

AN OFFICIAL PUBLICATION OF THE AMERICAN COLLEGE OF CHEST PHYSICIANS

CHEST 2024

OCTOBER 6-9

BOSTON



WELCOME
TO

Boston

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& Sightseeing



Double Your Impact at CHEST 2024

Board of Advisors \$100,000 Challenge Match

The CHEST Board of Advisors will match all new and increased gifts to CHEST philanthropy dollar for dollar through October 9, 2024. Gifts to any pillar count toward this challenge!

Enjoying CHEST 2024? Support the future of chest medicine by giving to the CHEST Travel Grant program, a keystone initiative funded 100% by CHEST philanthropy.

- **Investment in Future Clinicians** | Supports historically excluded populations, fostering inclusion and expanding clinical knowledge regardless of their ability to pay
- **Free Registration & Travel Assistance** | Enables attendance at CHEST 2025
- **Mentorship & Education** | Connects emerging clinicians with invaluable guidance



CHEST saw a 58% increase in travel grant applications this year! Your gift ensures every deserving applicant can attend next year.



MATCH MY GIFT



CHEST philanthropy champions clinical research, community impact, support of the profession, and dedication to education through the investment and generosity of members and donors.



Welcome to *Boston* and CHEST 2024

Boston is a city rich in history and diversity, with a long legacy of cultural and educational excellence. While it may be one of the oldest cities in the US, dating back to 1630, it's the perfect location for our annual gathering, a thoroughly modern meeting that highlights the latest in chest medicine every year. Like Boston, CHEST never gets old.

The fall leaves paint a colorful backdrop for the outstanding educational and scientific programming at CHEST 2024. There are more than 300 educational sessions in this year's program, covering all aspects of pulmonary, critical care, and sleep medicine. There was a flood of abstract submissions for the meeting, and, as Chair of the Scientific Program Committee, I'm excited to see all of the enthusiastic researchers and clinicians report their latest discoveries.

CHEST 2024 has some familiar features as well as new experiences and areas of focus. Simulation sessions are back in full force, and we are proud of our ability to deliver excellent hands-on skills training, which is so vital in our field. We're also taking a closer look at artificial intelligence (AI) this year, both in the field of chest medicine and in the broader context of health care. It's a fascinating topic with far-reaching implications in prevention and patient care, and our expert presenters will look not only at the latest advancements but also ethical and legal considerations. Several sessions will explore AI, so be sure to include them on your meeting itinerary.

Additionally, the CHEST After Hours storytelling event is happening for the third year, and this year's event promises to be special. It will be hosted in collaboration with The Nocturnists, a storytelling community and podcast about the world of medicine. Don't miss this popular event at 6 PM on Monday, October 7.

Speaking of podcasts, several hosts are recording live versions of their podcasts during the meeting, including *Pulm PEEPs*, *ICU Ed and Todd-Cast*, *The Curious Clinicians*, and *Air Health, Our Health*. Meeting attendees are invited to be part of the live audience each morning in 210C.

I'm not alone when I say that Boston is one of my favorite cities. I'm especially looking forward to the return of the CHEST 5K in the home of the Boston Marathon. As a runner myself, I hope to see you at the starting line at 6:45 AM on Tuesday, October 8.

But the real attraction of CHEST 2024 is the people. Regardless of where we meet, CHEST is about being together and gathering in person with folks who coalesce around doing similar work. Interacting and sharing best practices is one of the academic highlights of my year, every year. ■



Gabriel Bosslet, MD, FCCP
Chair, CHEST 2024 Scientific
Program Committee



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CHEST President
Jack D. Buckley,
MD, MPH, FCCP



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The Story
of Our
Lives

CHEST
After Hours
celebrates the
human side of
the profession
through the art
of storytelling.



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Angels Among Us

Thanks to a 2023 book by Maria Smilios, a group of Black nurses who helped cure TB are finally being recognized for their contributions to medical history. Known by their patients as the "Black Angels," the group will receive an Honorary FCCP designation at CHEST 2024.

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Community Connections

Representatives from the Boston Health Care for the Homeless Program, the We Got Us grassroots coalition, and a collaboration between the Tufts Community Health Workers Engaging in Integrated Care and Community Action Programs Inter-City have been invited to CHEST 2024 to highlight their work and discuss their successful community intervention strategies.

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Boston's Finest

To make the most of your free time in Boston, check out our restaurant and sightseeing guide, compiled with input from local resident C. Corey Hardin, MD, PhD, a member of the CHEST Scientific Program Committee.

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Improving Patient Outcomes
5 Minutes at a Time

CHEST's First 5 Minutes® program aims to compress the time it takes to establish trust with patients so they feel comfortable getting to the heart of the conversation sooner.

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Building a Bridge
to Close Diagnosis Gaps

CHEST's Bridging Specialties® initiatives bring together pulmonologists and primary care physicians to tackle shared goals—shortening the time to diagnosis for interstitial lung diseases, COPD, and nontuberculous mycobacteria disease and bronchiectasis.

CHEST 2024

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The American College of Chest Physicians (CHEST) is the global leader in advancing best patient outcomes through innovative chest medicine education, clinical research, and team-based care.

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All information is correct as of September 17, 2024. Schedule and maps are subject to change. Check the CHEST Events app for updates.



Expand Your Specific Disease State Knowledge

Deepen your knowledge with the best of CHEST resources, including case-based questions, podcasts, annual meeting and board review videos, journal articles, and more

Explore CHEST Curriculum Pathways:



NEW! CHEST Curriculum Pathway for ILD

Enhance your knowledge of interstitial lung disease, including idiopathic interstitial pneumonias and sarcoidosis.

CHEST Curriculum Pathway for Lung Cancer

Increase your understanding of lung cancer diagnosis and intervention, while also taking a deeper look into solitary pulmonary nodules and other intrathoracic tumors.



CHEST Curriculum Pathway for Asthma

Get a comprehensive overview of asthma diagnosis and treatment. Gain confidence identifying mimickers and managing special situations.



**START
LEARNING**



Meeting Basics

You've made it to Boston—now navigate the meeting like a pro. Here are the key things you need to know.

MEETING NEWS

Scan the QR code to visit chestdailynews.chestnet.org for the latest meeting news, including exclusive session coverage. The news site will be updated multiple times a day throughout the meeting, with additional post-meeting coverage continuing through mid-November.



CONNECT ON SOCIAL MEDIA

What sessions are you enjoying? Who have you run into in the hallways? Share the fun you're having at CHEST 2024 on social media and get the latest updates from CHEST and other attendees. Follow #CHEST2024 to stay in the loop.

   @accpchest

 American College of Chest Physicians

ON-DEMAND PASS

Add an On-Demand Pass to your meeting registration to catch up on sessions you miss in Boston. This \$95 pass grants you access to session slides with audio voice-over for a year after the meeting. Purchase the pass at the registration desk on Level 1 of the Boston Convention and Exhibition Center until 2:30 PM Wednesday. *CME will not be provided for on-demand content.*

Plus! Round up your purchase price to support CHEST's philanthropic efforts, including travel grants for fellows to attend next year's annual meeting.

QUESTIONS? GET SUPPORT

The CHEST Help Team is available to connect with you to address your questions, comments, and concerns. Visit a Help Desk (see locations, opposite page), or contact us via email or phone:

helpteam@chestnet.org | +1 (224) 521-9800

CHEST 2024 EDUCATION

By the Numbers

440

CME EDUCATION
SESSIONS

29.5

HOURS OF CME
AVAILABLE

600+

LEARNING
OPPORTUNITIES

30

SIMULATION
COURSES

950+

EXPERT FACULTY
MEMBERS

4,066

ABSTRACTS AND CASE
REPORTS SUBMITTED

3,680

ACCEPTED ABSTRACT AND
CASE REPORT PRESENTATIONS

CLAIM CME/CE/COA

The online evaluation system to claim CME/CE credit will open at the conclusion of CHEST 2024.

You must complete the evaluation process and claim your credit by April 8, 2025, at 11:59 PM CT. For more details, scan the QR code to visit the CHEST 2024 CME Information web page.



CERTIFICATES OF ATTENDANCE

To obtain a certificate of attendance for your participation in CHEST 2024, go to **education.chestnet.org** and sign in with your CHEST credentials. Your certificate and transcript can be viewed at any time on the Manage CME page under Claimed Activities. You can also visit the Help Desk, located on Level 2 of the convention center, for help with printing a copy at designated kiosks.

DOWNLOAD THE CHEST 2024 APP

Plan your schedule and ensure you don't miss key CHEST 2024 sessions with the CHEST Events app. The app is your best source of information to ensure that you maximize your experience at the meeting.



- Browse the entire educational program to build your personal schedule and bookmark sessions or speakers.
- Peruse detailed maps of the Boston Convention and Exhibition Center, the Exhibit Hall, and the Omni Boston Hotel Seaport so that you can easily get wherever you're going.
- Find details on special events, how to claim CME credit, and on-site resources.
- Access a listing of exhibitors and see where you can find companies in the Exhibit Hall.
- Be the first to know about important announcements and updates from CHEST.



Registration

Boston Convention and Exhibition Center Level 1 North Lobby

Friday, October 4	3 PM – 5 PM
Saturday, October 5	6 AM – 5 PM
Sunday, October 6	6:30 AM – 6 PM
Monday, October 7	7 AM – 5 PM
Tuesday, October 8	7:30 AM – 5 PM
Wednesday, October 9	7:30 AM – 2:30 PM

Omni Boston Hotel Seaport First Floor Lobby

Friday, October 4	3 PM – 8 PM
Saturday, October 5	6 AM – 5 PM
Sunday, October 6	5:30 AM – 8 PM

Help Desks

Boston Convention and Exhibition Center • Level 2, near Room 252 • Northwest Lobby

Saturday, October 5	7 AM – 6 PM
Sunday, October 6	7:30 AM – 5:30 PM
Monday, October 7	7:30 AM – 6 PM
Tuesday, October 8	7:30 AM – 5:30 PM
Wednesday, October 9	7:30 AM – 3:30 PM

Exhibit Hall

Boston Convention and Exhibition Center Exhibit Level

Monday, October 7	10 AM – 4 PM
Tuesday, October 8	10 AM – 3 PM
Wednesday, October 9	10 AM – 2:30 PM



Take a Break at the Wellness Zone

Relax and rejuvenate at our exclusive CHEST 2024 Wellness Zone. Designed to provide a respite amidst the bustling meeting, you can unwind with soothing massages, participate in a healthy food demonstration, or engage in mindful meditation sessions. A team of expert practitioners will ensure you leave feeling refreshed and energized.

Wellness Zone activities will take place on Level 2 in the Northeast Lobby.



Wellness Zone Schedule

SUNDAY, October 6

Hours: 9:30 AM – 3 PM

7:15 AM – 7:45 AM	Workout Tai Chi Yoga Stretch
12:15 PM – 12:45 PM	Lecture The Secret to Healing Back Pain
1 PM – 1:30 PM	Food Demo Drink to Your Health
2:30 PM – 3 PM	Workout Sound Bath Healing Meditation

MONDAY, October 7

Hours: 7 AM – 4 PM

7:15 AM – 7:45 AM	Workout Tai Chi Yoga Stretch
10:15 AM – 10:45 AM	Lecture Permission to Eat: Understanding Your Food Emotional Quotient
12:15 PM – 12:45 PM	Lecture Life Happens: Eliminating Joint Pain
1 PM – 1:30 PM	Food Demo Power Eating: Decoding Diet Trends
2:30 PM – 3 PM	Workout Dance Party

TUESDAY, October 8

Hours: 7 AM – 4 PM

7:15 AM – 7:45 AM	Workout Tai Chi Yoga Stretch
10:15 AM – 10:45 AM	Lecture Being Present: Meditation for Daily Life
10:45 AM – 11:15 AM	Lecture Life Happens: Eliminating Joint Pain
1 PM – 1:30 PM	Food Demo Smart Snacking
2 PM – 2:30 PM	Workout Sound Bath Healing Meditation

WEDNESDAY, October 9

Hours: 7 AM – 1 PM

7:15 AM – 7:45 AM	Workout Tai Chi Yoga Stretch
10:30 AM – 11 AM	Lecture Conscious Life: Being Present

All podcasts will be recorded in 210C



CHEST 2024 Live Podcasts

Sunday, October 6
9:45 AM – 10:45 AM

ICU Ed and Todd-Cast: Hot Critical Care Topics We Encountered at CHEST 2024

Hosts (left to right):
Edward Qian, MD
Todd Rice, MD, FCCP



Join the hosts of the *ICU Ed and Todd-Cast* as they discuss emerging critical care trial results being presented at CHEST 2024 and define how new data and results might influence critical care clinical practice.

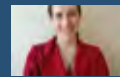
“We’ve always been impressed with the educational program at the CHEST Annual Meeting, and when we were approached to be a part of it, we certainly couldn’t say no! We hope to add to the bevy of great programming and set the tone for a great conference.”

Several podcast hosts are recording live versions of their shows during CHEST 2024. Meeting attendees are invited to be part of the live audience each morning.



Tuesday, October 8
11:15 AM – 12:15 PM

Air Health Our Health: Your Career and Climate Change



Host:
Erika
Mosesón, MD,
FCCP



Speaker:
Mary Rice, MD

Climate change affects all of our patients and communities, and those who work in health care are well positioned to help in multiple ways. Come prepared to participate!

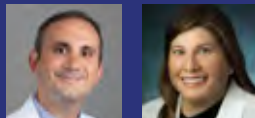
“I hope people who attend will learn about how to incorporate action for clean air and a stable climate into their professional and personal lives. In this session, we will learn from Dr. Mary Rice, who has been a leader in this area from talking to patients about climate change to efforts to improve the climate impact of health care delivery and advocacy at the national level.”



Monday, October 7
11 AM – 12 PM

PulmPEEPs: Interview with Maria Smilios – Black Angels

Hosts:
David Furfaro, MD
Kristina Montemayor, MD



Join *PulmPEEPs* in a live interview with Maria Smilios, author of *The Black Angels: The Untold Story of the Nurses Who Helped Cure Tuberculosis*. See page 34 to learn more about the Black Angels.

“Here at *PulmPEEPs*, we have always loved the CHEST Annual Meetings. We have enjoyed learning at them, reuniting with and meeting colleagues, and having conference-specific episodes the past two years. The opportunity to record live at CHEST 2024 is a real thrill, and we’re looking forward to an interesting discussion and to being able to engage directly with the CHEST community.”



Wednesday, October 9
11:15 AM – 12:15 PM

The Curious Clinicians: Living on a Lung

Hosts (left to right):
Avraham Z. Cooper, MD
Anthony Breu, MD
Hannah Abrams, MD



See *The Curious Clinicians* record live! In this episode, the hosts will discuss how it’s possible to live with only one lung after a pneumonectomy. Q&A to follow.

“We are so excited to record live at CHEST 2024 because of the tremendous energy of the conference and the organization’s commitment to high quality medical education.”



Study at Your Own Pace

Increase your knowledge and test your recall with CHEST education

Board Review On Demand

Access the full set of recordings from the CHEST Board Review 2024 courses. Learn from leading experts in pulmonary and critical care medicine.



CHEST SEEK® Library

Explore 1,200+ case-based questions based on the ABIM blueprint. Read detailed rationales and test yourself with mock exams.



CHEST Curriculum Pathways

Build your clinical knowledge on specific disease states with microlearning modules on asthma, lung cancer, and interstitial lung disease.



Schedule at a Glance

SATURDAY, October 5

Meeting Hours 7:30 AM – 5:35 PM

SUNDAY, October 6

Meeting Hours 8 AM – 5 PM

Opening Session and
Keynote Address 8 AM – 9:30 AM

Welcome Reception 5 PM – 7 PM

MONDAY, October 7

Meeting Hours 7 AM – 5:30 PM

Exhibit Hall 10 AM – 4 PM

Networks Mixer 5 PM – 6 PM

CHEST After Hours 6 PM – 8 PM

TUESDAY, October 8

Meeting Hours 7 AM – 5 PM

Exhibit Hall 10 AM – 3 PM

Cultures and Communities Reception 7 PM – 8 PM

CHEST Challenge Championship. 8 PM – 9:15 PM

WEDNESDAY, October 9

Meeting Hours 8 AM – 4:30 PM

Exhibit Hall 10 AM – 2:30 PM



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SATURDAY, OCTOBER 5

All rooms listed in the schedule are at the Boston Convention & Exhibition Center.

Room	7 AM – 8 AM	8 AM – 9 AM	9 AM – 10 AM	10 AM – 11 AM	11 AM – 12 PM	12 PM – 1 PM	1 PM – 2 PM	2 PM – 3 PM	3 PM – 4 PM	4 PM – 5 PM	5 PM – 6 PM
156A	Pulmonary and Critical Care Medicine Fellows Course <i>(Invite Only)</i>										
157C	SIMULATION POSTGRADUATE COURSE Point-of-Care Ultrasound for Respiratory Failure and Shock: A Hands-On Course										
160	SIMULATION POSTGRADUATE COURSE Advanced Robotic and Navigational Bronchoscopy: A Hands-On Course										
204AB	POSTGRADUATE COURSE Pulmonary Literature Review and Complex Case Presentations <i>(End Time: 5:20 PM)</i>										
205A	MASTER CLASS Advanced Management Strategies in Severe Asthma and COPD					MASTER CLASS Pulmonary Hypertension: Expert Didactics and Discussion					
205B	POSTGRADUATE COURSE Sleep Medicine: Cutting-Edge Insights and Innovations					POSTGRADUATE COURSE Contemporary Questions in Pulmonary and Critical Care Infections <i>(End Time: 5:35 PM)</i>					
205C	POSTGRADUATE COURSE Pulmonary Embolism Management: Unraveling Controversies and Exploring Cutting-Edge Strategies										
206AB	MASTER CLASS Critical Care – At The Edge of the Evidence					MASTER CLASS Interstitial Lung Diseases: Case Studies and Multidisciplinary Discussions					
	7 AM – 8 AM	8 AM – 9 AM	9 AM – 10 AM	10 AM – 11 AM	11 AM – 12 PM	12 PM – 1 PM	1 PM – 2 PM	2 PM – 3 PM	3 PM – 4 PM	4 PM – 5 PM	5 PM – 6 PM

Sessions highlighted in **BLUE** require additional registration. Inquire at Registration for details.

CHEST 2024 Program

SUNDAY OCTOBER 6

Opening Session

Ballroom
8 AM – 9:30 AM



Keynote Speaker

Vanessa Kerry, MD, MSc,
Critical Care Physician and
World Health Organization
Special Envoy for Climate
Change and Health

Also Featuring:

CHEST Awards
Convocation Ceremony
President's Address by
Jack D. Buckley, MD,
MPH, FCCP
Welcome Speech by
Gabriel Bosslet, MD, FCCP,
Chair of the CHEST
2024 Scientific Program
Committee

APPs in Chest Medicine Forum

**Omni Boston Hotel
Seaport**
12 PM – 1:30 PM

Welcome Reception

Ballroom
5 PM – 7 PM

Sponsored by *Viartis and
Theravance Biopharma*



9:45 AM – 10:45 AM				11 AM – 12 PM				12 PM – 1 PM			
Room											
203	PROBLEM-BASED LEARNING Difficult ILD Cases			PROBLEM-BASED LEARNING Advanced Positive Pressure Therapies and Noninvasive Ventilation							
204AB	Thomas L. Petty, MD, Master FCCP Endowed Memorial Lecture			Murray Kornfeld Presidential Honor Lecture							
205A	Getting Sepsis Done Right: A Pro-Con Debate			Prescribing Change: Redefining the Physician Role in Public Health Advocacy							
205B	Transesophageal Echocardiography by the Intensivist: How, When, and Why			From Diagnosis to Discharge: A Journey Through Oncologic Critical Care							
205C	Myths and Masks: Truths and Lies About Positive Airway Pressure Interfaces			More Than Compliance: Decoding Home Ventilator Data Downloads							
206AB	Sleep-Disordered Breathing and Heart Failure: SERVE-HF, ADVENT, and Future Directions			Disparities in Access to Lung Transplant							
210A	Back to the Future: Addressing Unmet Needs in Sarcoidosis			Pardon the Disruption: Controversies in Sleep Medicine 2024							
210B	New Perspectives on Ventilator Liberation			Avoid Inhaler Failure: When Is the Right Time to Switch? Case-Based Learning							
210C	ICU Ed and Todd-Cast: Hot Critical Care Topics We Encountered at CHEST 2024 (Live Podcast Recording)			Conundrums and Controversies in Interstitial Lung Diseases: A Pro-Con Debate							
253A	Tackling TB: Challenges and Advancements in TB Diagnosis, Treatment, and Outcomes			Sickle Cell Disease for Adult Pulmonologists in Different Diseases: Updates on Stem Cell Therapies and Transition of Care							
253B	New Horizons in COPD			New Frontiers: ARDS							
253C	Controversies in EBUS: A Pro-Con Debate			Malignant Central Airway Obstruction: A Primer							
254AB	Mediastinal Masses: Beyond Lung Cancer			Metabolic Health and PH: Current Understanding, Research Updates, and Future Directions							
255	The Future of Physician Compensation			Original Investigations in Medical Education							
256	New Paradigms in Treating Nicotine Dependence			Case Reports: Infections in Immunocompromised							
257AB	Cardiopulmonary Exercise Testing Pearls: Case-Based Interactive Session			Allergy and Airway: Triggers, Treatment and Toll of Disease							
258A	Management of Pulmonary and Pulmonary Vascular Disease in Pregnancy			COPD: State of the Art							
258B	Herding Even More Cats: Running Effective Rounds in the ICU			Boston Breaths: Navigating Pulmonary Embolism							
258C				Imaging of Chronic Thromboembolic Pulmonary Hypertension: A CHEST – Fleischner Society Session							
EXHIBIT HALL C	SIMULATION Nightmares on Airway Street – Physiologic Frights										
	SIMULATION Chronic Tracheostomy Care – Everything You Need to Know But Are Too Afraid to Ask										
	SIMULATION Airway Foreign Body Management										
	SIMULATION Bronchoscopic Management of Bleeding										
	SIMULATION Chest Tube Placement and Management										
	SIMULATION EBUS-Based Mediastinal Anatomy – Nodes, Vessels, and Landmarks										
	SIMULATION Critical Management of High-Flow Nasal Cannula Oxygen Therapy and Noninvasive Ventilation in Acute Respiratory Failure – A Hands-On Experience										
	SIMULATION Transesophageal Echocardiography for the Intensivist										
	Sessions highlighted in BLUE require additional registration. Inquire at Registration for details.										
	9:45 AM	10 AM – 11 AM			11 AM – 12 PM			12 PM – 1 PM			

See page 56 for schedule of lunchtime symposia.

