters and publications and has frequently presented on all aspects of tuberculosis internationally and throughout the United States.

Dr. Seaworth views her consultations with other medical providers that contribute to improved patient outcomes, her fight against stigmatizing language, and her support of patient centered care as her most important work and main accomplishments. Her hope is that every patient with TB has not just equal care but equitable care that best fits with their lifestyle and specifics of their disease.

Dr. Seaworth owes her success to the love and encouragement of her family, especially her spouse Dr. John Seaworth along with her children; Dr. Christine Seaworth (Jason Cox), Carrie Seaworth Bach (Andrew Bach), Patrick Seaworth (Dr. Hema Navaneethan Seaworth), Matthew Seaworth, Nathan Seaworth, and Cathleen Seaworth as well as grandchildren Abigail, Bear, Elizabeth, and Collette Bach.

She is thankful for the trust of patients she has been privileged to care for and the caring support and kindness of Dr. Lisa Armitige and her co-workers at the Heartland National TB Center whose assistance has been critical to her success.



Ian Kitai
MD, MPH

Ian Kitai first encountered tuberculosis when attending medical school at the University of the Witwatersrand, Johannesburg, South Africa. Following internships, he trained for 2 years in pediatrics in the United Kingdom. In 1980 he joined the Oxfam (UK) medical program to newly independent Zimbabwe and worked at a rural former mission hospital for 3 years. From 1983-6 he was senior registrar and lecturer at the University of Zimbabwe. He then undertook further training in Pediatrics and Infectious Diseases at the Hospital for Sick Children (SickKids), Toronto. He also worked for 2 years in Northern Manitoba with the Northern Medical Unit of the University of Manitoba.

For the past 25 years he has been the Tuberculosis Specialist at SickKids and is a Professor in the Department of Pediatrics at the University of Toronto. He also consults in pediatrics and infectious diseases in Ajax, Ontario. In 2003 he served as medical consultant to the infection control department at the Rouge Valley health system hospitals: for his work in preventing SARS transmission to staff and patients he received the Council Award of the College of The Physicians and Surgeons of Ontario.

Ian's main interest is in building and maintaining a multidisciplinary team for effective and compassionate patient-centered management. His current research interests include the presentation and diagnosis of pediatric tuberculosis in low burden settings, adverse events including paradoxical reactions during treatment, and the role of VFR travel in pediatric TB. He is an author of many clinical reports, research publications and guidelines including the pediatric chapter of the last 3 editions of the Canadian TB standards. He is the recipient of several teaching awards.

In his career in TB, Ian has been extremely fortunate to work with and learn from several remarkable colleagues. These include- among many - Dr. Ray Lam (nurse practitioner for the SickKids Tuberculosis Program), Dr. Elizabeth Rea (Toronto Public Health), Colleen Hymers (social work), Professor Simon Schaaf, Drs. Jeff Starke, Andrea Cruz, Lisa Armitige, Rachel Dwilow, Valerie Waters and many residents and infectious disease fellows. He is privileged to have Dr. Upton Allen as his very wise and supportive ID Division Chief at SickKids, and the NAR and its matriarch Dr. Menn Biagtan as his wonderful TB family.



Jonathon Campbell MD

Jonathon is an assistant professor in the Departments of Medicine and Global and Public Health at McGill University in Montreal, Canada, and an associate director of the McGill International TB Centre. Jonathon received his PhD from the University of British Columbia in 2018 and completed a postdoctoral fellowship with Dick Menzies and Kevin Schwartzman at McGill University in 2022. His research centers on generating evidence to inform the design and implementation of novel tuberculosis prevention and care strategies that maximize public health impact, while minimizing health system and patient costs. His research program aims to optimize identification and treatment of tuberculosis infection to prevent progression to tuberculosis disease, with a particular focus on prevention among persons born outside of Canada—a population disproportionately impacted by tuberculosis. He also has an interest in the long-term health of people surviving tuberculosis in high-income settings with a view to improve support and care for this population. He has had the privilege to work alongside national tuberculosis programs, the World Health Organization, and the World Bank on various projects over the years.



2024 marks the 15th year NTCA has recognized members of the TB community for their exemplary service, commitment to their profession, and expertise in TB prevention and care.