See page
56 for
schedule of
lunchtime
symposia.

1:30 PM	1:30 PM – 2:30 PM	2:45 PM – 3:45 PM	4 PM – 5 PM	Room
	PROBLEM-BASED LEARNING Pleural Disease	PROBLEM-BASED LEARNING Using Race-Neutral Interpretation to Achieve Race-Conscious Practice	MEET THE PROFESSOR Clinical Trials Design	203
	Subsegmental PE, Blood Thinners, and Hypercoagulable States – Oh My!	American Association for Respiratory Care Vision for Excellence: APRT Integration, Workforce Strengthening, and Quality Assurance in Respiratory Care	Preinvasive Lung Cancer: An Update	204AB
	Pumping on Propofol: Caring for the Critically Ill Postpartum Patient	Critical Dermatology: Evaluation and Management of Life-Threatening Dermatologic Conditions	Post-ICU Care Syndrome: Burden, Challenges, and Opportunities for a Meaningful Recovery	205A
	Sleep Disturbance and Delirium in Critically Ill Patients: Best Practices	Management Strategies in Chronic Respiratory Failure: A Pro-Con Debate	A Deep Dive Into the World of Phrenic Nerve Stimulation	205B
	Sleep Disorders and Your Patient With COPD	From Pediatrics to Adulthood: Transitioning Your Pediatric Sleep Patients	Community-Acquired Pneumonia in Hospitalized Patients: Where Guidelines Meet Clinical Practice	205C
	Vaccination Challenges and Strategies for Viral Respiratory Infections in Adults	The Air They Breathe: Impact of Air Pollution Exposure on Patients With ILD	Pulmonary Rehabilitation: Role, Challenges, and the Future of Chronic Lung Diseases	206AB
	Precision Medicine in ILD – From Telomeres to Treatable Traits: Are We Ready? A Pro-Con Debate	Massive or Just Big? An Interactive PE Dynamic Discussion	Clinical Crossroads: Tackling Acute on Chronic Liver Failure in the ICU	210A
	The Crashed Status Asthmaticus Patient: A Choose Your Own Adventure Case-Based Review	ICU to Home: Initiating Long-Term Home Noninvasive Ventilation in the ICU	Gamifying Education: A Primer and Builder's Workshop	210B
	Practice-Changing Research in Education and Clinical Practice, Presented by <i>CHEST®</i> Journal	Sepsis Care That Is Antiracist	PE Response Team: A MOCK Discussion	210C
	Obstetric Emergencies for the Community Hospital Intensivist	Let's Go the Distance by Walking a Mile in Our Patients' Shoes: Listen With Us	Endemic Fungal Infections: State of the Art in Diagnosis and Treatment	253A
	Pulmonary Nodule Management and AI: From Deep Learning to Clinical Integration	Advances in Non-T2 Asthma	Being SMART With Asthma: Evidence-Based Perspectives	253B
	CT Lung Screening: Empowering Patients and Providers in Lasting Partnership for Lung Health	Watch or Intervene? Management of Slow-Growing Subsolid Lung Nodules	Hemodynamic Monitoring in Septic Shock	253C
	Nasty Clots and Surgical Knots: When Is Surgery an Option for Pulmonary Thromboembolism?	Pleural Disease in 2024: It's a Fluid Situation	Pneumothorax: Updates in Incidence, Management, and Multidisciplinary Treatment Options	254AB
	Pediatric Potpourri	Case Reports: Arrhythmias and Heart Blocks: Fast and Slow		255
	Beantown Breakthroughs: Advances in Pulmonary Hypertension	Case Reports: Interesting Lung Neoplasms	Dual Sentences: Health Disparities Affecting Incarcerated Patients in the Clinic and ICU	256
	Wake Up and Move: Empowering Early Mobility and Sedation Vacation in the ICU	Case Reports: Critical Illness from Unexpected Infections	Management of Pulmonary Diseases During Pregnancy: A Unique Challenge	257AB
	Malignant Pleural Effusions	Case Reports: Rare Pulmonary Manifestations of Systemic Disease	Inducible Laryngeal Obstruction: From Vocal Cord Dysfunction to Chronic Cough	258A
	Advances in Bronchiectasis	Case Reports: Unusual Pathology in Lung Diseases	When You're Through Improving, You're Through: Improving Quality and Leadership in the ICU	258B
	APCCMPD and CHEST Clinician Educator Forum: Graduated Responsibility, Effective Teaching in Fellows Clinic	APCCMPD and CHEST Clinician Educator Forum: Making the Checklist Make Sense – Procedural Competency Assessments in the Age of Changing ACGME Requirements	APCCMPD and CHEST Clinician Educator Forum: Developing a Regional Virtual Critical Care Fellowship Core Curriculum	258C
	SIMULATION Bronchoscopy-Assisted Percutaneous Tracheostomy Placement and Troubleshooting			EXHIBIT HALL C
	SIMULATION Ultrasonography to Facilitate Vascular Access, Pleural Procedures, and Paracentesis			
	SIMULATION Cardiopulmonary Exercise Testing With Focus on Test Performance and Interpretation			
	SIMULATION Mastering Ventilator Management in Acute Respiratory Failure - A Hands-On Experience			
	SIMULATION Advanced Critical Care Echocardiography			
	SIMULATION Bronchoscopy Grand Slam – Critical Skills and Complication Management Techniques			
	SIMULATION ECMO – When to Start, When to Stop, and Everything in Between			
	SIMULATION NEW! When the Puke Hits the Screen – Difficult Intubations			
		SIMULATION Mastering Home Ventilation in Neuromuscular Respiratory Failure		
	1 PM – 2 PM	2 PM – 3 PM	3 PM – 4 PM	4 PM – 5 PM

CHEST 2024 Program

MONDAY OCTOBER 7

Breakfast Symposia

Various Locations
6 AM – 7:30 AM

See page 56 for schedule

Women in Chest Medicine Luncheon

Room 156
12 PM – 1:30 PM

Sponsored by
United Therapeutics

Career Fair

North Lobby
4 PM – 6 PM

Networks Mixer

Ballroom
Pre-Function Area
5 PM – 6 PM

CHEST After Hours

Laugh Boston,
Westin Boston
Seaport District
6 PM – 8 PM

See page 32 for details

Dinner Symposium

Omni Boston
Seaport Hotel
6 PM – 9 PM

See page 56 for details

	8 AM – 9 AM				9:15 AM – 10:15 AM					11 AM – 12 PM				
Room														
203	PROBLEM-BASED LEARNING Personalized Sleep Apnea Therapy and Adherence				PROBLEM-BASED LEARNING Transplant Complications					PROBLEM-BASED LEARNING Peripheral Nodule Diagnostics				
204AB	Pasquale Ciaglia Memorial Lecture in Interventional Medicine				CHEST Health Equity Task Force Roundtable					Roger C. Bone Memorial Lecture in Critical Care				
205A	Psychological First Aid for the ICU Clinician				Managing Infections in Non-CF Bronchiectasis					Checkpointmate: Checkpoint Inhibitor Toxicity in the ICU				
205B	Exploring Duration Limits in Venovenous ECMO for ARDS				CHEST Guidelines: Transfusion of Blood Products in the ICU					Battle Royale: Who Will Reign Supreme in the Diagnosis of Lung Nodules?				
205C	Pulmonary Hypertension in Sleep Disorders				When Lung Cancer Gets Critical: What ICU Clinicians Need to Know About Complications of Lung Cancer					Hypoglossal Nerve Stimulation: What the Pulmonologist Needs to Know				
206AB	Referral to Listing Disease-Specific Considerations in Lung Transplantation				Caring for the Un(der)-Insured Patient With OSA					Hands-On Interactive Session on Airway Clearance Techniques and Devices in Bronchiectasis				
210A	It's Not Nice to Fib: Are There Any Truths to Atrial Fibrillation Management in the ICU?				Deep Phenotyping of Pulmonary Vascular Disease: PVDOMICS					ILD: A Patient Is Having Symptoms But FVC Looks Stable – Are We Really Treating the Patient?				
210B	Extrapulmonary Sarcoidosis: What the Pulmonologist Needs to Know				Case Studies in Interprofessional Difficult Airway Management: High-Risk Anatomy					Optimizing Mechanical Ventilation in Patients With Obesity: From Intubation to Liberation				
210C	Molecular Pathogen Detection in the Critically Ill				Hidden in Plain Sight: Diagnosing and Managing Sepsis in the Immunocompromised Patient					Pulm PEEPs: Interview with Maria Smilios – Black Angels (Live Podcast Recording)				
253A	Recent Advances in Non-CF Bronchiectasis				Beyond Diagnostic Yield in Peripheral Lung Nodules: Definitions, Challenges, and Solutions					The Freedom Trail: Landmark Studies in Pulmonary Hypertension				
253B	Digging for GOLD: Key Updates From the GOLD Document				Pro-Con Debate: Current Controversies in COPD					How to Survive the 2025 Zombie Apocalypse: ICU Disaster Planning				
253C	AI in ILD Imaging: The Future Is Here				Thoracic Ultrasound Advancements for the Assessment and Management of Pleural Disorders					Updates to the Asthma Diagnostic Toolbox: Bronchodilator Response, Bronchoprovocation Testing, FENO, and Oscillometry				
254AB	Health Disparities in Critical Illness in the United States				Case-Based Presentation of New CMS NIV Reimbursement Criteria: Singin' the RAD Type Rules					Hospital Sleep Medicine: Moving Beyond Outpatient Clinics				
255	Avoid Death by PowerPoint: Presentation Skills Development Workshop for Educators				Sail from Symptoms to Solutions: Innovations in Pulmonary Hypertension Screening and Diagnosis					Bridging Med Ed with Patient Safety in Critical Care Management				
256	Cracking the Critical Care Supply Chain: What Physician Leaders Need to Know				A Deeper Dive into Critical Care Outcomes in Cardiovascular Diseases					Navigating Sepsis: Unraveling Outcome Complexities				
257AB	Learn and Grow: How to Develop an Impactful and Meaningful APP Critical Care Training Program				Charting Tomorrow: Predictive Insights for Critical Illness and Respiratory Failure Challenges					Hot Topics in Cardio-Vascular Disease Management				
258A	Crossfire Debate: POCUS				Unturning Stones: Other Considerations in ILD					Lung Cancer Management: Benefits and Complications				
258B	The Right Device for the Right Patient: Controversy in Managing Hypoventilation – Pro-Con Debate				Advances and Insights in Bronchoscopic Techniques and Patient Outcomes					Respiratory Oscillometry and Canadian TB Standards: What's New and What You Need to Know – Canadian Thoracic Society				
258C	Pleural Disease, ILD and Sleep Medicine – Cutting Edge Updates from Early Career Faculty: Canadian Thoracic Society				Canadian Thoracic Society Honorary Lecture: How One Becomes a Sarcoidologist: A Tale of Serendipity, Community, and Mentorship									
3rd FLOOR FOYER	Evidence-Based Practices for Better Sleep With a Focus on Indigenous and Native American Culture													
7 AM – 9 AM SIMULATION Transesophageal Echocardiography for the Intensivist					9:30 AM – 12:30 PM SIMULATION Thoracic and Diaphragm Ultrasound for the Pulmonary Consultant									
7:15 AM – 9:45 AM SIMULATION Can't Intubate, Can't Oxygenate – EGA and Cricothyrotomy for the Failed Airway					10:30 AM – 12:30 PM SIMULATION Awake Intubation in the ICU, Now Guideline-Based – This Is Not the Bronch Suite									
EXHIBIT HALL C	8 AM – 9 AM SIMULATION NEW! Escape Room: Intubate This Patient – and Fast!				9:15 AM – 10 AM SIMULATION ▪ Chest Tube Placement and Management ▪ NEW! Escape Room: Intubate This Patient – and Fast! ▪ Tunneled-Indwelling Pleural Catheter – Placement, Management, and Complications				11 AM – 12 PM SIMULATION ▪ EBUS-Based Mediastinal Anatomy – Nodes, Vessels, and Landmarks ▪ NEW! Escape Room: Intubate This Patient – and Fast!					
					9:15 AM – 11:15 AM SIMULATION Mastering Ventilator Management in Acute Respiratory Failure – A Hands-On Experience									
					9:15 AM – 11:45 AM SIMULATION Cardiopulmonary Exercise Testing With Focus on Test Performance and Interpretation									
	Sessions highlighted in BLUE require additional registration. Inquire at Registration for details.				9:15 AM – 12:30 PM SIMULATION ▪ Bronchoscopic Evaluation and Management of Persistent Air Leaks ▪ NEW! Refractory Shock – When to Use Mechanical Circulatory Support									
									EXHIBIT HALL OPEN					
	8 AM – 9 AM				9 AM – 10 AM				10 AM – 11 AM		11 AM – 12 PM			

										1:30 PM – 2:30 PM										3:15 PM – 4:15 PM										4:30 PM – 5:30 PM										Room																														
										MEET THE PROFESSOR The Physician's Role in Advocacy										MEET THE PROFESSOR Evaluation and Management of Obesity Hypoventilation Syndrome										MEET THE PROFESSOR How to Give a Great Presentation										203																														
										Edward C. Rosenow III, MD, Master FCCP/ Master Teacher Endowed Honor Lecture																				Innovations on OSA and Obesity Management										204AB																														
										Critical Care of the Dying Patient: Evidence-Based End-of-Life Care and Communication in the ICU										Sleepless in the ICU: Recognizing Sleep Disorders in the Critically Ill Patient										Complex Liver-Lung Interactions in Pulmonary Vascular Disease: A Tale of Two Cities										205A																														
										Pulmonary Hypertension in COPD: What Do We Know and What Can We Do?										Nontuberculous Mycobacterium: A Crowd-Sourced Approach to Treatment Decision-Making										Debating About HAP/VAP Diagnosis										205B																														
										Hot Topics in 2024 on Community-Acquired Pneumonia: From Evidence to Practice										Addressing the Recall and Exit: Transitioning Between Modes on Home Mechanical Ventilators										Beyond Bronchodilators: Bronchoscopic Management of COPD										205C																														
										Durable Respiratory Assist Devices: The Future Is Closer Than We Think										Controversies in Pulmonary Function Testing										Pulmonary Vasculitis: Evolving Approaches in Diagnosis and Management										206AB																														
										Sleep Medicine Year in Review: Update on Respiratory Sleep Disorders 2024										Inhale the Innovation: New Horizons in Pulmonary Vascular Clinical Research										Sleep Medicine Review for the Pulmonary Boards										210A																														
										Medical Mimicry: Diseases That Resemble ARDS										Alcohol Withdrawal in the ICU: Are We Done With Benzodiazepines?										Honing Your Skills in Point-of-Care Ultrasonography Documentation, Quality Assurance, and Billing										210B																														
										Critical Care Year in Review: Part 1										Critical Care Year in Review: Part 2										Sepsis 2050: Future of Sepsis Care										210C																														
										In a Flash: Decoding ILD Pathology										Post-PACT Act Insights Into Deployment-Related Respiratory Illnesses										Origins of Adult Lung Disease: Role of Prematurity										253A																														
										Biologics in Asthma: Session 1 – Understanding Basics										Biologics in Asthma: Session 2 – Beyond the Basics										The Next Ice Age? Evaluating the Evidence Surrounding Bronchoscopy and Cryotechnology										253B																														
										Nodules, Nodules Everywhere: To Ablate or Not to Ablate?										Breaking Barriers: What the Pulmonologist Needs to Know About New Lung Cancer Systemic Therapies										Lung Pathology Review for Board Exams and for Daily Practice										253C																														
										Unraveling Multifocal Lung Cancer Complexities: Precision in Diagnosis, Staging, and Management										Pulmonary Nodules Around the World: Similarities and Differences in Diagnosis and Management										Lung Cancer for the Boards and Beyond – Part 1: From Diagnostic to Treatment										254AB																														
										Case Reports: Unusual Cardiac Infections: The Bug That Broke My Heart										AI in Medical Education: Hope, Hype, and a Rational Path Forward										POCUS Controversies in the ICU										255																														
										Case Reports: Unusual Causes of Hypoxemia and Respiratory Failure										Addressing Disparities in Lung Cancer Care										Superinfection in Viral Pneumonia: Challenges Highlighted by the COVID-19 Pandemic										256																														
										Case Reports: Precision Medicine in Lung Cancer										Management of Empyema: Basics and Beyond										Navigating Organ Donation: A Comprehensive Guide for Intensive Care Physicians and Team										257AB																														
										Case Reports: Intriguing Imaging										Diagnosis and Management of Cystic Fibrosis for Adult Pulmonologists																				258A																														
										Case Reports: Neuro(muscular) Critical Care										Right Patient, Right Settings: Targeted Strategies for Managing NIV in COPD, OHS, and NMD										Digital Technology to Care for Children Using Home Mechanical Ventilation: A New Frontier										258B																														
										Pro-Con Debate: Triple Inhaled Therapy Provides Benefits for Mortality in COPD – Canadian Thoracic Society										Towards Achieving Health Equity Across the Globe										The Vaping Epidemic: Call to Action										258C																														
																																								3rd FLOOR FOYER																														
										1:30 PM – 2:30 PM SIMULATION Bronchoscopic Management of Bleeding										3:15 PM – 5:15 PM SIMULATION Ultrasonography to Facilitate Vascular Access, Pleural Procedures, and Paracentesis																				EXHIBIT HALL C																														
										1:30 PM – 4:30 PM SIMULATION Comprehensive Endobronchial Ultrasound and Transbronchial Needle Aspiration (EBUS-TBNA)																																																												
										1:30 PM – 3:30 PM SIMULATION • Patient-Ventilator Dyssynchrony – Improving Clinical Decision-Making • Care of the Pulmonary Patient With Home Noninvasive Ventilation																																																												
																				2:30 PM – 5:30 PM SIMULATION • Echocardiography for the Rapid Assessment of Hemodynamic Failure • ECMO – When to Start, When to Stop, and Everything in Between • Stop the Crash – Applying Airway, Ultrasound, and Mechanical Ventilation Skills to the Unstable Patient																																																		
										Rapid Fire Original Investigations: 10:20 AM – 10:50 AM and 1:45 PM – 2:30 PM Case Report Posters: 12:30 PM – 1:15 PM Rapid Fire Case Reports: 12:30 PM – 1:15 PM Learning Theater Presentations: 10:15 AM – 11 AM, 12:15 PM – 1 PM, and 2:30 PM – 3:15 PM																																																												
										12 PM – 1 PM										1 PM – 2 PM										2 PM – 3 PM										3 PM – 4 PM										4 PM – 5 PM										5 PM – 5:30 PM										

CHEST 2024 Program

TUESDAY OCTOBER 8

Breakfast Symposia

Various Locations

6 AM – 7:30 AM

See page 56 for schedule

5K Run/Walk

Castle Island
2080 William J.
Day Blvd.
6:45 AM

CHEST Respiratory Care Luncheon

Room 156
12:30 PM – 2 PM

Sponsored by The National
Board for Respiratory Care

Cultures and Communities Reception

Omni Boston Hotel
Seaport
6:45 PM – 7:45 PM

Sponsored by Chiesi

CHEST Challenge Championship

Ballroom
8 PM – 9:15 PM



	7 AM – 8 AM	8 AM – 9 AM	9:15 AM – 10:15 AM	10:15 AM – 11:15 AM
Room				
203		PROBLEM-BASED LEARNING ARDS	PROBLEM-BASED LEARNING Mastering Biologics in Asthma	
204AB		Acute Pulmonary Embolism Management: Comparative Analysis of International Guidelines: Similarities, Differences, and Gaps	Controversies in Airway Management 2024: A Crossfire Debate	
205A		Mastering the Art of Setting NIV: It's More Than IPAP and EPAP	Care of the Transgender Patient: From Terminology to Clinics to ICUs	
205B		Right Ventricular Failure Continuum: From Home to the ICU	Extracorporeal Life Support in ARDS	
205C		Wildfires, Your Patients, and You: Fires, Firefighting, Facemasks, and Filters	Bench to Bedside in ICU Delirium	
206AB		Practice-Changing Research in Pulmonary Vascular Disease, Presented by CHEST® Journal	Be the Change: Lessons Learned From Sleep Health Advocates	
210A		Overcoming Post-PE Challenges	Pardon the Disruption: Controversies in Medical Education	
210B		Comparison of GINA and EPR-4 Asthma Guidelines: Differences and Challenges – Literature Review	Controversies in Airway Management 2024: A Crossfire Debate	
210C		Richard S. Irwin, MD, Master FCCP Honor Lecture	Hemodynamic Assessment in Pulmonary Arterial Hypertension	
253A		ILD in Women: Addressing Unique Challenges	Black Lung, Builders, and Black Beauty: Old Diseases, New Exposures in Occupational Lung Disease	
253B		Pulmonary Infections Clinical Case Puzzlers	Pulmonary Malignancies I Clinical Case Puzzlers	
253C		Impact of Frailty in Respiratory Outcomes	Hot Topics in Neuromuscular Respiratory Failure: Pregnancy, When/If Tracheostomy, and Asthma/COPD	
254AB		Unraveling the Controversies With Asthma-COPD Overlap	Case-Based Approach to Managing Sleep Disorders in the Hospital: Nonrespiratory Sleep Disorders	
255		Fierce Feedback: The Art of Giving Feedback in Difficult Situations Using Forum Theater	Advanced Insights into Cardiomyopathies	
256		The National Board of Echocardiography Certification in Advanced Critical Care Echocardiography	Sleep Disordered Breathing in Special Populations	
257AB		Updates in Pediatric Pulmonary: Year in Review	Lung Cancer Screening, Diagnosis and Staging	
258A		What Clinicians Should Know About the Legal Aspects of Sleep Disorders	Breakthroughs in Genomics and Biomarkers in IPF	
258B		Pace, Patch, Plicate, or Patience: Diagnostic and Therapeutic Challenges in Diaphragm Dysfunction	TB or NOT To Be	
258C		Dominant Respiratory Issues Across the Globe	AABIP - Establishing a Comprehensive Pleural Service: A Guide for Non-Interventional Pulmonologists	
EXHIBIT HALL C	7 AM – 10 AM SIMULATION Thoracic and Diaphragm Ultrasound for the Pulmonary Consultant		9:15 AM – 12:15 PM SIMULATION Bronchoscopic Evaluation and Management of Persistent Air Leaks	
	7:15 AM – 9:15 AM SIMULATION Awake Intubation in the ICU, Now Guideline-Based – This Is Not the Bronch Suite			
	8 AM – 9 AM SIMULATION EBUS-Based Mediastinal Anatomy – Nodes, Vessels, and Landmarks		9:15 AM – 10:15 AM SIMULATION Tunneled-Indwelling Pleural Catheter – Placement, Management, and Complications	
			9:15 AM – 11:15 AM SIMULATION - Care of the Pulmonary Patient With Home Noninvasive Ventilation - Patient-Ventilator Dyssynchrony – Improving Clinical Decision-Making - Ultrasonography to Facilitate Vascular Access, Pleural Procedures, and Paracentesis	
	8 AM – 11 AM SIMULATION ECMO – When to Start, When to Stop, and Everything in Between			
	Sessions highlighted in BLUE require additional registration. Inquire at Registration for details.			EXHIBIT HALL OPEN
	7 AM – 8 AM	8 AM – 9 AM	9 AM – 10 AM	10 AM – 11 AM