At the April conference, we will recognize the recipients of five (5) NTCA awards; All other awards will be recognized at a June 2024 All -member call.

The following awards will be announced.

William Stead TB Clinician Award

This award recognizes outstanding commitment and performance by a clinician providing tuberculosis care, leadership, or mentoring.

Carol Pozsik TB Nurse Award

This award honors exemplary care, service, dedication, or leadership in the field of TB nursing.

Dixie Snider Award

This award recognizes a CDC employee who has provided outstanding support, through partnership with a state or local tuberculosis community, in the interest of tuberculosis control and prevention.

TB Controller of the Year

This is the National Tuberculosis Coalition of America's highest award. It recognizes an outstanding contribution and impact on tuberculosis prevention and control at the local, state, regional, and operational level. The award recognizes what TB controllers are all about.

President's Award

This award, given at the discretion of the President, recognizes the individual who has demonstrated exemplary service, expertise, and is deserving of recognition.



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 the Curry International Tuberculosis Center, The Union—North America Region and the National Tuberculosis Coalition of America. The Curry International Tuberculosis Center is accredited by the ACCME to provide continuing medical education for physicians. This joint conference: 2024 TB Conference is approved for up to 20.5 continuing education hours.

The Curry International Tuberculosis Center designates this educational activity for up to a maximum of **20.5 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

Nurses, Provider Number CEP 12308. This educational activity is approved for up to a maximum of 20.5 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 training to all participants who requested CME or nursing credits on their applications and who successfully complete the activity. Successful completion includes attending the entire educational conference, signing in each day, and completing the online evaluation. To view your certificate, you will need to log into the CITC website, go to the training page, and click on **“training history.”**

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

The following faculty members have indicated that during the past 24 months, they have not had any relevant financial relationships or conflicts of interest with commercial interests that may have a direct bearing on the subject matter:

Arinaminpathy, Nimalan, PhD	Lubelchek, Ronald Jay, MD
Armitige, Armitige, MD, PhD	Mallory, Krystle, BSN, RN
Auld, Sarah MD, MSc	Munsiff, Sonal, MD
Barry Pennan, MD	Murphy, Cheryl, BSN
Bergman, Alanna, BSc	Nardell, Edward, MD
Kristin Bertrang, RN	Nathavitharana, Ruvandhi, MD
Bisson, Gregory, MD	Navarro, Catalina, RN
Brode, Sarah, MD	Nuermberger, Eric, MD
Brostrom, Richard, MD, MPH	Painter, Amy BSN, RN
Burman, William, MD	Peloquin, Charles, MD
Campbell, Jonathon, PhD	Puzo Smith, Colin
Carew, Maureen, MD	Regan, Joanna
Chaisson, Richard, MD	Riklon, Sheldon, MD
Connors, William, MD	Romanowski, Kamila, PhD
Cooper, Ryan, MD	Salmon-Trejo, LaTweika
Corriveau, Erin, MD, MPH	Sam, Liza, RN
Cummins, Jason	Schildknecht, Kimberly
Duong, Trinh	Shah, Maunank, MD, PhD
Dwilow, Rachel, MD	Shah, Tina, PharmD
Eichelberg, Katrin, PhD	Smilios, Maria
Gupte, Akshay, PhD	Smith, Jack, MPH
Heffernan, Courtney, PhD	Stinebaugh, Katie
Humayun, Maheen	Waning, Brenda, PhD, MPH
Johnston, James, MD, MPH	Winglee, Kathryn, PhD
Kaminaga, Joe	Yoo, Kathryn, MPH
Khilal, Anita	
Kizilbash, Annie, MD, MPH	

The following faculty member(s) presented information on investigational or off-label use of pharmaceuticals or medical devices:

NONE

The following faculty members have indicated that within the past 24 months, they have had a relevant financial relationship with a commercial interest which has a direct bearing on the subject matter. All conflicts have been mitigated:

Dr. Connie Haley owns stocks - Pfizer	Dr. Maunank Shah owns Royalties - SCENE HEALTH
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The following planning committee members have indicated that during the past 24 months, they have not had any relevant financial relationships or conflicts of interest with any commercial interest that may have a direct bearing on CME activity:

Amin, Priya, TB Survivor	Kendall, Emily, MD Johns Hopkins University
Armitige, Lisa, MD	Lardizabal, Alfred Rutgers Global TB Institute
Heartland National TB Center	Mase, Sundari, MD, CDC
Bernardo, John, MD Boston University	Mazzaferro, Quentin Arizona Department of Health
Burzynski, Joseph, MD, NYC DOHMH	Mbakwem, Chima Denver, CO
Campbell, Jonathon, MD McGill University	Musoke, Kelly, CITC
Chen, Lisa, MD, UCSF	Munsiff, Sonal University of Rochester
Cooper, Ryan, MD University of Alberta	O'Brien, Kate We Are TB
Cook, Victoria, MD BC Centre for Disease Control	Petiquan, Alex McGill University
Cummins, Jason, Tennessee Department of Health	Rae, Elizabeth, MD Toronto Public Health
Dwilow, Rachel, MD University of Manitoba	Shah, Maunank, MD, PhD Johns Hopkins University
Gladfelter, Kim, Department of Health of Harrisburg, PA	Stafford, Cherie Arizona Department of Health Services
Golub, Jonathan, PhD Johns Hopkins University Center for TB Research, School of Medicine	Stinebaugh, Katie, Minnesota Department of Health
Goswami, Neela, MD, CDC	Tschampl, Cynthia, PHD Brandeis University
Grandjean Lapierre, Simon, MD	Wegener, Donna National TB Coalition of America
Harper, Jessica, RN BC Centre for Disease Control	White, Kelly, Indiana Department of Health
Jaganath, Devan, MD, UCSF	Wolf, Isa, RN Saskatchewan Health Authority
Johnston, James, MD, MPH BC Centre for Disease Control	

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EXHIBITORS: INDUSTRY

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QIAGEN
QureAI/MinXray
Scene Health
SureAdhere by Dimagi

EXHIBITORS: NON-PROFITS/CBOs

CDC – Cure TB
CDC – Division of TB Elimination
CDC – TB Care Finder
Curry International TB Center
Global TB Institute
Mayo Clinic TB Center
Southeastern National TB Center
Texas Center for Infectious Disease
Tuberculosis Elimination Alliance

EDUCATIONAL GRANT PROVIDED by

Pittsfield Anti-Tuberculosis Society

BEVERAGE BREAK

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Committees

2024 PLANNING COMMITTEE

Jason Cummins <i>Program Chair -NTCA</i>	James Johnston
Jonathan Golub <i>Program Chair – NAR</i>	Emily Kendall
Priya Amin	Sundari Mase
Lisa Armitige	Quentin Mazzaferro
John Bernardo	Chima Mbakwem
Menn Biagtan	Sonal Munsiff
Sherry Brown	Kelly Musoke
Joe Burzynski	Kate O'Brien
Jonathon Campbell	Alex Petiquan
Lisa Chen	Elizabeth Rea
Ryan Cooper	Marcos Schechter
Rachel DwiLOW	Maunank Shah
Diana Fortune	Chibo Shinagawa
Kim Gladfelter	Cherie Stafford
Neela Goswami	Katie Stinebaugh
Simon Grandjean Lapierre	Cynthia Tschampl
Jessica Harper	Donna Wegener
	Kelly White
	Isa Wolf

ABSTRACT COMMITTEE

Rachel DwiLOW <i>NAR Lead</i>	William Connors
Marco Salerno <i>NTCA Lead</i>	Menn Biagtan
Connie Haley	John Jereb
Sarah Brode	Peri Hopkins
Ian Kitai	Caitlin Reed
Bob Horsburgh	Katelynee Gardner Toren
Richard Long	RJ Miles
Zulma Rueda	Jackie Cuen
Cynthia Tschampl	Nadya Sabuwala
Joan Mangan	Delphia Sanchez
Andrew Basham	John Bernardo
Jennifer Guthrie	Pat Iyer
Ryan Cooper	Laura Romo-Timme
Sheela Sheno	Shu Wang
Neela Goswami	Mutka Deia
Jonathan Campbell	Donna Wegener
Victoria Cook	



28th Annual Conference of
the Union-North America Region
2025 End TB Conference
February 26-29, 2025, Sheraton Wall Centre Hotel



2025 National TB Conference
Co-located with the APhL TB Conference
Dates and Venue TBA