11:15 AM – 12:15 PM				12:15 PM – 2:45 PM								2:45 PM – 3:45 PM				4 PM – 5 PM				Room			
MEET THE PROFESSOR Setting Up a Lung Cancer Screening Program				Visit the Exhibit Hall for educational games, the Experience CHEST booth, and more.								PROBLEM-BASED LEARNING Submassive PE Right Heart Failure				MEET THE PROFESSOR Interpreting Lung Nodules				203			
Airways Disorders Network Session												Interstitial Lung Abnormality: A CHEST – Fleischner Society Session				Cultural Humility Improving Patient Outcomes – 5 Minutes at a Time				204AB			
Thoracic Oncology and Chest Procedures Network Session												Palliative Care as an Early Intervention: PalliPulm				What Should Clinicians Know About Pulmonary Disorders and Air Travel?				205A			
Chest Infections and Disaster Response Network Session												Airways to Dreamways: The Complex and Often Bidirectional Nature of Pulmonary and Sleep Disorders				Extracorporeal Cardiopulmonary Resuscitation: Is My Patient a Candidate?				205B			
Diffuse Lung Disease and Lung Transplant Network Session												Perioperative Care of Patients With Cardiothoracic Diseases: Much More Than Clearing a Patient				Lung Transplant Medicine for the Nontransplant Pulmonologist				205C			
Pulmonary Vascular and Cardiovascular Network Session												Central Airway Obstruction – From Guidelines to Bedside				Long-Term Pulmonary Complications of Long COVID				206AB			
Critical Care Network Session												Liver and Kidney Transplantation for the Intensivist Care Physician				Mock Multidisciplinary Discussion in ILDs: To Biopsy or Not				210A			
Sleep Medicine Network Session												Catch Your Breath: A Pro-Con Debate on Controversies of ARDS Management				Bronchoscopy: An Inspiring History of Evolution and Innovation				210B			
												My Patient With PH ILD Is Doing Worse: What Is Going On and What Should I Do?				Cutting to the Heart of Sepsis: The Many Faces of Cardiac Dysfunction in Sepsis and Septic Shock				210C			
												Long-Term NIV in COPD: Multidisciplinary Perspectives on Challenges and Benefits in Sleep and Beyond				Precision Medicine for Sleep Disorders in Women				253A			
Practical Strategies for Reducing the Climate Impact of the ICU				Pulmonary Vascular Disease Clinical Case Puzzlers				CHEST Guidelines on Biologics for Severe Asthma: Evidence, Recommendations, and Clinical Implications				253B											
Balancing pH Dynamics: Unveiling the Role of Buffering Solutions in the ICU				Lung Cancer for the Boards and Beyond Part 2: Patient Evaluation, Staging and Early Intervention				Should the American Cancer Society's 2023 Lung Cancer Screening Guidelines Be Implemented?				253C											
The Failing Heart: Devices to the Rescue				Circadian Rhythms for the Chest Clinician: Pulmonary Disease, Critical Care, and Cancer				Personalized Approach to Malignant Pleural Effusions				254AB											
PEEPs Talking PAP: Interactive Case-Based Discussions in Home Ventilation				Case Reports: Machines and Devices in the ICU				Education on the Fly: Tools to Create Successful Chalk Talks in Multiple Settings				255											
Life, Dignity, and the Pursuit of Happiness				Case Reports: Cardiac Critical Care				Best of CHEST Journals, Presented by CHEST®, CHEST Critical Care, and CHEST Pulmonary				256											
Advances in Chest Imaging				Case Reports: Congenital Pulmonary Vascular Cases				Effects of Obesity on Lung Function and Respiratory Diseases				257AB											
Advances in Epidemiology, Environmental Influences, and Artificial Intelligence in Pulmonary Medicine				Case Reports: Novel Bronchoscopic Therapeutics and Interventions				Controversies for the Management of Acute PE				258A											
Outcomes in Chest Infection				Case Reports: Pleural Disease Zebras				PAP Downloads Beyond the Basics and Utility of Telemonitoring				258B											
Advances in Autoimmune ILD				AABIP – When the Specialist Isn't Around: IP Emergency Management Techniques for the General Pulmonologist – A Case-Based Discussion				AABIP – From Hands-On to High-Tech: Navigating Fellowship Training in the Age of Robotic Bronchoscopy				258C											
				1:45 PM – 2:45 PM SIMULATION - Bronchoscopic Management of Bleeding - Chest Tube Placement and Management								2:45 PM – 4:15 PM SIMULATION Critical Management of High-Flow Nasal Cannula Oxygen Therapy and Noninvasive Ventilation in Acute Respiratory Failure – A Hands-On Experience				EXHIBIT HALL C							
10:15 AM – 12:45 PM SIMULATION Bronchoscopic Evaluation and Management of Persistent Air Leaks																							
10:15 AM – 1:15 PM SIMULATION Advanced Critical Care Echocardiography																							
				2 PM – 5 PM SIMULATION - Nightmares on Airway Street – Anatomic Atrocities - Echocardiography for the Rapid Assessment of Hemodynamic Failure																			
												2:45 PM – 3:45 PM SIMULATION Airway Foreign Body Management											
Rapid Fire Original Investigations: 10:20 AM – 11:05 AM and 1:45 PM – 2:30 PM Case Report Posters: 10:20 AM – 11:05 AM Rapid Fire Case Reports: 12:30 PM – 1:15 PM Global Case Report Posters: 1:45 PM – 2:30 PM Original Investigation Posters: 1:45 PM – 2:30 PM Learning Theater Presentations: 10:30 AM – 11:15 AM, 12:30 PM – 1:15 PM, and 2 PM – 2:45 PM																							
11 AM – 12 PM				12 PM – 1 PM				1 PM – 2 PM				2 PM – 3PM				3 PM – 4 PM				4 PM – 5 PM			

CHEST 2024 Program

WEDNESDAY OCTOBER 9



	8 AM – 9 AM					9:15 AM – 10:15 AM				10:15 AM – 11:15 AM			
Room													
203	MEET THE PROFESSOR Interventional Pulmonary					PROBLEM-BASED LEARNING Non-Group 1 Pulmonary Hypertension Management							
204AB	Mark J. Rosen, MD, Master FCCP Endowed Memorial Lecture					Margaret Pfrommer Endowed Memorial Lecture in Home-Based Mechanical Ventilation							
205A	Guideline Development at CHEST for Beginners and Experts					What's New in Pulmonary Vascular Disease: Insights From the 7th World Symposium on PH							
205B	What's the Volume Status? Pragmatic Methods for Hemodynamic Assessment of Fluid Tolerance					Management of Cerebral Edema and Intracranial Pressure Crisis in the ICU							
205C	Central Sleep Apnea: Understanding and Managing Complex Cases					Fluid Dynamics: Navigating Controversies in Fluid and Pressor Use in Critically Ill Patients							
206AB	Practice-Changing Research in Critical Care, Presented by CHEST® Journal					Preserved But Failing: Emerging Perspectives on Heart Failure With Preserved Ejection Fraction							
210A	The Emergence of AI in Health Care: Where We Are and Where We Are Going					A New Era: Addressing Monumental Withdrawal of Sleep and Respiratory Care Products in USA							
210B	Novelties and Controversies in Massive Hemoptysis Management					Updates From Clinical Practice Guidelines for Severe ARDS							
210C	Air Health, Our Health: Your Career and Climate Change (Live Podcast Recording)					Recognition and Risk Stratification of Interstitial Lung Abnormalities: Canary in a Coal Mine?							
253A	Defining Disease Modification in Pulmonary Arterial Hypertension					Role of AI in Chest Infections							
253B	Impact of Race in Pulmonary Function Testing: Continuing the Conversation					Biomarkers for Lung Nodule Risk Stratification: Are We There Yet?							
253C	Pulmonary Malignancies II Clinical Case Puzzlers					Pleural Diseases Clinical Case Puzzlers							
254AB	Mastering the Nuances: Navigating NIV Settings and Downloads					Challenging Questions in OSA Management: Experts Share Their Approaches							
255	Lung Transplantation: Donor Allocation to Recipient Management: Exploring Breakthroughs and Challenges					Novel Education in the ICU							
256	New Frontiers in Sleep Disordered Breathing Diagnostics and Treatment					Mind the Gap: Gender Disparities in Academic PCCM Medicine							
257AB	Novel Sepsis Diagnostics and Therapies: Pioneering New Paths in Patient Care					Insights and Innovation in Precision Mechanical Ventilation Strategies							
258A	Breath of Freedom: Unlocking Ventilator Weaning Strategies					Innovative Practices in Pulmonary Procedures: Enhancing Care from Diagnosis to Treatment							
258B	COPD: Management Considerations Beyond FEV1					Improving Outcomes in Obstructive Lung Disease							
258C	Who Should Run a Modern Cardiac ICU? A Debate and Discussion					APPeasing Imposter Syndrome: How Advanced Practice Providers Can Stop Faking It 'Till They Make It							
									EXHIBIT HALL OPEN				
	8 AM – 9 AM				9 AM – 10 AM				10 AM – 11 AM				

11:15 AM – 12:15 PM				12:15 PM – 2:15 PM								2:15 PM – 3:15 PM				3:30 PM – 4:30 PM				Room			
PROBLEM-BASED LEARNING Using CPET to Solve Your Difficult Cases				Visit the Exhibit Hall for educational games, the Experience CHEST booth, and more.								MEET THE PROFESSOR The Changing Landscape of Noninvasive Ventilation in 2024								203			
Principles of Heat Stroke: Management of Critically Ill Hot Patients as the Climate Changes												Protecting the People’s (Right) Ventricle in ARDS				The Awake and Walking ICU: Role of Early Rehabilitation in the ICU and Mastery of ABCDEF Bundle				204AB			
OSA Endotypes, Hypoxic Burden, and Oral Appliances in OSA Treatment												Unraveling the Intensity: The Art of De-Escalating ICU Care				Updates in Diagnosis of Death by Neurologic Criteria				205A			
Challenging NTM Cases												Airway Complications in Lung Transplantation: Prevention and Management				Hypercapnic COPD Management for Pulmonary and Sleep Providers: From ICU to Home				205B			
Tracheostomies: State of the Art												Cough: Perspectives on Evidence-Based Approach to Diagnosis and Management				Evaluation and Treatment of Exercise Intolerance and Fatigue in Patients With Long COVID: Where Are We Now?				205C			
All About Air Pollution: Airways, Alveoli, AQL, and Air Cleaning												Beyond Inhalers: Therapeutics for Advanced COPD				Biologics and Maintenance Therapy in Severe Asthma: A Pro-Con Debate				206AB			
Hospital-Acquired Sepsis: Should I Be Worried?												A Bridge Too Far: ECMO Initiation in Times of Uncertainty				ILD in the Real World: Barriers and Solutions				210A			
Addressing Patient-Ventilator Dyssynchrony: A Key Challenge for Ventilated Patients												Trauma Psychiatry for the ICU Clinician				The Underdogs in Septic Shock Management: A Case-Based Discussion				210B			
The Curious Clinicians: Living on a Lung (Live Podcast Recording)												Controversies in ILD: A Pro-Con Debate				Pulmonary Function Crossfire: The Intersection of Physiology and Clinical Medicine				210C			
Insights Into Asthma Plus Entities: Think Outside the Box and Focus on Eosinophilic Lung Diseases												Physiology for Two: Caring for the Critically Ill Pregnant Patient				LungRADS Category S: What the Pulmonologist Needs to Know About Incidental Findings				253A			
A Case-Based Discussion on Neoadjuvant Therapeutic Considerations in Resectable Lung Cancer												Building a Lung Cancer Survivorship Program: Priorities, Design, and Challenges				Management of Tracheostomy Complications				253B			
Diffuse Lung Disease Clinical Case Puzzlers												Management of Refractory Nonmalignant and Nonsurgical Pleural Effusions: When All Else Fails				A Breath of Fresh Air: Bronchoscopic Interventions for Patients With COPD				253C			
Obesity Hypoventilation Syndrome: A Wicked Tough Challenge												Head Scratchers in Sleep Medicine								254AB			
Case Reports: Pulmonary Infections: Bag of Mixed Bugs																				255			
Case Reports: Endocrine Emergencies in the ICU																				256			
Case Reports: Top Cardiovascular Surgical Cases																Management of Pulmonary Arterial Hypertension in the ICU: How to Keep the RV Happy				257AB			
Case Reports: Breathing Complexities in Systemic Disease																Critical Care Transesophageal Ultrasound: Does it Add Value to Cardiac Arrest and Shock?				258A			
Case Reports: Diffuse Lung Diseases: Uncommon Presentations																Bronchoscopy in High-Risk Patients				258B			
Healing Our Healers: Building a Program to Manage Second Victim Syndrome, Stress, and Burnout																				258C			
Original Investigation Posters: 10:20 AM – 11:05 PM Case Report Posters: 12:30 PM – 1:15 PM Rapid Fire Case Reports: 10:20 AM – 11:05 PM and 12:30 PM – 1:15 PM Learning Theater Presentations: 10:30 AM – 11:15 AM, 12:30 PM – 1:15 PM, and 2 PM – 2:45 PM																							
11 AM – 12 PM				12 PM – 1 PM				1 PM – 2 PM				2 PM – 3PM				3 PM – 4 PM				4 PM – 4:30 PM			

New FCCCP Initiates

Class of
2024

CONGRATULATIONS TO THE CHEST MEMBERS WHO OBTAINED THE

Fellow of the American College of Chest Physicians (FCCP) designation over the last year. Pursuit of FCCP demonstrates excellence in chest medicine and symbolizes commitment as a leader at the forefront of clinical chest medicine. Over the past year, CHEST awarded 168 FCCPs, representing 14 countries and 37 of the 50 United States.

This year's new initiates will be recognized during the Opening Session on Sunday, October 6, at 8 AM. Please join us in recognizing them.*

A

Farrukh Abbas, MD, FCCP
Nathalie AbiHatem, MD, FCCP
Ayham Aboeed, MD, FCCP
Faraz Afridi, MD, FCCP
Mohammed Al-Charakh, MD, FCCP
Lewis Aldred, MD, FCCP
Jafar Aljazeera, MD, FCCP
Saud Almugaiteeb, RRT, MBA, FCCP

B

Samantha Baah, MD, FCCP
Archana Babu Rao, MBBS, FCCP
Jyoti Bajpai, MD, FCCP
Gurpreet Bambra, MD, MBBS, FCCP
Umang Barvalia, MD, FCCP
Jeffrey Biberston, DO, FCCP
Isaac Biney, MBChB, FCCP
Angela Birdwell, DO, MA, FCCP
Saptarshi Biswas, MD, FCCP
Alex Botsch, APRN-BC, MSN, FCCP
Casey Bryant, MD, FCCP
Mihir Buch, DO, FCCP

C

Roberto Casal, MD, FCCP
Alex Cedeno-Rodriguez, MD, FCCP
James Chang, DO, FCCP
Foteini Chatzivasiloglou, MD, MSc, FCCP
Aakanksha Chawla, MD, FCCP
Hau Chieng, DO, FCCP
Christine Cook, MD, FCCP

D

Niccolò Daddi, MD, PhD, FCCP
Dushyant Damania, MD, FCCP
Hem Desai, MBBS, FCCP
Mehul Desai, MD, FCCP
Amanda Dexter, RRT, MSc, FCCP
Manjit Dhillon, MD, FCCP
Raiko Diaz, DO, FCCP
Kha Dinh, MD, FCCP
Dayton Dmello, MD, FCCP
Kenneth D'Souza, MD, FCCP
Natasha Dudiki, MD, FCCP
Kara Dupuy-McCauley, MD, FCCP

E-F

Allen Elster, MD, FCCP
Rania Farhat, MD, FCCP
Katie Fitton, DO, FCCP
Nathalie Foray, DO, FCCP

G

Abhishek Gadre, MD, FCCP
Lymaris Garcia, MD, FCCP
Orlando Garner, MD, FCCP
Ashley Mae Gillson, MD, FCCP
Badri Giri, MD, FCCP
Meredith Greer, MD, FCCP
Goutham Gudavalli, MD, FCCP
Pawan Gupta, MD, FCCP
Sushilkumar Gupta, MD, FCCP

H

Mohamed Faisal Abdul Hamid, MBBS, FCCP
Irfan Haq, MBBS, FCCP
Jeffrey Haynes, RRT, FCCP
Jason Henderson, DO, FCCP
Ayelet Hilewitz, MD, FCCP
Maxwell Hockstein, MD, FCCP
James Horowitz, MD, FCCP
Nai-Chien Huan, MBBS, FCCP
Mousa Hussein, MD, FCCP

I-J

Firas Ido, MD, FCCP
Valentine Ifeacho, MD, FCCP
Asma Iftikhar, MD, FCCP
Peter Ogie Ikuabe, MD, MBBS, FCCP
Muhammad Imran, MBBS, FCCP
Kapil Iyer, MBBS, FCCP
Enambir Josan, MD, FCCP

K

Abdullah Kadan, MD, MBA, FCCP
Shane Kappler, MD, FCCP
Mithun Karot, MD, FCCP
Sunjeet Kaur, MD, FCCP
Alanna Elizabeth Kavanaugh, EdD, CCRN, FCCP
Yaser Kavar, MD, FCCP
Anmol Kharbanda, MBBS, FCCP

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Pascal Kingah, MD, FCCP
Mutsumi Kioka, MD, FCCP
Melissa Knauert, MD, PhD, FCCP
Ashley Knox, FNP, FCCP
Lavanya Kodali, MD, FCCP
Sashank Kolli, MD, MBBS, FCCP
Venkateswara Kolipara, MD, FCCP
Sheila Krishnan, DO, FCCP
Ankit Kumar, MD, FCCP
Rahul Kumar, MD, FCCP
Vineeth Kumar, MD, FCCP

L

Julio Lanfranco, MD, FCCP
Michael Lau, MD, FCCP
Justin Lui, MD, FCCP
Denyse Lutchmansingh, MD, MBBS, FCCP
Sanjiva Lutchmedial, MD, FCCP

M

Muhammad Irfan Malik, MBBS, FCCP
Brian Malte, MD, FCCP
Adrien Mazer, MD, MBA, FCCP
Mohammed Megri, MD, FCCP
Hemal Mehta, MD, FCCP
Shaiva Meka, DO, FCCP
Essam Mekhaie, MD, FCCP
Nabil Mesiha, MD, FCCP
Sara Mirza, MD, FCCP
Lina Miyakawa, MD, FCCP
Sarah Mobbs, FNP-BC, FCCP
Patrick Moon, MD, FCCP
Lillie Morgan, MD, FCCP
Erika Mosesón, MD, FCCP
Prerna Mota, MD, FCCP

N-O

Amjad Nader, MD, FCCP
Santosh Nepal, MD, FCCP
Larry Nguyen, DO, FCCP
Shawn Nishi, MD, FCCP
Stella Ogake, MD, FCCP
Khawaja Omar, MD, FCCP
Anthony Otekeiwebia, MD, FCCP
Yomayra Otero, MD, MS, FCCP

P-Q

Suneet Pahwa, MD, MBBS, FCCP
Amin Pasha, MD, MBBS, FCCP
Killol Patel, MD, MBBS, FCCP
Priya Patel, MD, FCCP
Chetana Pendkar, MBBS, FCCP
Dominique Pepper, MD, MBChB, FCCP
Suchitra Pilli, MD, FCCP
Nicholas Poponea, DO, FCCP
Radu Postelnicu, MD, FCCP
Akshaya Pradhan, MBBS, FCCP
Natasha Pradhan, MBBS, FCCP
Syed Quadery, MD, MBBS, FCCP

R

Ajai Rajabalan, MD, FCCP
Saranya Rajasekar, MD, FCCP
Pooja Raju, MD, BSc, FCCP
Parth Rali, MD, MBBS, FCCP
Garrett Rampon, MD, FCCP
Nakul Ravikumar, MD, FCCP
Errold Reid Jr., MD, FCCP
Noah Reisman, MD, FCCP
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S

Sadia Saber, MBBS, FCCP
Ahmed Sagasli, MD, FCCP
Haritha Saikumar, MD, FCCP
Tarek Saleh, MD, FCCP
James Salonia, MD, FCCP
Sameh Samuel, MBChB, FCCP
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Audra Schwalk, MD, MBA, FCCP
Muhammad Shafi, MD, FCCP
Munish Sharma, MD, FCCP
Michelle Sharp, MD, FCCP
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Neeraj Sinha, MD, FCCP
Patrick Smith, DO, BA, FCCP
Sanjay Somashekhar, MD, FCCP
Charles Stahlmann, DO, FCCP
Sai Sunkara, MD, FCCP
Kevin Swiatek, DO, FCCP

T

Chad Tao, MD, FCCP
Vikhyath Terla, MBBS, FCCP
Meilinh Thi, DO, FCCP
Jesse Tucker, MD, MPH, FCCP
Charity Tumangday, MD, FCCP
Meredith Turetz, MD, FCCP

V-Z

Kasiram Goli Venkata, MD, FCCP
Maria Philina Villamor, MD, FCCP
Rahim Wooley, MD, FCCP
Eugene Yuriditsky, MD, FCCP
Mohammed Zaidan, MD, FCCP
Gabriel Zaietta, MD, FCCP
Daniel Zapata, MD, FCCP
Jocelyn Zee, DO, FCCP

*List accurate as of July 31, 2024

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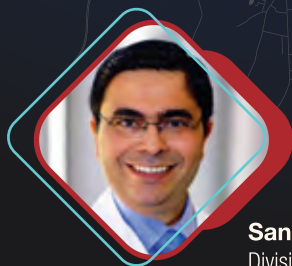
OCTOBER 7TH 6PM



Anthony Hickey, PhD
University of North Carolina at Chapel Hill
(Professor Emeritus)
Chapel Hill, NC



Jennifer H Keeley, DNP, ANP-BC
Allegheny General Hospital
Allegheny Health Network
Pittsburgh, PA



Sandeep Sahay, MD, MSc, FCCP
Division of Pulmonary, Critical Care & Sleep Medicine
Houston Methodist Hospital
Houston, TX

This event brings together renowned experts and experienced clinicians at the forefront of PAH and PH-ILD care and research. We aim to review clinical evidence related to inhaled prostacyclin therapy and discuss patient selection, side effect management, transitions between different formulations, and drug-device technical characteristics.



REGISTER HERE

This is a non-CME event and does not qualify for CME, CE, or MOC credit. This event is not part of the official CHEST Annual Meeting 2024 conference sessions. This event is not endorsed by CHEST and does not reflect the views or opinions of CHEST.

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**Medical
Affairs**

Honor and Memorial Lectures

The Honor and Memorial Lectures at CHEST 2024 recognize individuals who are advancing chest medicine, mentorship, training, and more. Ahead of the annual meeting, the chest medicine community nominates these honorees to deliver lectures on topics including critical care, interventional medicine, mechanical ventilation, medical education, and COPD. Lectures are spread out over all four days of the meeting program, giving attendees the opportunity to hear each of the honorees' unique perspectives.

Sunday, October 6

9:45 AM – 10:45 AM

Thomas L. Petty, MD, Master FCCP Endowed Memorial Lecture

James D. Crapo, MD, FCCP
Understanding Novel Pathways in the Pathogenesis of COPD and Opportunities to Develop New, Effective Therapies
Room 204AB

The lecture is supported by CHEST and generous gifts from our members.



11 AM – 12 PM

Murray Kornfeld Presidential Honor Lecture

Ryan C. Maves, MD, FCCP
Vaccines for Respiratory Infections: Past, Present, and Future
Room 204AB

The lecture is supported by CHEST and generous gifts from our members.





SUPPORT OF THE PROFESSION

Do you want to support excellence in education and invest in your peers' research, clinical practice advancements, and commitment to chest medicine? Scan the QR code or go to chestnet.org/donate to make a gift. Select "Support of the Profession" to help us enhance and expand Honor and Memorial Lectures at future annual meetings.

Monday, October 7

8 AM – 9 AM

Pasquale Ciaglia Memorial Lecture in Interventional Medicine

J. Francis Turner Jr., MD, FCCP

Standing on the Shoulders of Giants

Room 203

The lecture is supported by CHEST and generous gifts from our members.



9:15 AM – 10:15 AM

Canadian Thoracic Society Honorary Lecture

Meyer S. Balter, MD, FCCP

How One Becomes a Sarcoidologist: A Tale of Serendipity, Community, and Mentorship

Room 258C



11 AM – 12 PM

Roger C. Bone Memorial Lecture in Critical Care

Laura Evans, MD, FCCP

Protocolized or Personalized Care for Sepsis: Is There Really a Conflict?

Room 203

The lecture is supported by CHEST and generous gifts from our members.



1:30 PM – 2:30 PM

Edward C. Rosenow III, MD, Master FCCP/Master Teacher Endowed Honor Lecture

Clayton T. Cowl, MD, FCCP

Navigating the Administrative Aspects of Pulmonary Disease: Evaluating Patients When Compensation is in Question

Room 204AB

The lecture is supported by CHEST and generous gifts from our members.



Tuesday, October 8

8 AM – 9 AM

Richard S. Irwin, MD, Master FCCP Honor Lecture

Danielle K. McCamey, DNP, ACNP-BC, FCCP

Breathing New Life Into Patient-Centered Care: A Shift to Advance Health Equity Through Human Equity

Room 210C

The lecture is supported by CHEST and generous gifts from our members.



Wednesday, October 9

8 AM – 9 AM

Mark J. Rosen, MD, Master FCCP Endowed Memorial Lecture

Sandhya Khurana, MD, FCCP

Breathing Easier: The Evolution and Future of Asthma Care

Room 204AB

The lecture is supported by CHEST and generous gifts from our members.



9:15 AM – 10:15 AM

Margaret Pfrommer Endowed Memorial Lecture in Home-Based Mechanical Ventilation

David J. Birnkrant, MD, FCCP

Duchenne Muscular Dystrophy, Then and Now: Lessons from Respiratory Medicine

Room 204AB

The lecture is jointly supported by CHEST and the International Ventilator Users Network of Post-Polio Health International.



2024 Award Winners

Each year, CHEST recognizes members who are making an impact—through their dedication to the organization, by their contributions to medical research and clinical practice, through their commitment to educating the next generation, and so much more. Join us in recognizing the 2024 award recipients at the Opening Session at 8 AM on Sunday, October 6.



MASTER FCCP

Neil R. MacIntyre, MD, FCCP



DISTINGUISHED SERVICE AWARD

Carolyn M. D'Ambrosio, MD, FCCP



COLLEGE MEDALIST AWARD

Raymond L. Benza, MD, FCCP



EARLY CAREER CLINICIAN EDUCATOR

Abdullah Alismail, RRT-NPS, PhD, FCCP



EARLY CAREER CLINICIAN EDUCATOR

Lauren A. Tobias, MD, FCCP



MASTER CLINICIAN EDUCATOR

Gregory A. Schmidt, MD, FCCP



ALFRED SOFFER AWARD FOR EDITORIAL EXCELLENCE

Fabien Maldonado, MD, FCCP

Network Rising Star Awards

The Network Rising Star Award, established in 2024, was created to recognize the contributions of an early career clinician practicing in their respective area under CHEST's Network structure. This award recognizes individual contributions in the areas of clinical care, education, research, and/or other scholarly activity, and someone who has shown growth and potential within the Network and CHEST. These individuals will be recognized during their respective Network Open Forums from 11:15 AM to 12:15 PM on Tuesday, October 8.



AIRWAYS DISORDERS NETWORK

Megan Conroy, MD, MEd, FCCP



CHEST INFECTIONS AND DISASTER RESPONSE NETWORK

Jamie Felzer, MD, MPH



CRITICAL CARE NETWORK

Casey A. Cable, MD, MSc, FCCP



DIFFUSE LUNG DISEASE AND LUNG TRANSPLANT NETWORK

Bathmapriya Balakrishnan, MD, FCCP



PULMONARY VASCULAR AND CARDIOVASCULAR NETWORK

Gaurav Manek, MD



SLEEP MEDICINE NETWORK

Kara L. Dupuy-McCauley, MD, FCCP



THORACIC ONCOLOGY AND CHEST PROCEDURES NETWORK

Jeffrey Thiboutot, MD

Experts vs AI Challenge

Diagnosing and Managing **Nontuberculous Mycobacterial Lung Disease**

Monday, October 7, 2024

6:00–6:30 AM EDT: Registration & Breakfast

6:30–7:30 AM EDT: In-Person & Virtual Symposium

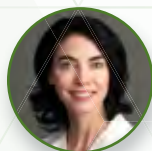
Omni Boston Hotel at the Seaport

Momentum D (Level 5)

450 Summer Street, Boston, MA



Pre-Register
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CHAIR & PRESENTER

Pamela J. McShane, MD

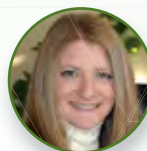
The University of Texas at Tyler
Tyler, Texas



PRESENTER

Colin Swenson, MD

Emory University School of Medicine
Emory St. Joseph's Hospital
Atlanta, Georgia



PRESENTER

Wendi Drummond, DO, MPH

Providence Portland Medical Center
Providence Medical Group
Oregon Health and Science University
Portland State University School of
Public Health
Portland, Oregon



Register online: **PeerView.com/24NTM-LD-Attend**

This CME/MOC/AAPA/IPCE activity is provided by PVI, PeerView Institute for Medical Education.

This activity is supported by an educational grant from Insmmed.

This symposium is not supported, endorsed, or accredited by the American College of Chest Physicians.

Clinical Research and Community Impact Grants

\$400,000
AWARDED
IN 2024

Each year, CHEST offers grants to research candidates, community volunteers, and distinguished scholars. More than 1,000 recipients worldwide have received more than \$12.5 million in support and recognition of outstanding contributions to chest medicine.

This year, CHEST awarded \$400,000 in clinical research and community impact grants to 13 individuals. Grant recipients are recognized for their scientifically meritorious achievements, with rigorous metrics to track their projects' progress, and have innovative, novel approaches to addressing their research topic.

CHEST grants have made a difference in patients' lives by leading to breakthroughs in the treatment and/or management of chest diseases and patient care. Congratulations to this year's grant award winners.

RESEARCH GRANTEES

CHEST Research Grant in Critical Care Medicine

Joseph Bednash, MD

The Ohio State University, Columbus, OH

Transfer RNA Fragments as Novel Biomarkers in ARDS

This grant is supported by CHEST and generous gifts from our members.

CHEST Research Grant in Women's Lung Health Disparities

Jing Wang, MD

The Ohio State University, Columbus, OH

Adverse Pregnancy Outcomes and Risk of Developing COPD Later in Life: An Analysis of the Women's Health Initiative

This grant is supported by CHEST and generous gifts from our members.

CHEST Research Grant in Chronic Obstructive Pulmonary Disease

Sunita Mulpuru, MD

Ottawa Hospital Research Institute, University of Ottawa, Ottawa, ON, Canada

Development and Validation of a Clinical and Biomarker-Driven Model to Improve the Diagnosis of COPD Exacerbation Among Hospitalized Adults

This grant is supported by AstraZeneca LP.

CHEST Research Grant in Nontuberculous Mycobacteria

Shivani Singh, MD, PhD

New York University Grossman School of Medicine, New York, NY

Immuno-metabolic Determinants of Lower Airway Dysbiosis in Nontuberculous Mycobacterial Lung Disease

This grant is supported by CHEST and generous gifts from our members.

CHEST Research Grant in Sleep Medicine

Mandana Mahmoudi, MD, PhD

New York University Langone Health, New York, NY

Sex Differences in Alzheimer's Disease Biomarkers in Middle-Aged and Older Adults With Obstructive Sleep Apnea

This grant is supported by CHEST and generous gifts from our members.

John R. Addrizzo, MD, FCCP, Research Grant in Sarcoidosis

Kyle-Khalil Jurayj, MD

Henry Ford Hospital, Detroit, MI

Association of Clinical Features With the Microbiome and Metabolomics of Bronchoalveolar Lavage Fluid in Patients With Sarcoidosis

This grant is in honor of John R. Addrizzo, MD, FCCP, and is jointly supported by the Addrizzo family and CHEST.

CHEST Young Investigator Grant

Laura Leuenberger, MD

The Ohio State University, Columbus, OH

Obesity-Mediated Alterations in Lipid Metabolism: A Novel Mechanism for Acute Respiratory Distress Severity

This grant is supported by CHEST and generous gifts from our members.

CHEST/ALA/ATS Respiratory Health Equity Research Award

Sophie Huddart, PhD, MSc

University of California San Francisco, San Francisco, CA

Harnessing Digital Health Tools to Advance Tuberculosis Patient Monitoring

The Respiratory Health Equity Research Award is jointly supported by the American Lung Association (ALA), the American Thoracic Society (ATS), and CHEST.

COMMUNITY IMPACT GRANTEES

CHEST Community Impact Grant Honoring D. Robert McCaffree, MD, Master FCCP

Catherine Kier, MD, FCCP

SUNY-Stony Brook, Stony Brook, NY

Asthma Education for the Community Health Worker Update

This grant is supported by CHEST and generous gifts from our members.

CHEST Community Impact Grant Honoring D. Robert McCaffree, MD, Master FCCP

Langston Verdin, MPH

FreshAir Collective, Inc, Milwaukee, WI

Breath of Promise: A One-of-a-Kind Carbon Reduction Mural in Milwaukee

This grant is supported by CHEST and generous gifts from our members.

CHEST Community Impact Grant Honoring D. Robert McCaffree, MD, Master FCCP

John Odackal, MD

The Ohio State University, Columbus, OH

Access to Pulmonary Medicine for Patients With Suspected Interstitial Lung Disease

This grant is supported by CHEST and generous gifts from our members.

CHEST Community Impact Grant Honoring D. Robert McCaffree, MD, Master FCCP

Matt Siemer

Mobile Care Chicago, Chicago, IL

Asthma Clinical Care and Education for Young Adults

This grant is supported by CHEST and generous gifts from our members.

CHEST Community Impact Grant Honoring D. Robert McCaffree, MD, Master FCCP

Aninda Das, MD, MPH

University of Southern California, Los Angeles, CA

Connecting the Dots: Can Existing Community Health Workers Be Incorporated in the Screening for Acute Respiratory Infections in Children Aged <5 Years and Asthma in Children Aged 5-18 Years?

This grant is supported by CHEST and generous gifts from our members.

Investing in the Future of Chest Medicine

Through the CHEST Travel Grants program, CHEST actively supports and encourages the participation, engagement, and professional growth of our diverse and inclusive chest medicine clinician community. These grants provide

clinicians from underrepresented populations who are in training or within the first five years of practice with complimentary registration to CHEST 2024 and \$1,000 to cover travel costs. Congratulations to the recipients of this year's travel grants.

2024 TRAVEL GRANT RECIPIENTS

Mohamed Abdelaziz, MD
Israel Acosta-Sanchez, MD
Imad Almani, MD
Eze Amaechi, MD
Oluyemisi Amoda, MD
Alexander Bain, MD
Yashi Ballal MRT, MSc
Siena Blackwell, BSN
Yolanda Bonilla, MD
Eliaz Brumer, MD
Maria Consuelo Duran, MD
Laura Davis, MD
Andrew Dep, MD
Akash Dodia, MD
Solmaz Ehteshami Afshar, MD, MSc
Diana Espinoza Barrera, MD
Anthony Esposito, MD
Aeka Guru

Maide Gozde Inam, MD
Manuel Antonio Hache Marliere, MD
Malvika Kaul, MD
Alanna Kavanaugh, EdD, CCRN, FCCP
Faizan Khan, MD
Matthew Kheir, MD
Pedro Lamothe, MD, PhD
Steven Lim, MD
Aleksandra Lindgren, MD
Tishena Lloyd, MD
Thitapa Luepiyapanich, MD
Bonn Ma, MD
Sarah MacDowell, MD
Iman Makki, MD
Alicia McCarthy, RN
Sudha Misra, MD
Lloyd G. Muzangwa, MD, PhD
Richa Nahar, MD

Frances Ogunnaya, MBBS
Ivanisse Ortiz Velez, MD
Smit Paghdar, MD
Roshini Pradeep, MD
Aliaksandr Ramaniuk, DO
Fabiana Roldan, MD
Waleed Sadiq, MD

Prachi Saluja, MD
Anant Shukla, MD
Devika Sindu, MD
Osato Ukponmwan, MD
Alan Waich, MD
Stephen Wanjala, MD
Mei Xing Zuo



Our Donors Make It Possible

Thank you to the many CHEST members who have supported the important work of our grantees by making a donation to support CHEST's philanthropy efforts. Your gifts empower the next generation of chest medicine specialists.

Scan the QR code to make a gift to CHEST philanthropy and inspire the future of medicine.

Catching Up With the CHEST President

JACK D. BUCKLEY, MD, MPH, FCCP



For CHEST President, Jack D. Buckley, MD, MPH, FCCP, attending CHEST 2024 in Boston is a homecoming of sorts. Dr. Buckley's father grew up in Boston, and the city was a frequent family destination during his childhood.

"I can remember as a kid traveling out to Boston every summer, visiting my aunts and uncles and all of my cousins, most of whom are still in the area," said Dr. Buckley, who now lives in Kalamazoo, Michigan, and is Professor of Medical Education at Western Michigan University Homer Stryker M.D. School of Medicine.

Dr. Buckley will serve as CHEST President through the end of the year and decided to take a sabbatical from his clinical work to devote time to the role.

"I've had much more time to listen, read, think, and make sure I'm on top of things in order to digest the massive amount of information that comes in," he said. "I'm also able to participate in many more activities because I have the flexibility in my schedule to do that."



One of the biggest highlights has been interacting and collaborating with CHEST staff, members, and volunteers, Dr. Buckley said. Not just about the immediate future of CHEST, but 10 or 20 years down the road. He has been a part of examining topics like the role of professional societies and how they will evolve, how to maintain quality relationships with members, and how the organization can have the greatest impact on its mission while helping its members excel in their careers and practices.

"I'm proud because I look at our team, the staff, and the volunteers and see the amazing extent of their accomplishments. They really care about what they're doing," Dr. Buckley said. "That allows us the luxury of thinking way down the road and developing the next generation of leaders at CHEST, while also bringing in new members."

Dr. Buckley has been an engaged CHEST member since 1997 and has served in several leadership roles across the 22,000-member organization, including chair of the Scientific Program Committee in 2013. He currently serves on the CHEST SEEK® Pulmonary Medicine Editorial Board.

His first experience with CHEST was back in his faculty days at Henry Ford Hospital in Detroit. A senior colleague noticed his interest in medical education and invited him to attend an early career leadership development program by CHEST. He was immediately hooked.

"I knew, 'OK, this is my place. This feels right,'" he said.

Two other participants in the same leadership program, Lisa K. Moores, MD, FCCP, and Vera A. De Palo, MD, FCCP, are currently serving on the CHEST Board of Regents with Dr. Buckley.

"We joke sometimes how that course paid off because there are three board members, active right now, who were in that leadership development course some 25 years ago," he said.



Dr. Buckley had nothing but praise for the 19 colleagues serving on the CHEST Board of Regents with him.

"I am so fortunate to have a board that thinks at a very high level, is highly engaged, and brings with it incredibly diverse ideas about how we

should move forward," he said. "We also have a very trusting, safe space where we can have some strong deliberations over controversial topics."

Trust—among the board, staff, volunteers, and members—is what allows CHEST's initiatives to move forward smoothly, Dr. Buckley said. Having the right people on the right projects, giving them the resources they need, and then supporting

them are critical to the organization's success.

"To work together on something that we all share and value has just been so much fun," he said.

Dr. Buckley said he is looking forward to seeing colleagues at CHEST 2024 in Boston, where he has so many fond childhood memories. It's the perfect host city to convene his favorite meeting. ■

"I'm proud because I look at our team, the staff, and the volunteers and see the amazing extent of their accomplishments. They really care about what they're doing. That allows us the luxury of thinking way down the road and developing the next generation of leaders at CHEST, while also bringing in new members."

Jack D. Buckley, MD, MPH, FCCP
CHEST President

Championship Aspirations

Fellows from three pulmonary and critical care training programs have earned a spot in this year's CHEST Challenge Championship. Get to know the contestants before they take the stage at CHEST 2024.



The future of pulmonary, critical care, and sleep medicine will step into the spotlight during the CHEST Challenge Championship at CHEST 2024.

Fellows representing pulmonary and critical care training programs around the country will compete in the annual *Jeopardy!*-style quiz show on Tuesday, October 8. More than a simple trivia competition, the CHEST Challenge Championship is an “edutainment” extravaganza, mixing peer-reviewed educational content with entertaining surprises and audience participation. For 23 years, the event has introduced its fun, intelligent, and hardworking contestants to the wider CHEST community and vice versa.

“We treat our fellows—these colleagues in training for pulmonary, critical care, and sleep

medicine—like the celebrities they deserve to be,” said CHEST Challenge Founder and Master of Ceremonies, William F. Kelly, MD, FCCP. “Participants in this event remain engaged in CHEST forever. What stands out to me is seeing how they go on to have such impressive clinical, teaching, and leadership roles—both at their home institutions and within CHEST.”

Teams from Allegheny Health Network, HCA Florida Aventura Hospital, and NewYork-Presbyterian Brooklyn Methodist Hospital advanced through this year’s highly competitive, nationwide qualifying process. They’ll be looking to take home cash prizes and the prestigious CHEST Challenge Championship trophy, the Rosen Cup—named in the memory of former host and CHEST Past President, Mark J. Rosen, MD, Master FCCP.

Doors open at 7:30 PM on Tuesday in the Boston Convention and Exhibition Center Ballroom. Dr. Kelly and CHEST’s Training and Transitions Committee will kick off the festivities at 8 PM. All CHEST 2024 attendees are invited to take part in what will be an unforgettable evening.

“You are guaranteed to learn something new and see some hands-on physical skills challenges that you have never seen before,” Dr. Kelly said. “I also can’t stress enough how, by coming, you are a central part of the show—sometimes literally. And, always, the kindness and support the audience gives the fellows, and the high level of energy and engagement make the night magical for all those involved.”

Before they take the stage, get to know the stars of the show in their own words.

CHEST CHALLENGE

Allegheny Health Network

Program Director:
Tiffany DuMont, DO



Tanya C. Marshall, MD



Sujith Modugula, DO



Dhaval Patel, MD

Who or what has inspired you in your journey in pulmonary, critical care, and sleep medicine?

Dr. Marshall: Having undergone medical training at the University of the West Indies at Cave Hill Campus, Barbados, I did not have any exposure to critical care medicine and only limited exposure to pulmonology prior to residency. As luck would have it, my internal medicine residency started with a rotation of ICU nights when I was fortunate to meet Dr. Sanjiv Tewari. He would soon become my mentor and inspiration on my journey to pulmonology and critical care fellowship. He had a special interest in interventional pulmonology and spent much time with me in the bronchoscopy suite, where I fell in love with interventional pulmonology. In my second year of residency, I took an elective rotation at the Cleveland Clinic, where I was fortunate to meet and acquire the mentorship of his own mentors, Drs. Atul Mehta, Serpil Erzurum, and Francisco Almeida, all of whom I continue

to be grateful for for the contributions they have made to my career. It would have never been possible without them.

Dr. Modugula:

Pulmonology and critical care medicine has captured my interest since childhood, particularly since I was hospitalized frequently for severe asthma exacerbations.

Dr. Patel: Clinical rotations during residency exposed me to a vast ocean of knowledge that I didn't possess and learned to embrace. Little did I know I would fall into love with this specialty in my first month of residency.

What topics are you most interested in at CHEST 2024?

Dr. Marshall: I'm interested in learning whatever the topic may be; however, ultimately, my interest is in interventional pulmonology.

Dr. Modugula: As virtual reality becomes more prevalent, I hope to learn more about how to incorporate medical education into virtual reality experiences.

Dr. Patel: In today's day and age where artificial intelligence (AI) has taken over the world, I would like to learn more about how AI is being used and can be used in the advancement of medicine.

What are you looking forward to seeing or doing while in Boston?

Dr. Marshall: I'm looking forward most to meeting new people and the experience of seeing Boston for the first time.

Dr. Modugula: As a huge fan of interactive and immersive art, I cannot wait to check out the WNDR Museum.

Dr. Patel: This will be my first time in Boston, so I am looking to explore as much as I can.

What have you been watching or listening to during breaks from studies and fellowship responsibilities?

Dr. Marshall: I enjoy watching tennis grand slams. Coco Gauff and Carlos Alcaraz are two of the players I favor the most.

Dr. Modugula: I'm currently listening to audiobooks from Mitch

Albom, like *The Five People You Meet in Heaven*.

Dr. Patel: I have started to listen to podcasts from white coat investors on how to invest smartly.

What activity or hobby do you enjoy that might surprise your teammates or program director?

Dr. Marshall: Slamming dominoes on the beach with nice music in the background, food, and drinks is my No. 1 hobby of all time.

Dr. Modugula: I play the violin and am currently learning how to play the piano.

Dr. Patel: I like farming, and one day I would like to own my own farm.

What's your dream meal to celebrate a CHEST Challenge victory?

Dr. Marshall: Giovanni's Pizza and Pasta in Pittsburgh—our fellowship special.

Dr. Modugula: A big bowl of Hyderabad dum chicken biryani.

Dr. Patel: A good Indian buffet.

HCA Florida Aventura Hospital

Program Director:
Mauricio Danckers,
MD, FCCP



Manjot
Malhi, MD



Rafael
Miret, DO



Tanner
Norris, MD

Who or what has inspired you in your journey in pulmonary, critical care, and sleep medicine?

Dr. Malhi: My journey in pulmonary and critical care medicine has been inspired by the dedication and resilience of my patients, whose courage in the face of chronic and life-threatening conditions continually motivates me to seek better treatments and care strategies. The mentorship of esteemed colleagues who exemplify clinical excellence and compassionate care has profoundly shaped my approach and commitment to the field.

Dr. Miret: One of my early mentors, Dr. Raiko Diaz, inspired me to pursue a career in pulmonary and critical care medicine during my residency years. I was lucky enough to work with him as a resident and now as a fellow, and continue to learn from him on a daily basis.

Dr. Norris: Drs. Dionne Morgan and Mary Laird. Both are incredibly knowledgeable doctors

who somehow seem to know every last detail about every patient, a standard to which I try to hold myself every day.

What topics are you most interested in at CHEST 2024?

Dr. Malhi: Topics that interest me the most are pulmonary arterial hypertension and interstitial lung disease (ILD).

Dr. Miret: I'm looking forward to attending sessions about pulmonary hypertension and ILD.

Dr. Norris: I'm very interested to check out some of the simulation sessions, especially on advanced echocardiography and airway management.

What are you looking forward to seeing or doing while in Boston?

Dr. Malhi: Outside of the conference in Boston, I plan to explore the city's historical landmarks, visit the renowned museums, and enjoy the vibrant culinary scene.

Dr. Miret: As a sport fan, I would love to visit Fenway Park and the Boston Garden.

Dr. Norris: I love history, so I'm very excited to check out some historical landmarks and museums.

What have you been watching or listening to during breaks from studies and fellowship responsibilities?

Dr. Malhi: My current go-to show is *House of the Dragon* on HBO.

Dr. Miret: I closely follow the Spanish soccer league and Real Madrid.

Dr. Norris: Dan Carlin's *Hardcore History* podcast

What activity or hobby do you enjoy that might surprise your teammates or program director?

Dr. Malhi: With a toddler, a newborn, and the demands of a fellowship, my preferred activity at the moment is catching up on sleep.

Dr. Miret: I enjoy cooking desserts, especially crème brûlée.

Dr. Norris: They already know this about me, but I love salsa dancing.

What's your dream meal to celebrate a CHEST Challenge victory?

Dr. Malhi: Being from Buffalo, NY, my dream meal would be a platter of chicken wings from Duff's, served with blue cheese—not ranch.

Dr. Miret: When in Boston, we have to celebrate with clam chowder and anything with lobster in it.

Dr. Norris: Endless meat at a Brazilian steakhouse.



NewYork- Presbyterian Brooklyn Methodist Hospital

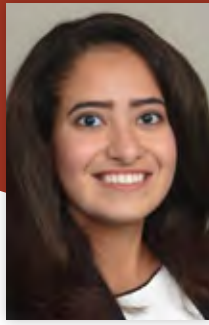
Program Director:
Anthony Saleh, MD



**Benjamin
Berson, MD**



**Maxim
Kashin, MD**



**Nourhan
Kika, MD**

Who or what has inspired you in your journey in pulmonary, critical care, and sleep medicine?

Dr. Berson: Helping care for the sickest patients during the COVID-19 pandemic motivated me to pursue pulmonary and critical care medicine (PCCM). The bravery and skill of the critical care faculty during the darkest times inspired me, and I am proud to have them as my mentors and peers. I would also never have made it to this point without the love and support of my wife and family.

Dr. Kashin: My specific interest in pulmonary and critical care started during med school when a clerical error had me stay on the respiratory general medical floor for my internal medicine

clerkship. I was in awe of the PCCM attendings, and my interest flourished even more during my intern year. The COVID-19 pandemic really secured my desire to become a PCCM specialist.

Dr. Kika: My attendings at NewYork-Presbyterian Brooklyn Methodist Hospital have inspired me throughout my residency and encouraged me to pursue this training. My patients have always been my greatest teachers.

What topics are you most interested in at CHEST 2024?

Dr. Berson: Advances in robotic bronchoscopy and the cutting-edge research in ILD.

Dr. Kashin: I'm interested in learning about advances in robotic bronchoscopies and novel pulmonary hypertension medications.

Dr. Kika: I'm interested to learn more about ILD and transplant medicine.

What are you looking forward to seeing or doing while in Boston?

Dr. Berson: I'm looking forward to visiting my alma mater, Brandeis University, and revisiting my favorite spots in Boston—the Back Bay and the Boston Public Garden, to name a few.

Dr. Kashin: I'm from Massachusetts, so going back to my hometown to see family and friends.

Dr. Kika: I'm looking forward to going to the Boston Public Garden.

What have you been watching or listening to during breaks from studies and fellowship responsibilities?

Dr. Berson: I've been catching all of the international soccer games—the Euros and Copa América—gearing up for the World Cup in 2026!

Dr. Kashin: Ms. Rachel (with my two kids), UEFA

European Championship, and the Boston Celtics winning the NBA championship.

Dr. Kika: I have been listening to Kygo.

What activity or hobby do you enjoy that might surprise your teammates or program director?

Dr. Berson: I have picked up running as a hobby, and I will be running the New York Marathon this November.

Dr. Kashin: I enjoy making my own hot sauces, and I enjoy playing the guitar.

Dr. Kika: Squash.

What's your dream meal to celebrate a CHEST Challenge victory?

Dr. Berson: An authentic Italian dinner from the North End, followed by a chocolate chip cannoli from Mike's Pastry.

Dr. Kashin: Russian dumpling soup.

Dr. Kika: My dream meal would be any kind of Thai food. ■



The Story of Our Lives

CHEST After Hours celebrates the human side of the profession through the art of storytelling

When patients cross through the doors of a clinic or ICU, they don't magically cease to be artists, advocates, caretakers, or community leaders. The same is true for health care providers.

"The human element sometimes gets lost among all of the didactics and other aspects of daily life," said CHEST Scientific Program Committee Member, Kara L. Dupuy-McCauley, MD, FCCP. "We're focused on learning and being a good clinician and taking care of our patients, and

we don't always talk about the human side of us—what we do outside of medicine, what we did before medicine, and the parts of us that make us the person who we are."

CHEST After Hours is the antidote.

For the third year in a row, CHEST 2024 attendees will have the chance to reflect on and share their personal stories during the unique storytelling event, which takes place Monday, October 7, from 6 PM to 8 PM, at Laugh Boston inside the Westin Boston Seaport District hotel next to the convention center.

To help attendees get in a reflective mood, five chest medicine clinicians have prepared 10-minute narrative performances about their lives. The presenters participated in virtual storytelling workshops and received expert coaching from The Nocturnists Satellites, an outreach program from the award-winning producers of the

medical storytelling podcast, *The Nocturnists*. The Satellites initiative supports clinicians in producing live storytelling events in their local communities.

CHEST After Hours organizers asked the presenters to reflect on the event's theme, "My Revolution," and recall times when they stood up against the status quo or experienced a profound personal transformation. After Hours audience members will be asked to do the same.

For Scientific Program Committee Chair, Gabriel T. Bosslet, MD, FCCP, that moment came during the COVID-19 pandemic when he found his voice as an advocate for public health. Dr. Dupuy-McCauley, a classically trained pianist, discovered a more complete sense of self after reintegrating musical performance into her busy life as a clinician. And Rana L. Awdish, MD, FCCP, experienced a revolutionary understanding of hope and certainty in the face of a cancer diagnosis.



KARA L. DUPUY-MCCAULEY, MD, FCCP



GABRIEL T. BOSSLET, MD, FCCP



RANA L. AWDISH, MD, FCCP



All three presented at the inaugural After Hours at CHEST 2022 and wrote about their experiences in the Exhalations section of the journal *CHEST*®. They helped organize the two subsequent events.

At its core, CHEST After Hours is a celebration of humanity and empathy in medicine and a tribute to the connective act of storytelling, Dr. Bosslet said. In addition to being one of the oldest and most authentic forms of human communication, storytelling serves an essential role in clinical interactions, he added.

"Patients tell us their story, and we sort of fashion it, form it around our medical frameworks to try to give medical meaning to that story," he said. "In my

opinion, the art of medicine is the art of hearing stories. In this case, After Hours makes us the teller of stories, and that kind of flips it on its head."

Sharing difficult experiences or vulnerable aspects of oneself can also be an act of narrative restoration, allowing storytellers to uncover their own strengths and resiliencies and gain new, life-changing perspectives, Dr. Awdish said. CHEST After Hours also helps to reinforce important values for the next generation of clinicians, she said.

"CHEST is an organization that really embraces everyone's full humanity and wants to showcase aspects of

members that maybe have not traditionally been part of medicine," she said. "That makes us all better and is a great model for trainees and people entering our profession to know that they can still be whole and embrace all of these different aspects of themselves." ■

CHEST After Hours

6 PM – 8 PM | Monday, October 7

Laugh Boston (inside the Westin Boston Seaport District)



ANGELS Among Us

Thanks to a 2023 book by Maria Smilios, a group of Black nurses who helped cure TB are finally being recognized for their contributions to medical history. Known by their patients as the “Black Angels,” the group will receive an Honorary FCCP designation at CHEST 2024.

THE STORY OF CHEST IS INTERTWINED

with the history of TB. Murray Kornfeld, the founder of the American College of Chest Physicians and the journal *CHEST*®, was a patient with TB who sought to advance education about the diagnosis and treatment of the disease. The organization that would eventually become CHEST held its first educational event in 1935 to discuss TB-related challenges in sanatoriums. And it was a CHEST member, Edward Robitzek, MD, FCCP, who in 1951 began the first human tests of isoniazid, one of the first and most successful treatments for TB.

However, a vital chapter of this story was not widely known until last year.

In her 2023 book, *The Black Angels: The Untold Story of the Nurses Who Helped Cure Tuberculosis*, researcher Maria Smilios revealed how Dr. Robitzek’s pioneering TB treatment would not have been possible without the efforts of a group of

Black nurses at Sea View Hospital in New York City. These extraordinary women, who were referred to by their patients as the “Black Angels,” persevered against racial discrimination and other dire conditions to care for highly contagious patients at a time when no one else would.



Virginia Allen

Photo by Richard Ricciardi

CHEST is recognizing the Black Angels with an Honorary Fellow of the American College of Chest Physicians (FCCP) designation during the CHEST 2024 Opening Session on Sunday, October 6. One of the last surviving nurses, Virginia Allen, will be in attendance to accept the honor on the group’s behalf. Smilios will also hold book signings at the convention center on Sunday and Monday, and CHEST will display

a curated archive of Dr. Robitzek’s handwritten clinical notes during Exhibit Hall hours.

The multiple opportunities to engage with the Black Angels’ legacy at the meeting serve not only to enlighten CHEST members about the profession’s

Continued on page 36 ➔

Aerial view of
Sea View Hospital

Phyllis
Alfreda
Hall
Lambert

Bessie

THE NEW YORK TIMES, SATURDAY, FEBRUARY 23,
'WONDER DRUG' TRIED FOR TREATMENT OF TUBERCULOSIS



Alfred Maddox, a patient at Sea View Hospital in Staten Island, as he took a pill yesterday. At the right is Nurse Blanche Newton.

Missouria Meadows
(seated)

Salaria Kea

Marjorie Tucker Reed

Curlene Bennett, photo
courtesy of Leah Bennett



Maria Smilios will sign copies of her book during two special events at CHEST 2024. She will also make an appearance with Virginia Allen, one of the last surviving “Black Angel” nurses, during a special presentation Monday afternoon. Smilios’ book is available at the CHEST store in the Exhibit Hall.



Book Signings With Maria Smilios

Sunday, October 6
9:30 AM – 10:30 AM
Ballroom Foyer

Monday, October 7
12:30 PM – 1:30 PM
Experience CHEST,
Exhibit Hall

Black Angels Presentation With Virginia Allen and Maria Smilios

Monday, October 7
2 PM – 2:15 PM
Experience CHEST,
Exhibit Hall

Angels Among Us continued from page 34

past but also to highlight lessons about diversity and inclusion that are relevant to chest medicine’s present and future, said Danielle K. McCamey, DNP, ACNP-BC, FCCP, the founder and CEO of DNPs of Color and a member of CHEST’s Women in Chest Medicine Interest Group Steering Committee.

“All these pieces create this wonderful picture that aligns with our mission and the significance of our organization in history and in health care,” said Dr. McCamey, Assistant Dean at Johns Hopkins School of Nursing. “It also really amplifies the interprofessional collaboration that’s needed to be able to do transformative work.”

Dr. McCamey moderated a CHEST webinar earlier this year that featured Smilios and Allen,

who recalled how the nursing opportunity at Sea View and Dr. Robitzek’s treatment of the nurses as colleagues set the stage for their further involvement in thoracic surgery and other pulmonary and critical care areas.



Danielle K. McCamey,
DNP, ACNP-BC, FCCP

“I think that’s a testament to the energy that’s within CHEST,” Dr. McCamey said. “We, as an organization, are committed to inclusion and valuing all folks in our professional spaces so that they have

an opportunity to contribute their expertise from their particular experiences.”

Dr. McCamey said she’s excited for CHEST 2024 attendees to view Dr. Robitzek’s archives in person at the meeting.

“When we get the opportunity to see those notes, it’s essentially



Patient photos courtesy of the Robitzek family

tapping into history and seeing the thought process behind that—whether it be imperfect or perfect,” she said. “That’s empowering to see the process because people are always wanting to know how to get from step A to step Z. It’s the opportunity to see the magic.”

During CHEST 2024, Smilios’ book is available at the CHEST store in the Exhibit Hall. CHEST 2024 Scientific Program Committee Chair, Gabriel T. Bosslet, MD, FCCP, said even readers who are familiar with the history of TB will likely be surprised by the book’s passages about the human side of the disease—not only the experiences of the Black Angels but also the people under their care.

“It was new to me, and I feel like someone who’s relatively well-informed about the history of TB and



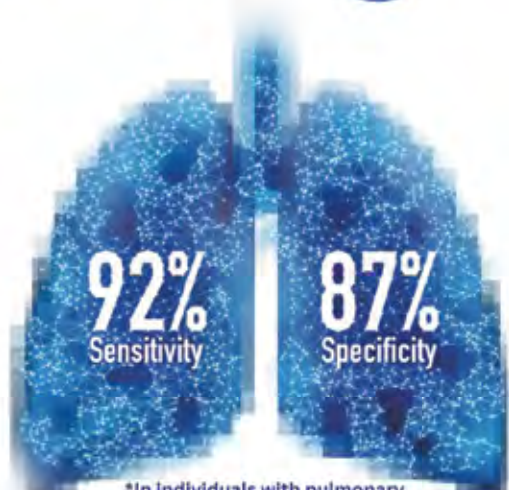
Dr. Edward Robitzek Photo courtesy of the Robitzek family

the care of those patients,” Dr. Bosslet said. “Maria Smilios does a terrific job of storytelling—stories of patients who, in the 1930s and 40s, had this terrible, ravaging disease—and paints a picture that’s different than what most physicians know, which are the facts and figures and pathophysiology.” ■

CyPath[®] Lung

NONINVASIVE TEST FOR LUNG CANCER

Visit us at Booth 329



*In individuals with pulmonary nodules less than 20mm

RAPID-FIRE Presentation by Rossella Titone, PhD, Product Development Team
Monday, Oct. 7, 10:20-10:50am, Exhibit Hall Floor
TOPIC: Clearing the Air: Innovations in Lung Cancer Detection and Diagnosis



Community Connections

Each year at the annual meeting, CHEST highlights local organizations serving the health care needs of underserved populations in our host city. Representatives from this year's featured groups have been invited to CHEST 2024 to showcase their work and discuss their successful community intervention strategies.

The Boston Health Care for the Homeless Program (BHCHP), the We Got Us (WGU)

grassroots coalition, and a collaboration between the Tufts Community Health Workers Engaging in Integrated Care (COHERE) and Community Action Programs Inter-City (CAPIC) all go above and beyond to make a public health impact within their communities in the Greater Boston area, and CHEST is proud to have them as honored guests. Attendees are encouraged to visit with their representatives at the Experience CHEST booth on Tuesday, October 8, between 11 AM and 12 PM.

SUPPORT CHEST PHILANTHROPY

The Community Connections initiative is generously supported by Meet Boston and member-donors. Scan the QR code and select "Community Impact" to help us enhance and expand the Community Connections program at future annual meetings.



Boston Health Care for the Homeless Program

Founded in 1985, the BHCHP provides dignified, equitable access to high-quality health care to all individuals and families, regardless of their circumstances. At the heart of BHCHP's mission is a fierce commitment to health equity and social justice, with wide-ranging services and programs that provide all-encompassing support to those in need.



Patricia Holliday

"The stigma of homelessness complicates providing quality health care," said Patricia Holliday, Chief Equity and Inclusion Officer at BHCHP. "Safe housing is a basic, human need. But the longer time spent without a home can be linked to high levels of mental distress and chronic illnesses.

We recognize our patients' trauma and existing challenges, but we create trusting relationships wherever they are to provide sustained care."

About the Mural

Through its Community Connections initiative, CHEST is donating the mural pictured on page 38 to the Boston Health Care for the Homeless Program. The mural, which will measure 6 feet wide by 4 feet tall, was designed by artist Jeremy Jarvis and will be installed in the BHCHP facility following CHEST 2024. The design encapsulates the core values of compassion, community, and resilience. The two intertwined hands symbolize the nurturing and supportive relationships fostered by BHCHP. Radiating from the hands are colorful waves that sweep through the vibrant Boston skyline in the background. These waves symbolize the positive impact of BHCHP's work, illustrating how acts of kindness and support can create ripples of change throughout the city. The mural will serve as a visual representation of BHCHP's dedication to fostering resilience and offering hope, making Boston a city where everyone, including those experiencing homelessness, is cared for and valued.



BHCHP services include everything from a mobile addiction program and full-service dental care to medical respite care and recovery services. The BHCHP Street Team is devoted to finding unhoused individuals and providing access to the care they need.

Other support services that BHCHP offers include gender care and gender identity support, hepatitis C and HIV care, and harm-reduction programming such as Supportive Place for Observation and Treatment (SPOT) to help prevent overdoses. The organization also offers services and programs such as Women's Wednesday and Her Saturdays, which provide access to women's health services, and its Oasis Clinic, which offers free support services to immigrants and their families.

"Our approach to community health care allows BHCHP to be recognized as a thought leader in homeless medicine," Holliday said. "We are so fortunate to provide services to the populations we serve and to be embraced by our partner hospitals, community health groups, and Boston shelters. This is all possible because we build trusting relationships and treat patients with respect."

Tufts COHERE and CAPIC Collaboration

The Tufts COHERE program and CAPIC teamed up to improve health equity and access in underserved communities by overcoming language barriers in the health care workforce.

As part of the collaboration, CAPIC staff members are trained through COHERE and use a lung cancer screening tool that's available in English and Spanish. The screening tool was created by two medical students at Tufts to address disparities related to lung cancer risk and access to services in the Latinx community. The platform provides information about risk factors for lung cancer, how to screen, and where people can find additional resources.

CAPIC serves scores of individuals in the Latinx community who either speak only Spanish or are learning English. Offering a platform to deliver information in a patient's primary language presents an opportunity to build trust in community health workers and to offer new services that were not accessible previously.



Kimberly Dong, DrPH, MS, RD

"Our hope is to achieve health equity [and] to provide services in multiple languages, which is helpful given the diversity of Boston," said Kimberly Dong, DrPH, MS, RD, Director and Co-Founder of COHERE and Associate Professor at Tufts University. "We're trying to be mindful about ways to engage people into care in a language that they feel comfortable with and can understand—and feel that trust again in engaging in care."



We Got Us

WGU was launched in 2021 to respond to health inequities that surfaced during the COVID-19 pandemic. The grassroots, student-led organization was initially founded to help fill gaps in access to COVID vaccines, especially in Boston's historically Black communities.

WGU Founder and Executive Director, LaShyra Nolen, MD, MPP, was a full-time student at Harvard Medical School during clinical rotations when the vaccines began rolling out.

She quickly realized she was uniquely positioned to help close information gaps in the community after her family and friends began asking her questions about the vaccines.

"You realize that there's this great gap of folks who need information from trusted resources but may not be able to get access to it. I'm able to do this for my family members, but not everybody has access to that," Dr. Nolen said. "If we

can mobilize folks who also might be in a similar position as me with this expertise—but also this lived experience—that might help address some of the challenges that we're seeing in our community."

Among these challenges was the lack of access to vaccine

sites in historically Black communities. Many of the early sites were located in predominantly white neighborhoods and offered appointments only during daytime work hours. To increase access to vaccines in

underserved communities, WGU created resources and services to make vaccine cards and appointments more widely available.

"The thing is, sometimes all these incredible resources can exist, but if you're not in the community and people don't know that those things are available to them, then they might not even know how to access them," Dr. Nolen said.



LaShyra Nolen, MD, MPP



WGU partners with several organizations in the community, such as the Boston Public Health Commission and the New England Medical Association, and continues to engage directly with the Greater Boston community through health fairs and other events such as empowerment sessions on various health topics. ■



BOSTON'S FINEST

With the help of local resident C. Corey Hardin, MD, PhD, a member of the CHEST Scientific Program Committee, we created a guide to help you make the most of your free time in Boston.

By Joy Victory

Boston is a city of historic beauty. From time-honored destinations like Beacon Hill and the Back Bay to less touristy neighborhoods like Jamaica Plain, Boston offers something spectacular for every type of traveler.

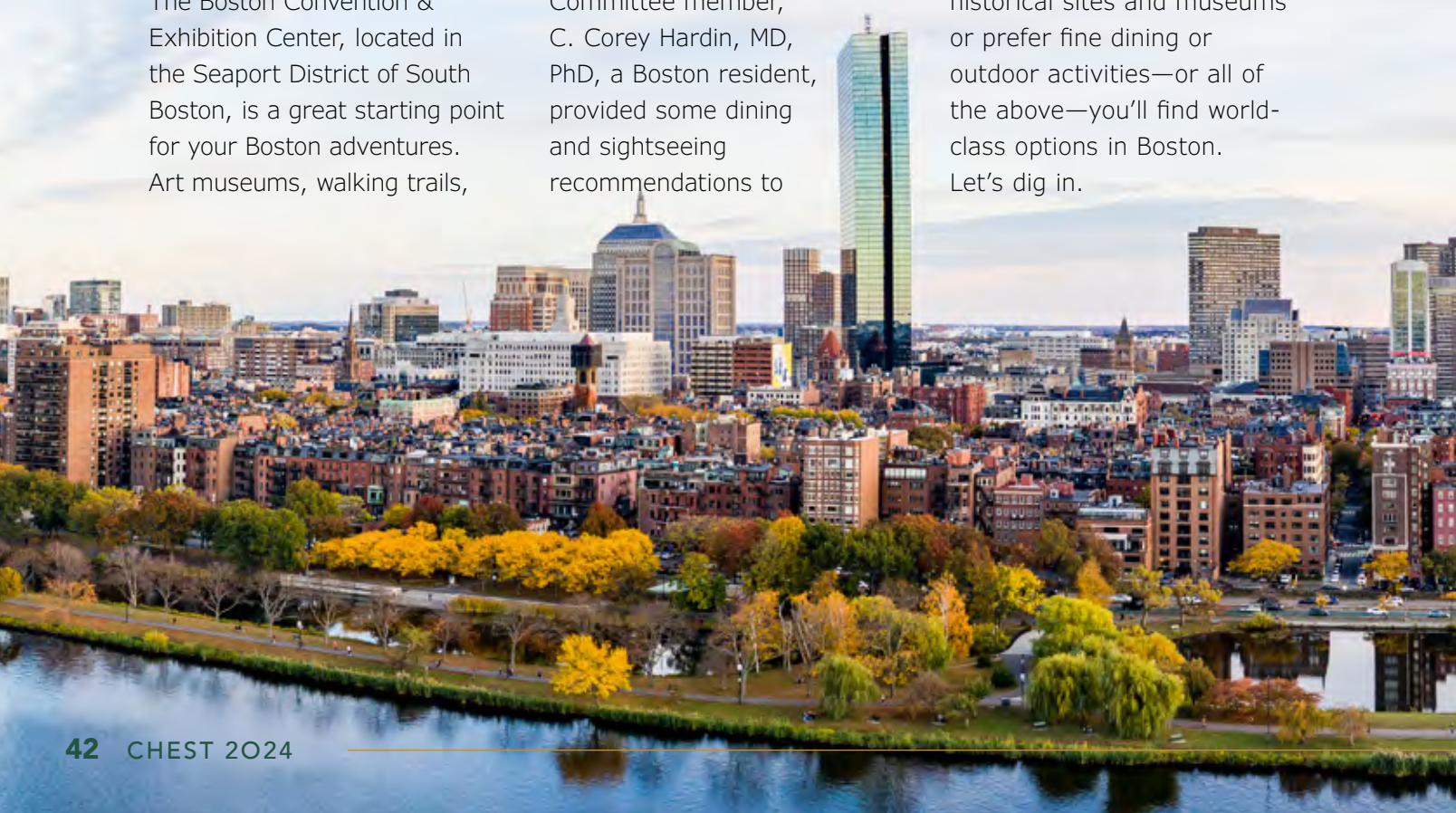
The Boston Convention & Exhibition Center, located in the Seaport District of South Boston, is a great starting point for your Boston adventures. Art museums, walking trails,

and historical sites are all a short walk or car ride from the convention center. Plus, an abundance of top-rated restaurants—many of them with charming waterside views—will satisfy even the most discerning foodies.

CHEST Scientific Program Committee member, C. Corey Hardin, MD, PhD, a Boston resident, provided some dining and sightseeing recommendations to

help CHEST 2024 attendees make the most of their time away from the convention center. It's a great time to see the 393-year-old city, he said: "The fall is one of those seasons New England is rightfully known for."

So, whether you like to tour historical sites and museums or prefer fine dining or outdoor activities—or all of the above—you'll find world-class options in Boston. Let's dig in.



Restaurants

Grace by Nia

60 Seaport Blvd., third floor

Getting there: 0.6 miles from the convention center

Menu options at this Black- and female-owned restaurant, which is known to be “where soul meets the Seaport,” include Southern classics like country fried chicken and bourbon peach ribs. The restaurant features a rotation of live jazz and R&B music, earning it recognition as the place for “Best Dinner and a Show” from *Boston* magazine in 2024. Heads up: The vibe is upscale, so come dressed stylishly.



Legal Sea Foods

270 Northern Ave.

Getting there: 0.4 miles from the convention center

This popular seafood chain has restaurants across the city, but the harborside location “has a great space upstairs that looks out over the water,” Dr. Hardin said. If you need help selecting an entrée, *Boston* magazine recently rated the restaurant’s clam chowder as the best in the city, writing that the “rich combination of little neck clams, chunky potatoes, and salt pork consistently represents the city well.”



Row 34

383 Congress St.

Getting there: 0.3 miles from the convention center

“This is one of the best-known seafood restaurants that’s an easy walk from the convention center,” Dr. Hardin said. Indeed, *The New York Times* named it one of the top 25 restaurants in Boston, noting that the locally owned chain takes the city’s typical seafood fare to the next level with interesting preparations. In particular, the lobster roll was rated “superlative.”

Sarma

249 Pearl St., Somerville

Getting there: 6 miles from the convention center

Chef Cassie Piuma’s “cross-cultural mashup” of Mediterranean small plates earned the restaurant recent nods in both *The New York Times* and *Boston* magazine. “This is the city’s hottest restaurant,” Dr. Hardin said. It’s located in Somerville, just west of Boston, but well worth the cab ride, he said. Getting a reservation might be tough, but you can try the walk-in bar seats that open at 5 PM each night.



Sweet Cheeks Q

1381 Boylston St.

Getting there: 3.2 miles from the convention center

Owned by Chef Tiffany Faison—a runner-up in the first season of Bravo’s *Top Chef*—Sweet Cheeks Q serves big, bold barbecue. The Big Papi sandwich, named in honor of Boston Red Sox legend David Ortiz, is piled high with sliced and chopped brisket, smoked jalapeño cream cheese, pickled jalapeño, crispy onions, and pickles. The location makes it a great pairing with a Fenway Park stadium tour, where you can walk off the brisket and biscuits.

LATE-NIGHT EATS

Regina Pizzeria

11½ Thacher St.

Getting there: 3.2 miles from the convention center

Regina Pizzeria is considered one of the best pizza places in the country—known for its century-old, secret recipe for crust that uses natural yeast, leading to an unparalleled base for its light and slightly spicy sauce, with a hint of Romano. The cheese is a specialty-aged whole milk mozzarella that’s grated daily and gives the pizza its distinctive flavor. Some say if you haven’t been to Regina, you haven’t *actually* been to Boston. It’s open until 9 PM on Sunday and until 10 PM Monday through Saturday.

Activities



Boston Harborwalk

Getting there: Walk 0.7 miles from the convention center to Fan Pier Park for expansive downtown views

This 43-mile public walkway provides an excellent tour of the city's piers, wharves, beaches, and shorelines. Along the way, sculptures from noted artists and historical exhibitions pay homage to Boston's seaside beauty and rich history. It's a great way to get in some steps and fresh air.

Boston Tea Party Ships & Museum

306 Congress St.

Getting there: 0.6 miles from the convention center

This live-action reenactment lets visitors relive Dec. 16, 1773, when the Sons of Liberty threw shipments of East India tea overboard in protest of taxation without representation, kicking off the American Revolution. You can board replicas of 18th century-era sailing vessels and view the Robinson Tea Chest, the only known surviving tea chest from that historic day. It's a little corny, Dr. Hardin admitted, but definitely fun.

Freedom Trail

139 Tremont St.

Getting there: 1.1 miles from the convention center; Boston Common is the recommended starting point

An iconic Boston experience, the 2.5-mile Freedom Trail features historic churches, meeting houses, cemeteries, and parks, with an emphasis on the sites where the American Revolution was planned and launched. While paid guided tours are available, the entire trail is open to visitors exploring on their own, including a self-guided audio tour offered by the National Park Service. Hungry? Faneuil Hall Marketplace, a "food paradise" with 25-plus eateries, is located near the midpoint of the trail.

Institute of Contemporary Art

25 Harbor Shore Dr.

Getting there: 0.5 miles from the convention center, near Boston Harborwalk

Come for the views, stay for the art, Dr. Hardin suggested. "The building is gorgeous. It's a modern art museum with a second floor cantilevered right out over the water, with a wall of windows that look out on the harbor," he said. *Conde Nast Traveler* complimented the well-balanced mix of art on display and recommended the gift shop for thoughtful souvenirs.

Paul S. Russell, MD Museum of Medical History and Innovation

2 N. Grove St.

Getting there: 3 miles from the convention center

A recommended stop on Boston's Innovation Trail, this museum takes visitors through 200 years of medical evolution at Massachusetts General Hospital. The museum is known for the antique surgical instruments on display and the Ether Dome amphitheater, where the world's first public surgery using ether was performed.



Discover BOSTON'S FALL FOLIAGE

Boston is considered one of the most walkable US cities, making it the ideal place to wander and sightsee. By early October, fall colors are just starting to pop. Here are some of the best places to take in the city's atmosphere:

Arnold Arboretum

The Arnold Arboretum was the first public arboretum in the US. The Arboretum's 15,000 trees, shrubs, and vines are one of the most comprehensive and well-documented collections of temperate woody plants in the world.

Beacon Hill

One of the most picturesque neighborhoods in Boston, Beacon Hill has steep streets lined with Federal-style and Victorian brick row houses lit by antique lanterns. The half-square-mile neighborhood is named for the location of a former beacon atop the highest point in central Boston. The beacon was used to warn residents of an invasion.

Boston Common

Founded in 1634, Boston Common is America's oldest public park. The historic I and has been used for everything from cattle grazing to anti-slavery meetings and has evolved into a natural oasis for visitors and residents in the heart of downtown.

Boston Public Garden

Established in 1837, the Public Garden was the first public botanical garden in the US. It was decorative and flowery from its inception, featuring meandering pathways for strolling. Like the Common, the Garden's location makes it the perfect stop whether you're exploring the streets of Beacon Hill, shopping on Newbury St. in the Back Bay, or dining in the North End.

Rose Kennedy Greenway

One of Boston's newest parks, Rose Kennedy Greenway stretches from TD Garden and the North End to Chinatown and replaces an elevated highway that slashed through the heart of the city for almost 50 years. The Greenway's series of linked parks host a variety of attractions, events, and revolving art exhibits. ■

Could your patient's CHRONIC COUGH be masking aPAP?

Autoimmune pulmonary alveolar proteinosis (aPAP) is a rare lung disease that presents with **nonspecific pulmonary symptoms**.¹⁻³

A simple blood test can help confirm or rule out aPAP at no cost to you or your patients.^{2,4} Learn more and request the test at apapclearpath.com.

Visit us at Booth #659 for more information

References: 1. McCarthy C, Avetisyan R, Carey BC, Chalk C, Trapnell BC. Prevalence and healthcare burden of pulmonary alveolar proteinosis. *Orphanet J Rare Dis*. 2018;13(1):129-133. doi:10.1186/s13023018-0846-y. 2. McCarthy C, Kokosi M, Bonella F. Shaping the future of an ultra-rare disease: unmet needs in the diagnosis and treatment of pulmonary alveolar proteinosis. *Curr Opin Pulm Med*. 2019;25(5):450-458. doi:10.1097/MCP.0000000000000601. 3. McCarthy C, Carey B, Trapnell BC. Autoimmune pulmonary alveolar proteinosis. *Am J Respir Crit Care Med*. 2022;205(9):1016-1035. doi:10.1164/rccm.202112-2742SO. 4. Ataya A, Knight V, Carey BC, Lee E, Tarling EJ, Wang T. The role of GM-CSF autoantibodies in infection and autoimmune pulmonary alveolar proteinosis: a concise review. *Front Immunol*. 2021;12:752856. doi:10.3389/fimmu.2021.752856.

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Improving Patient Outcomes 5 Minutes at a Time

CHEST's First 5 Minutes® program aims to compress the time it takes to establish trust with patients so they feel comfortable getting to the heart of the conversation sooner.

The COVID-19 pandemic catalyzed change in many areas, but none more so than in health care delivery. The foundation of trust between patient and clinician showed its cracks, stemming from the spread of misinformation and inequitable access to medical care from a system being pushed to its limits.

In the midst of this, CHEST set out to find out the impact of these health care disparities on a personal level. A national, five-stop listening tour revealed many truths about health care delivery, especially for underserved populations. The issues most vocalized centered around patients' trust in their clinicians.

Trust is a relation-based response, and relationships take time to build. When trust is absent, the patient may

withhold information influencing the diagnosis and recommended treatment plan.

The dilemma for most clinicians is establishing trust within the time constraints imposed in the clinical setting. The First 5 Minutes® (F5M) program aims to compress the time it takes to establish trust with patients so they feel comfortable getting to the heart of the conversation sooner.

"Every 15 minutes, a medical provider is expected to see another patient. It can be challenging to demonstrate compassion and care in this brief window. Still, it is essential. The actions and words of the clinician

have a tremendous impact on patient care," said Past President of CHEST, Stephanie Levine, MD, FCCP, who served on the program's steering committee and participated in an immersive workshop.



**Stephanie Levine,
MD, FCCP**

Utilizing communication skills such as empathetic listening has been found to promote positive outcomes on multiple levels. In addition to improving interactions between

patients and clinicians, these skills can help build rapport among teams, reduce burnout at the institutional level, and improve staff retention rates.

The F5M program launched a year ago, and CHEST continues to learn from its participants. Some changes include adopting new delivery options and expanding the content areas. The



F5M program is available via virtual interactive webinars and as online learning courses for CME.

"We realized that six hours is a big time commitment for a clinician to attend an in-person workshop," said Christina Lorenzo, MS, Director of Product Management at CHEST. "Our challenge was to take the essence of the workshop, which is understanding and practicing the skills, and put them into different learning formats. People can't learn this skill during a one-hour lunch break."

A new content area for the F5M program involves embracing cultural humility to help open dialogue and improve trust between clinicians and patients. Created by a team led by Debasree Banerjee, MD, FCCP, the cultural humility module teaches one to recognize and reflect upon their implicit biases and how they may influence their approach and communication style with a patient.

"Research shows that empathetic listening can help establish trust and improve patient outcomes. However, without intending to, a clinician's body language, word choices, and assumptions can influence the patient's engagement and trust levels," said Elizabeth Stigler, PhD, Director of Diversity, Equity, Inclusion, and Belonging at CHEST.

At CHEST 2024, the F5M program is being featured in an interactive workshop on Tuesday, October 8, from 4 PM to 5 PM. The workshop



Christina Lorenzo, MS



Elizabeth Stigler, PhD

will introduce the cultural humility module into the empathetic listening model. Group work with role-playing scenarios will help participants develop and sharpen their skills. Upon completing

the workshop, participants will be invited to develop a plan to incorporate the F5M program into their practices.

Attendees who cannot attend the workshop can still participate in hands-on learning using e-learning tools. Additionally, participants can practice their new patient interaction skills with virtual reality (VR) headsets available during Exhibit Hall hours. Using a VR headset, attendees can interact with a virtual patient and receive real-time feedback. ■



Save time and see better patient outcomes

The First 5 Minutes® program consists of evidence-based skills to establish trust with your patients in the first 5 minutes of your interactions. With improved communication, you'll see that it takes less effort to help your patients more.



Build patient trust with self-paced, free learning modules:

First 5 Minutes: Building Trust
Learn to quickly create rapport, respond with empathy, and build your relationships. Practice our empathetic communication skills by conversing with a simulated patient.

Cultural Humility
Approaching patient interactions with cultural humility can have a positive impact on building trust and improving communication. Upon completing this course, learners will be able to understand and implement cultural humility skills to strengthen patient relationships.



START LEARNING

CHEST gratefully acknowledges the following supporters of the First 5 Minutes: Building Trust. Founding Supporters - Amgen, AstraZeneca, Bexar County, Boehringer Ingelheim, Novartis, Regeneron, Sanofi, and VIATRIS. Trailblazer Supporter - GSK



Building a Bridge to Close Diagnosis Gaps

CHEST's Bridging Specialties® initiatives bring together pulmonologists and primary care physicians to tackle shared goals—shortening the time to diagnosis for interstitial lung diseases, COPD, and nontuberculous mycobacteria disease and bronchiectasis.

An estimated 400,000 patients in the US are affected by interstitial lung disease (ILD), which often goes undetected because of its relatively low occurrence and common symptoms, including dyspnea, cough, and fatigue.

These factors, among others, can delay an ILD diagnosis and lead to irreversible lung damage. In a recent survey of 50 patients living with pulmonary fibrosis, the majority of respondents said their diagnosis took two years or more.

"Primary care physicians don't have the opportunity to see [ILD] very often, and it's a difficult diagnosis because a lot of the symptoms can be so many different things," said Jennifer Szabo, CAE, Publisher

and Chief Operations Officer at CHEST. "The more readily they can identify some of those risk factors and symptoms, the faster they can make referrals and we can work on improving patient outcomes. This is why CHEST saw ILD as the first disease to address with our Bridging Specialties program."

CHEST and Three Lakes Foundation joined forces in May 2022 to launch this collaborative initiative that leverages the combined strengths of pulmonary and primary care experts to tackle a shared goal: shortening the time to diagnosis for ILDs. While there's currently no cure for ILD, treatment can help delay progression and diminish the severity of symptoms. The earlier a patient is diagnosed and begins treatment, the sooner they can improve their quality of life.

PUTTING THE TOOLS INTO PRACTICE

There are several Bridging Specialties resources available at chestnet.org that can help clinicians identify signs of ILD and determine next steps. This includes an ILD Clinician Toolkit, which features a patient questionnaire and a downloadable diagnosis and management checklist. The toolkit also includes interactive materials, such as an e-learning module with key symptoms for early detection, as well as a decision-making toolkit to help clinicians think through different patient scenarios.

These Bridging Specialties ILD resources are now being used and studied in clinical settings across the US.

"We've awarded two grants for quality improvement projects where the recipients are taking all of the tools we have put together into their institution and organizing different studies to show positive patient outcomes," Szabo said.

Kavitha Selvan, MD, and Amirahwaty Abdullah, MBBS, received quality improvement grants from CHEST that support demonstration projects at their institutions.

"With research showing that Black patients develop ILD at a younger age than white patients and experience higher rates of hospitalization and increased mortality, the diverse population of Chicago serves as the inspiration for my team's project and will be a central factor," said Dr. Selvan, who was a Pulmonary and Critical Care Fellow at the University of Chicago (UChicago) School of Medicine when she received the grant.

Only a month into the UChicago team's intervention, almost 40% of the patients who were surveyed with the Bridging Specialties patient questionnaire had two or more risk factors checked off for ILD, she said.

"Our providers were more likely to refer to pulmonary [medicine] and more likely to order the appropriate ILD tests than they had been in the months prior to our intervention."



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The preliminary data captured by Dr. Selvan's team will be shared as an abstract at CHEST 2024. She will continue her project at Northwestern Medicine, where she is now an Assistant Professor of Pulmonology and Critical Care Medicine.

Dr. Abdullah's project focuses on expanding ILD telemedicine capabilities to reach patients virtually through their primary care physicians (PCPs), who facilitate video-assisted visits.

"While ILD is a rare disease, the state of West Virginia has a disproportionately increased prevalence due to a variety of societal factors," said Dr. Abdullah, Assistant Professor and Critical Care Medicine Associate Program Director at the West Virginia University School of Medicine. "This topic about bridging the gap and early diagnosis really resonated with us because we see all these patients who end up seeing us after they've been on oxygen for years, when they can't do anything else."

EVOLVING THE BRIDGING SPECIALTIES INITIATIVE

CHEST is expanding the disease states addressed by the Bridging Specialties program in order to provide clinicians with the tools to help even more patients.

"Seeing the success of our ILD initiative, we knew that there was more work to be done in other pulmonary diseases," Szabo said.

A 2019 study in the *European Respiratory Journal* found that the opportunity to diagnose COPD at an earlier stage is missed in about two-thirds of patients with COPD. A delayed diagnosis is linked to a higher rate of exacerbations, more comorbidities, and increased costs compared with an early diagnosis, according to a 2019 paper in the *International Journal of Chronic Obstructive Pulmonary Disease*.

The new Bridging Specialties program will address symptoms, diagnosis, and treatment options for COPD. CHEST will create specific resources that focus on the steps to take when a patient presents with signs of COPD.

CHEST recently conducted focus groups and completed a large-scale quantitative survey with PCPs and pulmonologists to identify knowledge gaps and practice patterns in COPD. Expert faculty are now developing a white paper informed by the results from the focus groups and survey.

A CME-eligible podcast and a decision-making module for pulmonologists are currently available on the CHEST website. The module provides guidance on how to administer appropriate diagnostic tests, determine the severity of disease, and proceed with next steps in the treatment and management of COPD.

The next steps of the project include creating assets that PCPs can utilize in their practice, including a COPD-specific patient questionnaire, an e-learning module reviewing key symptoms and suggested patient workups, a decision-making tool walking through various patient scenarios, and more.

Also in the works is a Bridging Specialties program on nontuberculous mycobacteria disease and bronchiectasis, disease states that are complex to diagnose and treat, and often mimic other lung conditions such as chronic bronchitis or TB. Efforts are ongoing to conduct research that will inform the educational assets and clinical tools that are part of this project.

To learn more about the Bridging Specialties initiative, including the latest findings from its grant researchers, visit the Experience CHEST booth in the Exhibit Hall. ■

CHEST gratefully acknowledges the following supporters of Bridging Specialties: Timely Diagnosis for ILD.

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Three Lakes Foundation

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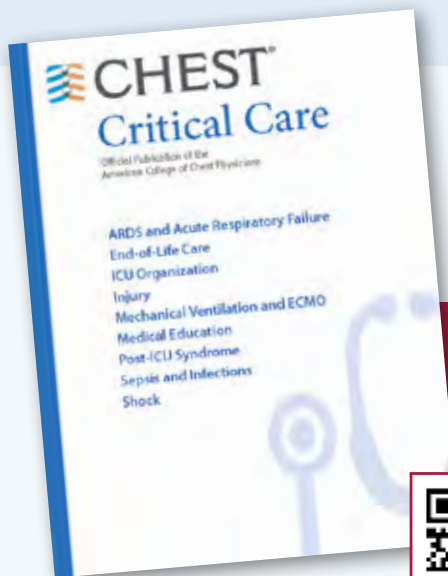
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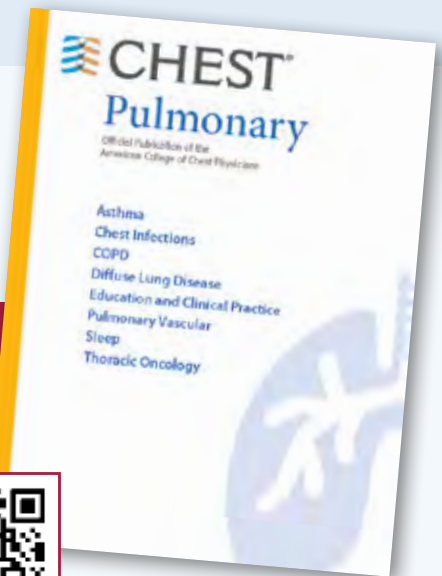


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2025 Simulation Calendar

See the 2025 schedule and be alerted when registration opens



**Course dates are subject to change*

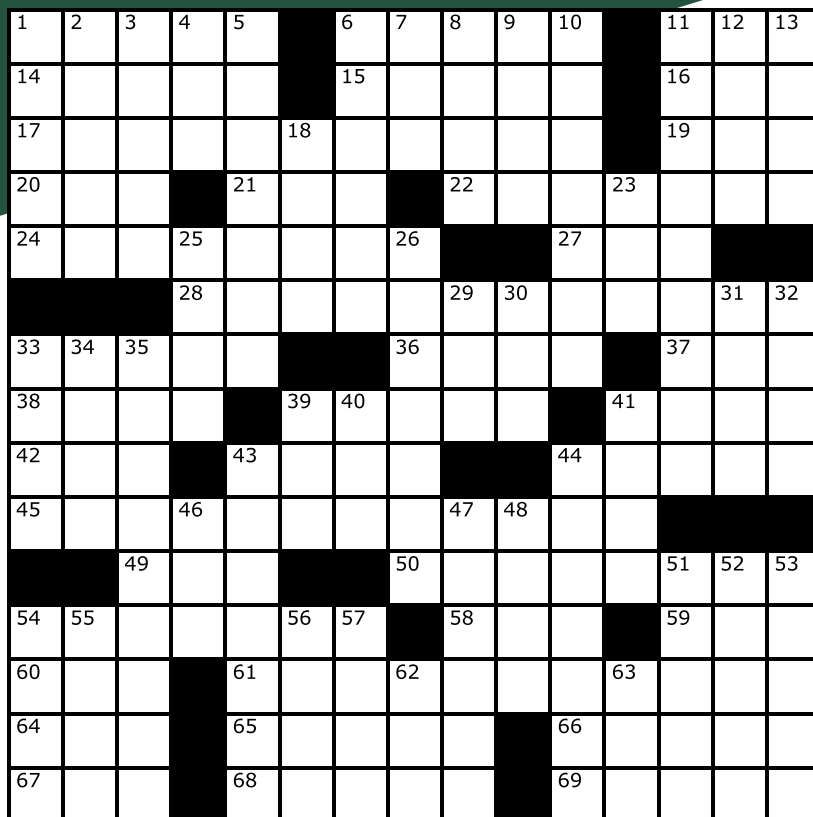
CHEST 2024

CROSSWORD

Created by
David P. Steensma, MD

ACROSS

1. Unpaired thoracic organ
6. "____ up the flagpole" organizational cliché
11. Doctrine: Suffix
14. Word with ear, tube, or peace
15. Be theatrical
16. ____ culpa
17. Tent camp of the Great Depression
19. The lung version of high BP
20. Season-ending knee injury initials
21. *The Raven* writer, associated with Baltimore but born in Boston
22. Bony sockets for tooth roots, or sites of gas exchange
24. Books of synonyms
27. Double curve in the road
28. Bridges between languages
33. Some Profs.
36. Globes
37. Essential card for a mobile phone
38. Pool exercises
39. Queen ____ lace
41. Foreshadow well or ill
42. Building addition
43. Clog or pump (comfort is essential for navigating large conference centers)
44. Perceive
45. Instruments for measuring earth tremors (Taylor Swift concerts reportedly register on them)
49. ____-la-la
50. Board game with marshals, generals, bombs, and flags
54. 7th-century C.E. English abbot and saint who is Boston's namesake
58. Fiddle stick
59. ____ Alamos, New Mexico
60. First mate?
61. "We need to be honest to ourselves here" (three words)
64. ____ Lingus, which has many Boston Logan flights
65. Allow into a school
66. Leading by a single point
67. ____ *Doubtfire*
68. Popular camera types (abbr.)
69. Argentine dance requiring two



DOWN

1. Companion to a crash and a snare
2. Methuselah's father and Cain's son
3. American lizard
4. MLK's title
5. Boring tools
6. Horseriding 18th-century silversmith who gave his name to a Boston suburb
7. Japanese for "sea"
8. Nickname for city also called the "Big Easy"
9. "Not perfect, but ____ have to do"
10. Best Buy buys, informally
11. Take advantage of someone
12. Navy commando
13. Half of a common dolphinfish
18. Defeat decisively
23. Current Boston clock setting (A.K.A. -5 UTC)
25. Poses
26. Laundry workers with pressing concerns
29. Cousin of ante-
30. Edinburgh-based Int'l. bank
31. Frees (of)
32. *Peter Pan* pirate
33. Guinness and others
34. Shopper's delight
35. Rival of lumpers in disease classification
39. Carolina Hurricanes ice hockey captain Sebastian
40. Yuletide beverage
41. Top-quality, e.g. "CHEST 2024 is the ____ pulmonary medicine meeting of the year"
43. A short notice?
44. Peninsula that Boston is built on, which from 1625 to 1630 had one resident, William Blaxton
46. Above capacity in a theater (abbr.)
47. Baseball hitting attempts stat
48. Egg on
51. Rock's ____ John, singer at Diana's funeral
52. Auctioneer's repeated word
53. Bone: Prefix
54. Laser light
55. Completed
56. Acronym for substances which are banned in athletics
57. Web design 101 letters
62. Paul McCartney, for one
63. Draft letters

Answer key on page 56

Learning Theaters

CHEST 2024 EXHIBITORS STAGE PRESENTATIONS THROUGHOUT THE MEETING IN FOUR LEARNING THEATERS IN THE EXHIBIT HALL. STOP BY DURING BREAKS IN THE EDUCATIONAL SCHEDULE.

MONDAY, OCTOBER 7

10:15 AM – 11 AM

Disease Characteristics, Treatments, and Outcomes: Recent Findings From a Large, Real-World PAH Drug Registry

Johnson & Johnson

Learning Theater 1

The Importance of a Proactive Approach to the Management of COPD

AstraZeneca

Learning Theater 2

Understanding Inhibition of Key Cytokines: Explore a Clinical Option for Asthma

Sanofi | Regeneron

Learning Theater 3

Should We Be Targeting Eosinophils Regardless of Allergic Status in Patients With Severe Eosinophilic Asthma?

GSK

Learning Theater 4

12:15 PM – 1 PM

PH-ILD Screening, Diagnoses, and Future Research

Liquidia

Learning Theater 1

Clinical and Patient-Centered Discussions on the Role of Inflammation in Bronchiectasis

Insmid Incorporated

Learning Theater 2

Biomarkers and Drivers of Disease: Why Should You Phenotype Your Patients With Asthma and COPD?

GSK

Learning Theater 3

Expert Perspectives: Identification and Management of Eosinophilic Granulomatosis With Polyangiitis

GSK

Learning Theater 4

2:30 PM – 3:15 PM

Recognizing ILD: From Diagnosis to Patient Impact

Boehringer Ingelheim

Learning Theater 1

Advances in Managing Chronic Obstructive Lung Disease

Sanofi | Regeneron

Learning Theater 2

One Approach, Many Patients: Addressing Eosinophilic Inflammation

AstraZeneca

Learning Theater 3

Keep It Moving: Advancing Patients From Presentation to Refractory Chronic Cough Diagnosis

GSK

Learning Theater 4

TUESDAY, OCTOBER 8

10:30 AM – 11:15 AM

A Development for Adults With Pulmonary Arterial Hypertension

Merck & Co., Inc.

Learning Theater 1

Navigating the COPD Patient Journey With Maintenance Nebulization

Viatis

Learning Theater 2

Unraveling the Complexity: Managing Multiple Drivers and Triggers of Inflammation in Severe Asthma

Amgen/AstraZeneca

Learning Theater 3

Building on Foundational Pathways: A Treatment Option for PAH

Johnson & Johnson

Learning Theater 4

12:30 PM – 1:15 PM

The Current State of OFEV® (Nintedanib) Capsules: Insights for the Healthcare Practitioner

Boehringer Ingelheim

Learning Theater 1

Two Diseases, One Pathway: Explore a Treatment Option for Multiple Respiratory Diseases

Sanofi | Regeneron

Learning Theater 2

AIRSUPRA® (albuterol 90 mcg/budesonide 80 mcg): A Paradigm Shift

AstraZeneca

Learning Theater 3

Asthma Drivers of Disease: The Effects of IL-5 on Eosinophils and Other Cell Types That Contribute to Airway Remodeling and Disease Progression

GSK

Learning Theater 4

2 PM – 2:45 PM

Pulmonary Alveolar Proteinosis: Pathophysiology, Diagnosis, and Management

Savara

Learning Theater 1

Navigating RSV in Adults: Insights Into Disease and Vaccination

GSK

Learning Theater 2

Expert Perspectives on the Treatment of DVT/PE and Reduction in the Risk of Recurrent DVT/PE, With a Focus on High-Risk Patient Populations

Johnson & Johnson

Learning Theater 3

Clinical Insights and Evidence-Based Strategies to Elevate Your Pulmonary Embolism Practice

Boston Scientific

Learning Theater 4

WEDNESDAY, OCTOBER 9

10:30 AM – 11:15 AM

Ignite New Thinking in COPD: Exploring Type 2 Inflammation

Sanofi | Regeneron

Learning Theater 1

Real World Results With the MONARCH Platform

Johnson & Johnson MedTech

Learning Theater 2

Epithelial Cytokines: Connecting the Dots in Severe Asthma and COPD

Amgen | AstraZeneca

Learning Theater 3

Patient Impact & Case Studies: The Real-World Value of Biomarkers in Lung Nodule Management

Biodesix

Learning Theater 4

12:30 PM – 1:15 PM

Treatable Traits in COPD: Optimizing Patient Care in an Era of Precision Medicine

Sanofi US Respiratory Medical

Learning Theater 1

Clinical Considerations for Sleep Specialist on the Improvement of Wakefulness in Patients With Excessive Daytime Sleepiness

Axsome Therapeutics

Learning Theater 3

Managing Acute PE: Looking Beyond the Guidelines and Highlighting Late-Breaking Data

Inari Medical

Learning Theater 4



Please join us for two Learning Theaters

Disease Characteristics, Treatments, and Outcomes:

Recent Findings From a Large, Real-World, PAH Drug Registry

Monday, October 7, 2024

10:15 am - 11:00 am ET

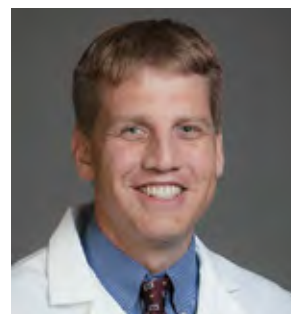
**Learning Theater 1
Exhibit Hall**

Boston Convention and Exhibition Center

Pulmonary arterial hypertension (PAH) is a progressive disease characterized by restricted blood flow through the pulmonary vasculature ultimately leading to right heart failure.¹ This theater will feature John Kingrey, MD, a PAH thought leader, who will review recent real-world evidence from a large, multicenter, prospective, observational PAH drug registry.

1. McLaughlin VV, Shah SJ, Souza R, et al. *J Am Coll Cardiol*. 2015;65:1976-1997.

Faculty



John Kingrey, MD

Director, INTEGRIS Health Pulmonary
Hypertension Center of Oklahoma
Oklahoma City, Oklahoma

*This consultant is a paid speaker
for Johnson & Johnson.*

BUILDING ON FOUNDATIONAL PATHWAYS: A Treatment Option for PAH



Faculty

Raj Parikh, MD, MPH

Assistant Professor of Medicine
Director of the Pulmonary
Hypertension Center
Hartford Hospital
Hartford, Connecticut

This consultant is a paid speaker for Johnson & Johnson.

Tuesday, October 8, 2024

10:30 am - 11:15 am ET

**Learning Theater 4
Exhibit Hall**

Boston Convention and Exhibition Center

This theater will feature Raj Parikh, MD, MPH, a PAH thought leader, who will review a treatment option for patients with pulmonary arterial hypertension (PAH).

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Industry-Supported CME Satellite Symposia

SUNDAY, OCTOBER 6

12 PM – 1:15 PM

Clinical Strategies for Severe Asthma and Chronic Inflammatory Airway Diseases

Convention Center, Room 156

This activity sponsored by an educational grant from AstraZeneca.

Pulmonary Hypertension Virtual Patient Encounters: A Patient Simulation Experience

Convention Center, Room 157

This activity is supported by an educational grant from Actelion Pharmaceuticals US, a Janssen Pharmaceutical Company of Johnson & Johnson, Merck & Co. Inc., and United Therapeutics, a public benefit company.

Overcoming Barriers to Early Diagnosis and Optimizing Management of Idiopathic Hypersomnia: How Does Your Approach Compare With the Experts'?

Omni Hotel, Momentum ABC

This program is supported by an independent medical education grant from Jazz Pharmaceuticals.

Emerging Strategies for Improving Outcomes in Patients With Inflammatory Airway Disease: Understanding the Role of IL-33

Omni Hotel, Momentum D

This activity sponsored by an educational grant from AstraZeneca Pharmaceuticals.

Ditch the Diagnostic Delays: Patients With PAH Tell Their Stories

Omni Hotel, Momentum EFG

This activity is supported by an educational grant from Merck, Inc., and Actelion Pharmaceuticals US, a Janssen Pharmaceutical Company of Johnson & Johnson.

MONDAY, OCTOBER 7

6 AM – 7:30 AM

Piecing Together the RSV Mosaic: Patient Narratives to Empower Immunization Efforts

Omni Hotel, Momentum ABC

This activity is supported by an educational grant from GSK.

Experts vs AI Challenge: Diagnosing and Managing Nontuberculous Mycobacterial Lung Disease

Omni Hotel, Momentum D

This activity is supported by an educational grant from Insmmed.

Expert-Guided Strategies to Improve Recognition, Diagnosis, and Treatment of PH Associated With ILD

Omni Hotel, Momentum EFG

This activity is supported by an educational grant from United Therapeutics, a public benefit company.

TUESDAY, OCTOBER 8

6 AM – 7:30 AM

Developments in Non-Cystic Fibrosis Bronchiectasis: From Diagnosis to Novel Mechanisms Addressing Neutrophilic Inflammation

Omni Hotel, Momentum ABC

Supported by an educational grant from Insmmed.

MPA, GPA, and EGPA: What the Pulmonologist Needs to Know

Omni Hotel, Momentum EFG

This activity is supported by an educational grant from AstraZeneca.

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CHEST 2024 Crossword

Answers to puzzle on page 53

H	E	A	R	T		R	U	N	I	T		I	S	M
I	N	N	E	R		E	M	O	T	E		M	E	A
H	O	O	V	E	R	V	I	L	L	E		P	A	H
A	C	L		P	O	E		A	L	V	E	O	L	I
T	H	E	S	A	U	R	I				E	S		
			I	N	T	E	R	P	R	E	T	E	R	S
A	S	S	T	S		O	R	B	S		S	I	M	
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E	L	L		S	H	O	E			S	E	N	S	E
S	E	I	S	M	O	G	R	A	P	H	S			
		T	R	A			S	T	R	A	T	E	G	O
B	O	T	O	L	P	H		B	O	W		L	O	S
E	V	E		L	E	T	S	A	D	M	I	T	I	T
A	E	R		A	D	M	I	T		U	P	O	N	E
M	R	S		D	S	L	R	S		T	A	N	G	O

Industry-Supported Non-CME Satellite Symposium

MONDAY, OCTOBER 7

6 PM – 9 PM

TYVASO DPI® (treprostinil inhalation powder): Clinical Pearls and Drug-Device Characteristics

Omni Hotel, Momentum ABC

Supported by United Therapeutics

CLINICAL STRATEGIES FOR Severe Asthma & Chronic Inflammatory Airway Diseases



This educational program brings together expert pulmonologists and allergists to discuss the complex and interconnected relationship between severe asthma and upper airway disease, including inflammatory pathways and biomarkers in chronic respiratory disease, and current and emerging therapies for managing patients with severe asthma and comorbid upper airway disease.

Join Us for a Free CME
Lunch Satellite Symposium 

Sunday, October 6, 2024

12 p.m. – 1:15 p.m.

**Boston Convention and Exhibition Center
Room 156**

Supported by an educational grant from AstraZeneca Pharmaceuticals.



RSVP with QR code or visit
njhealth.org/AsthmaAirway

Please arrive early for registration and
lunch before the program begins.

**Visit the National Jewish Health
Booth #1259 in the exhibit hall.**

 **National Jewish
Health®**
Breathing Science is Life.®

Faculty



Ron Balkissoon, MD, MSc, DIH, FRCPC
Staff Physician
Division of Pulmonary, Critical Care
& Sleep Medicine
Department of Medicine
National Jewish Health | Denver, Colorado



David Beuther, MD, PhD, FCCP
Chief Medical Information Officer
Professor of Medicine
Division of Pulmonary, Critical Care
& Sleep Medicine
National Jewish Health | Denver, Colorado



Eileen Wang, MD, MPH
Associate Professor
Division of Allergy & Clinical Immunology
Department of Medicine
National Jewish Health | Denver, Colorado

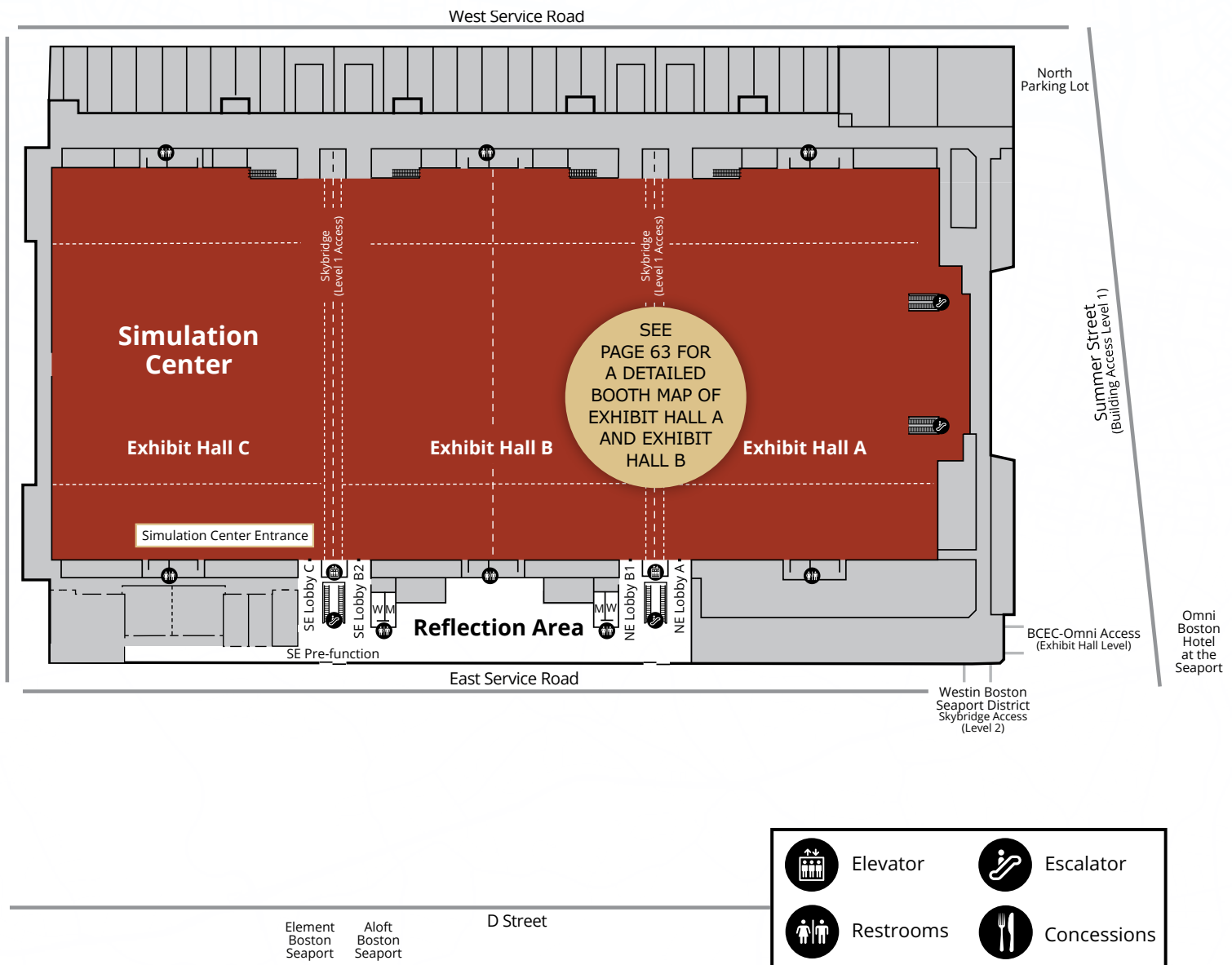
For questions, contact the Office of Professional
Education at National Jewish Health
303.398.1000 or 800.844.2305 | ProEd@njhealth.org

This symposium is not supported, endorsed, or accredited by the American College of Chest Physicians, unless otherwise noted.

Boston Convention & Exhibition Center

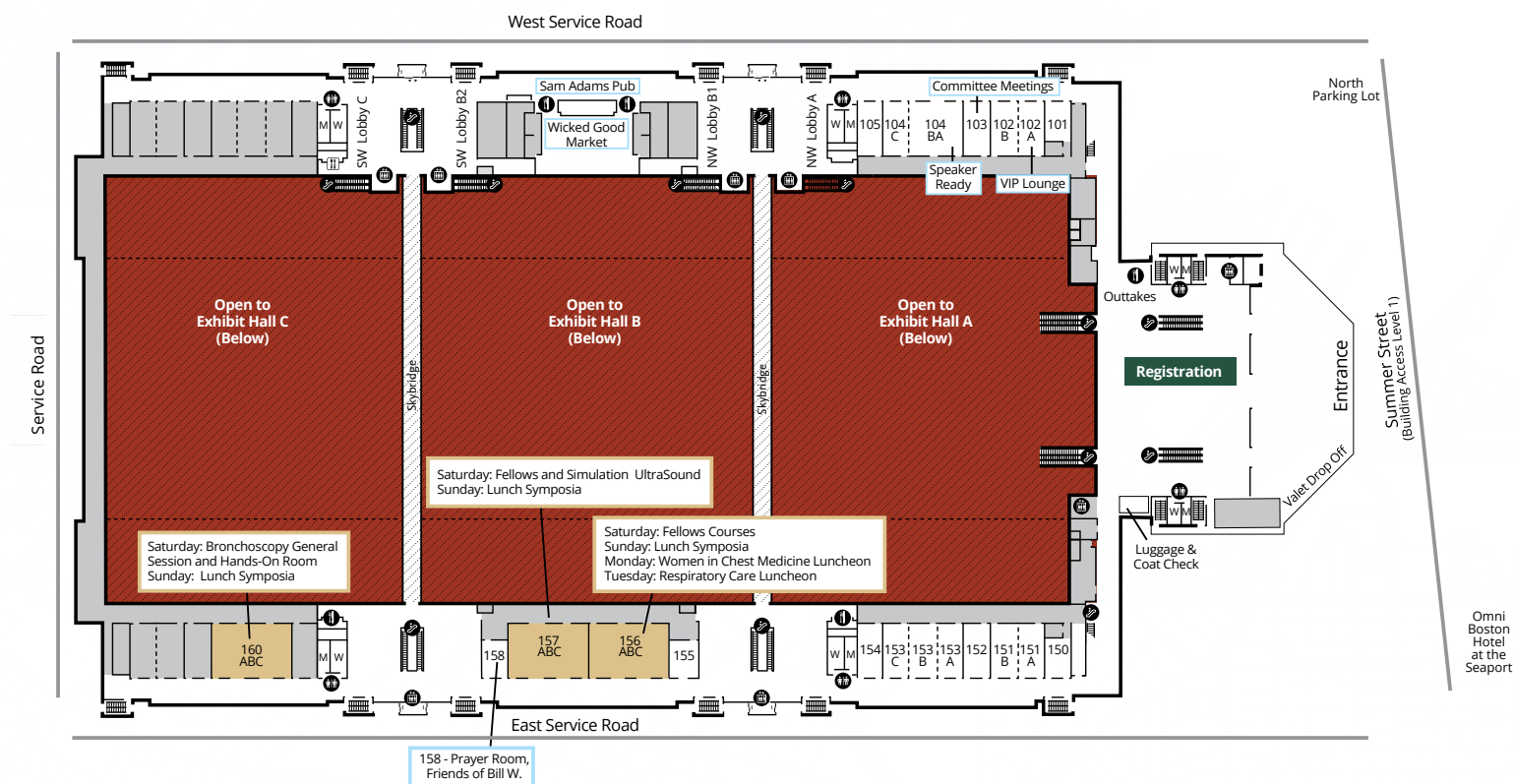
EXHIBIT HALL & SIMULATION CENTER

Exhibit Level



REGISTRATION & SESSION ROOMS

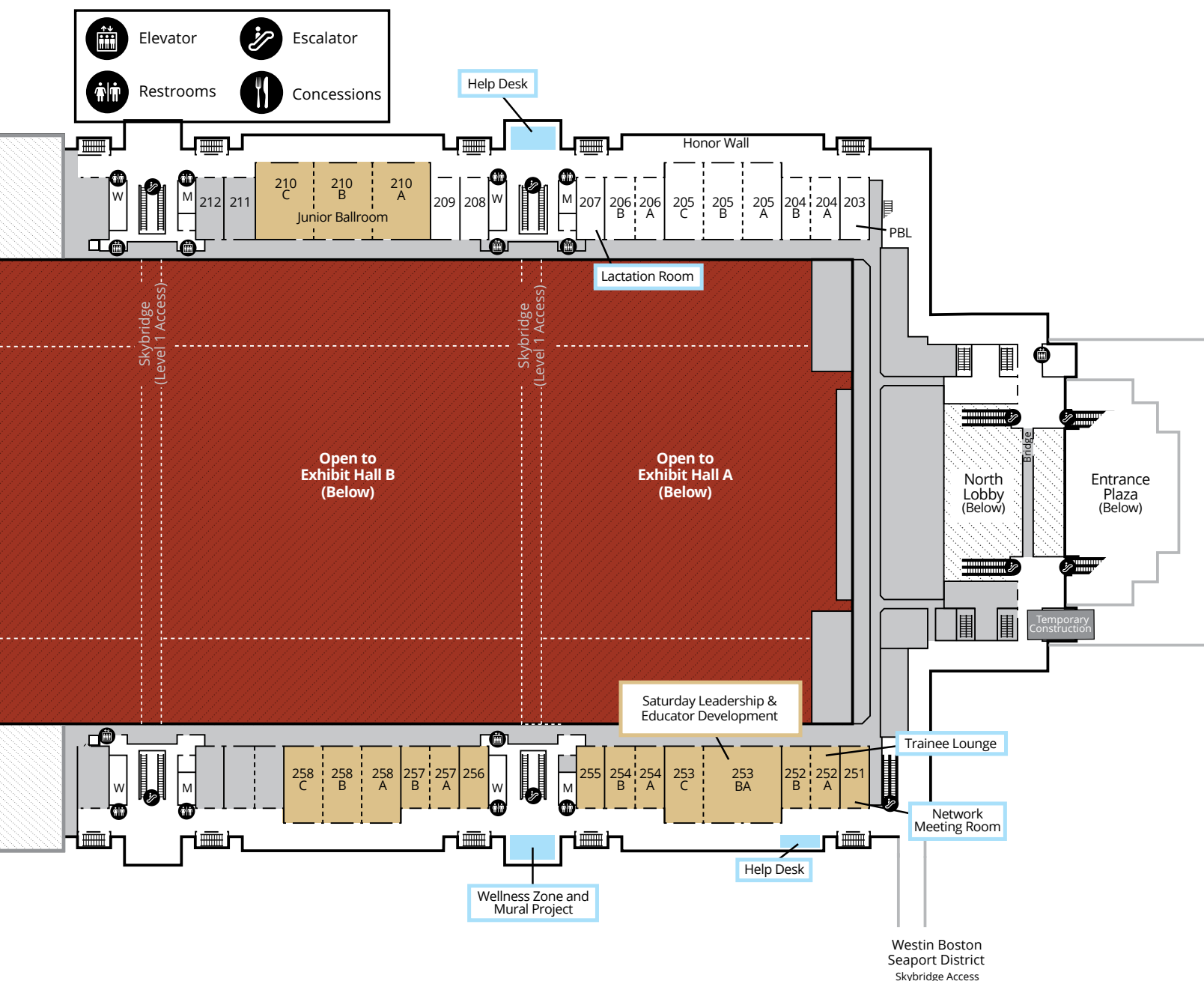
Level One



Boston Convention & Exhibition Center

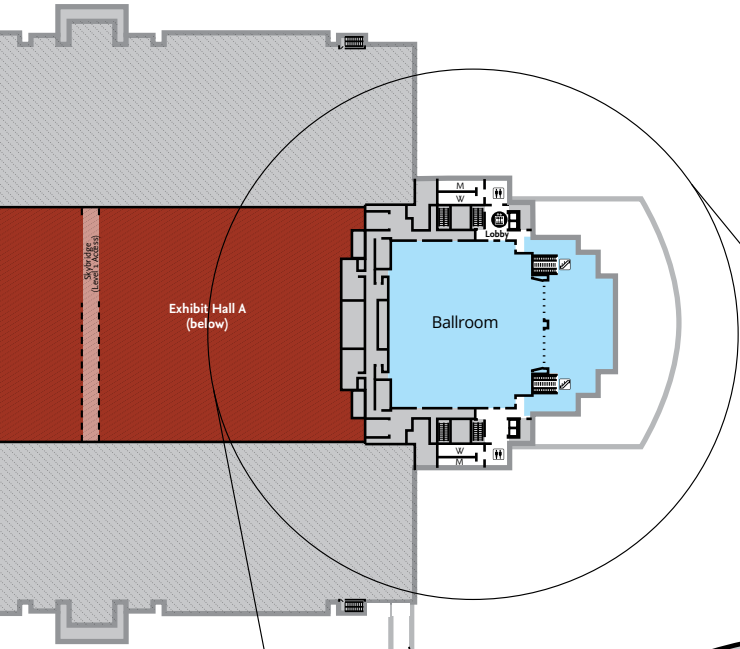
SESSION ROOMS & WELLNESS ZONE

Level Two

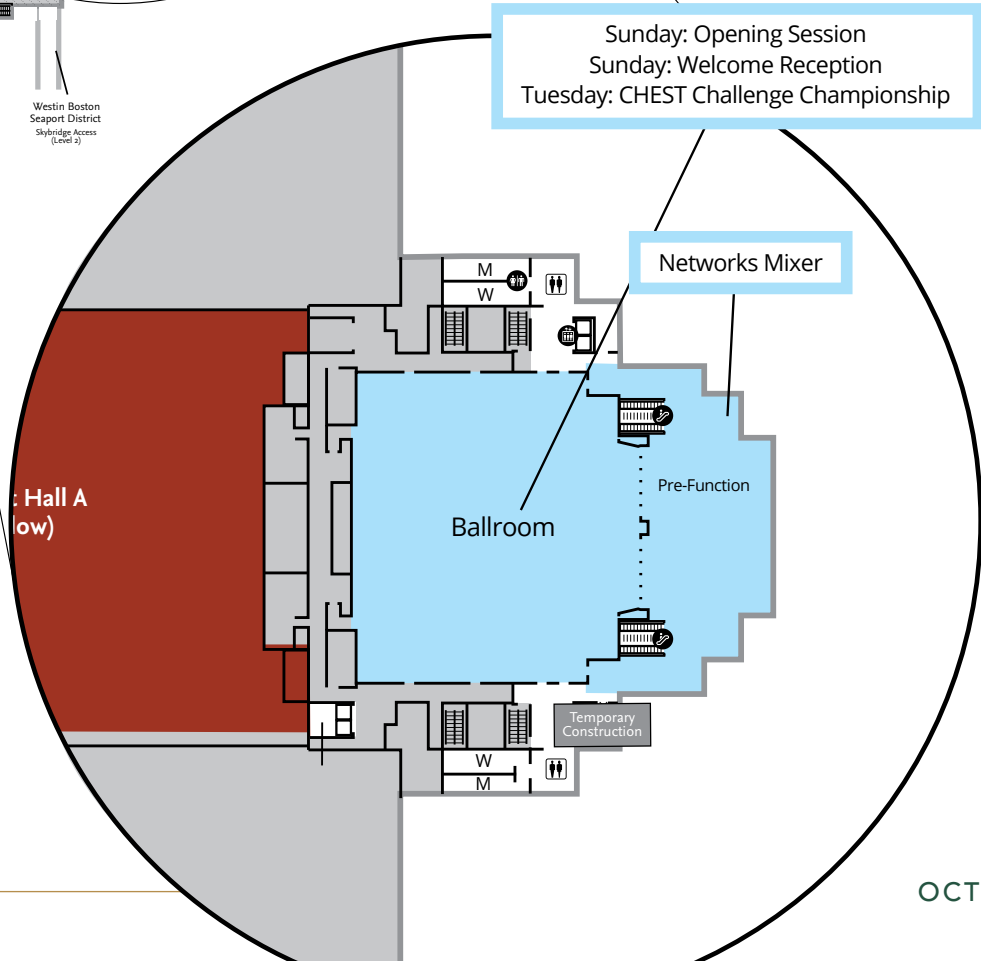


BALLROOM & PRE-FUNCTION AREA

Level Three



	Elevator		Escalator
	Restrooms		Concessions



CHEST 2024

Exhibit Hall



Exhibitors

4DMedical 958

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HOURS

Monday, October 7
10 AM – 4 PM

Tuesday, October 8
10 AM – 3 PM

Wednesday, October 9
10 AM – 2:30 PM

Exhibit Hall Highlights

■ Experience CHEST

An exclusive area featuring bite-sized presentations from the top names in chest medicine, plus access to the CHEST Store and the free T-shirt giveaway

■ Poster Pavilions and Rapid-Fire Presentation Areas

Select live presentations of scientific research and case reports

■ CHEST Games

Innovative and interactive educational opportunities, including escape rooms

■ Learning Theaters

Focused presentations that offer clinical insights

■ Concessions

Lunch and snacks available for purchase

TYVASO DPI® (TREPROSTINIL INHALATION POWDER): CLINICAL PEARLS AND DRUG-DEVICE CHARACTERISTICS

**OMNI BOSTON HOTEL AT THE SEAPORT
MOMENTUM ABC, LEVEL FIVE
MONDAY, OCTOBER 7TH**

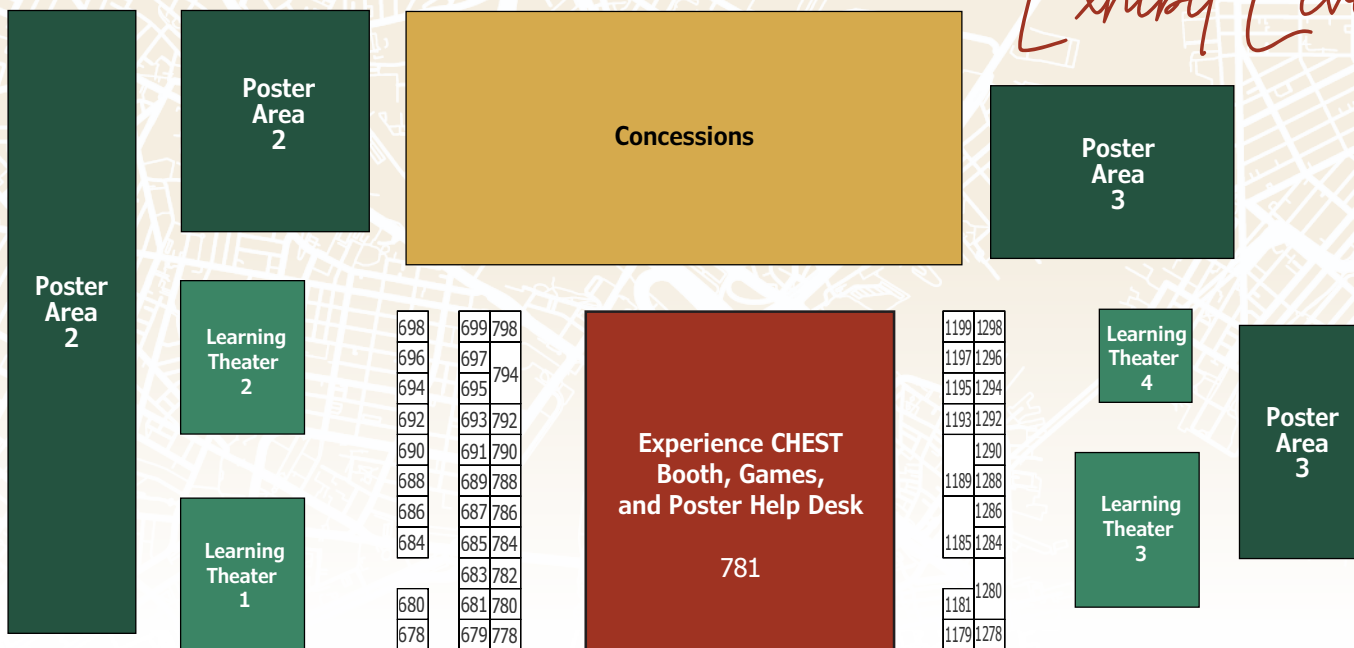


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BOSTON CONVENTION & EXHIBITION CENTER

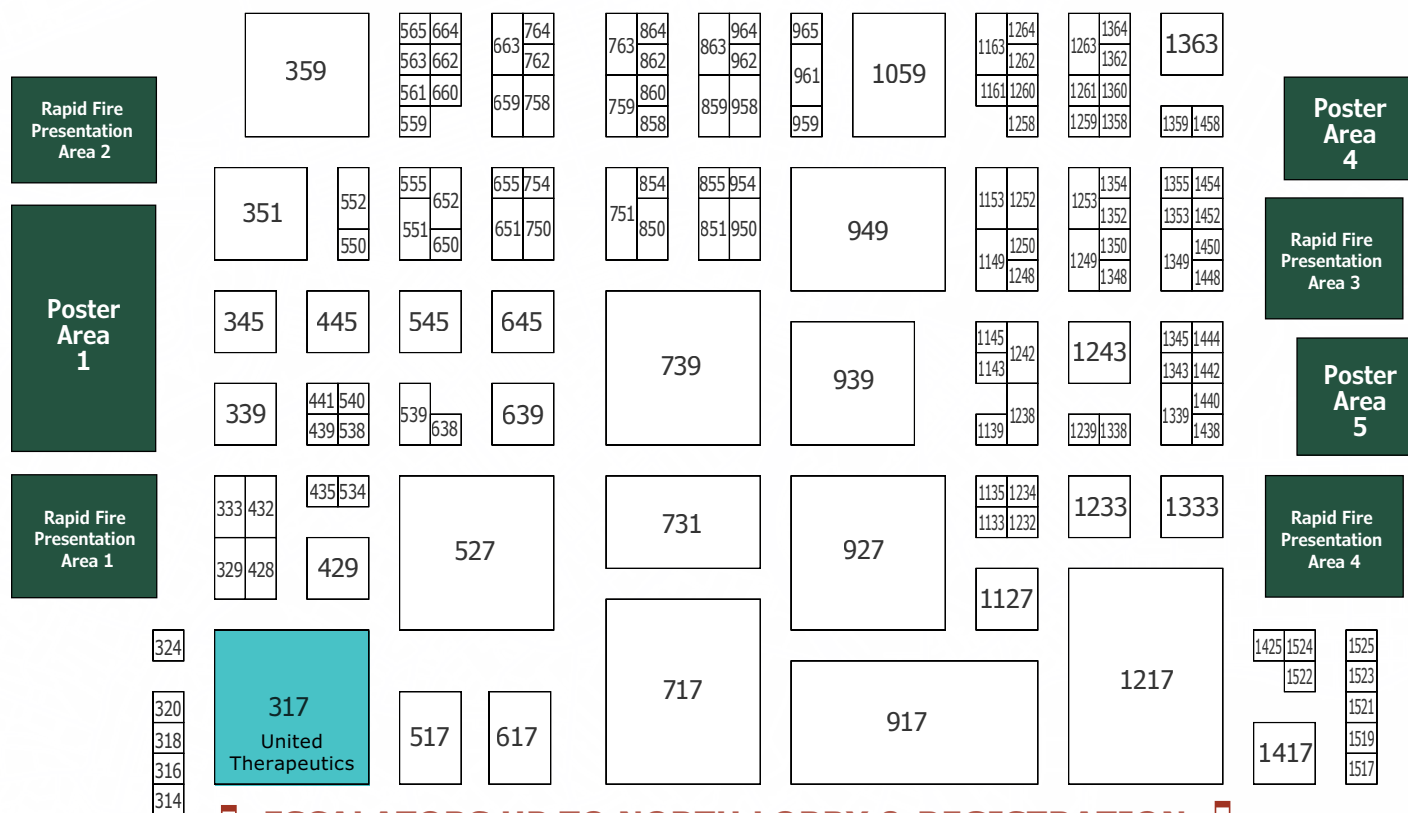
Exhibit Level

EXHIBIT HALL B



BRIDGE ACROSS EXHIBIT HALL

EXHIBIT HALL A



↓ **ESCALATORS UP TO NORTH LOBBY & REGISTRATION** ↓

REGISTRATION & DINNER: 6:00 PM EDT
PRESENTATION: 6:15 PM EDT

FOR MORE INFO, VISIT BOOTH #317

This is a non-CME event and does not qualify for CME, CE, or MOC credit. This event is not part of the official CHEST Annual Meeting 2024 conference sessions. This event is not endorsed by CHEST and does not reflect the views or opinions of CHEST.

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List accurate as of September 17, 2024.

CHICAGO

CHEST 2025

October 19-22 | Chicago, Illinois

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CHEST 2025
booth in the
North Lobby to
learn more about
this exciting
destination!

Call for Topics Is Open for CHEST 2025

Tell us what you want to learn at CHEST 2025. Help shape the curriculum by submitting topic ideas from areas you're passionate about, topics affecting your practice, or new technologies you'd like to learn more about.



**Submit
Today**

Submission deadline:
December 4, 2024
2 PM CT



SAVE THE DATE! CHEST 2025 will be in Chicago, October 19 – 22, 2025

IN BRONCHIECTASIS,
NEUTROPHILIC INFLAMMATION
CAN BE A DAMAGING FORCE



Attend a Learning Theater at CHEST 2024

**Clinical and patient-centered discussions
on the role of inflammation in bronchiectasis**



Sunjay R Devarajan, MD

Assistant Professor, Associate Director
of Adult Cystic Fibrosis Program,
Co-Director of Non-tuberculous
Mycobacterial Diseases Program,
Section of Pulmonary/Critical Care
Baylor College of Medicine
Houston, TX



Brian Morrissey, MD

Professor of Clinical Internal
Medicine
University of California, Davis
Sacramento, CA



Monday, October 7



12:15 PM to 1:00 PM ET

Lunch will be provided



Learning Theater 2

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