FIRST ANNUAL CANNING THORACIC INSTITUTE
RESPIRATORY AND CRITICAL CARE SYMPOSIUM

SEPTEMBER 30 - OCTOBER 1, 2022
DOUBLETREE HOTEL – CHICAGO MAGNIFICENT MILE

REGISTER NOW!
cme.northwestern.edu
The 1st Annual Canning Thoracic Institute Respiratory and Critical Care Symposium brings together experts in the fields of pulmonary medicine, critical care medicine, and thoracic surgery to discuss evidence-based updates of high-yield topics in the field. The activity aims to foster continued learning, discussion, and collaboration among a broad community of interprofessional learners.

LEARNING OBJECTIVES
At the conclusion of this activity, participants should be able to:

1. Describe and integrate high impact evidence-based updates in pulmonary medicine into clinical practice
2. List new strategies for the management of critically ill patients with sepsis and respiratory failure
3. Describe the current public health implications of respiratory disease
4. Demonstrate new skills performing critical care procedures and advanced bronchoscopy
5. Apply new strategies for chest imaging interpretation
6. Describe and apply a multidisciplinary approach to the diagnosis and management of lung cancer
7. Examine the role of targeted biologic therapies in the management of asthma
FACULTY

COURSE DIRECTORS

Anthony Esposito, MD
Assistant Professor of Medicine
Associate Director,
Pulmonary and Critical Care Fellowship Program
Canning Thoracic Institute

Benjamin Seides, MD
Director, Interventional Pulmonary, NM West
Regional Director,
Canning Thoracic Institute

Chiagozie Pickens, MD
Assistant Professor of Medicine
Canning Thoracic Institute

Clara Schroedl, MD
Associate Professor of Medicine and Medical Education
Director, Pulmonary and Critical Care Fellowship Program
Canning Thoracic Institute

MEDICINE FACULTY

Diego Avella Patino, MD
Assistant Professor of Surgery
Canning Thoracic Institute

Nandita Nadig, MD, MS
Associate Professor of Medicine
Medical Director,
Critical Care Integration
Canning Thoracic Institute

Ravi Kalhan, MD, MS
Associate Professor of Medicine
Professor of Medicine and Preventive Medicine
Canning Thoracic Institute

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Assistant Professor of Medicine
School of Medicine
University of Wisconsin
Public Health
Madison, WI

Sonali Bose, MD, MPH
Associate Professor of Medicine
Canning Thoracic Institute

Theresa Lombardo, DNP
APRN-CNP
Lead Advanced Practice Provider
Canning Thoracic Institute

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Pulmonary and Critical Care Fellow
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Health System Clinician of Surgery
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Canning Thoracic Institute

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Mount Sinai – National Jewish Respiratory Institute
New York, NY

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Chitaru Kurihara, MD
Clinical Instructor of Surgery
Canning Thoracic Institute

David Kidd, MD
Pulmonary and Critical Care Fellow
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Pulmonary and Critical Care Fellow
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Marc Sala, MD
Assistant Professor of Medicine
Canning Thoracic Institute

Michael Cuttica, MD
Associate Professor of Medicine
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Michelle Prickett, MD
Associate Professor of Medicine
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Nisha Mohindra, MD
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Canning Thoracic Institute

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Associate Professor of Surgery and Medicine
Director, Robotic Thoracic Surgery Program
Canning Thoracic Institute

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Canning Thoracic Institute

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Pulmonary and Critical Care Fellow
Canning Thoracic Institute

Thaddeus “Ted” Cybulski, MD, PhD
Pulmonary and Critical Care Fellow
Canning Thoracic Institute

Thomas Bolig, MD
Pulmonary and Critical Care Fellow
Canning Thoracic Institute

Timothy Rowe, MD
Pulmonary and Critical Care Fellow
Canning Thoracic Institute

GUEST FACULTY

Douglas A. Arenberg, MD
Professor of Medicine
University of Michigan
Medical School
Ann Arbor, MI

Ithan D. Peltan, MD
Associate Professor of Medicine
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Andrew Arndt, MD
Health System Clinician of Surgery
Canning Thoracic Institute

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Timothy Rowe, MD
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Canning Thoracic Institute
### FRIDAY, SEPTEMBER 30, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tr>
<td>8:30 am</td>
<td>REGISTRATION AND BREAKFAST</td>
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<tr>
<td>9:25 am</td>
<td>WELCOME AND OPENING REMARKS</td>
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<tr>
<td>8:30 am</td>
<td>MORNING SESSION</td>
<td>High Impact Evidence-based Updates in Pulmonary and Critical Care Medicine</td>
<td>Ravi Kalhan, MD &amp; Clara Schroedl, MD</td>
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<tr>
<td>10:00 am</td>
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<td>PULMONARY TRACK: Evidence to Practice: Case-Based Challenges in Chronic Lung Disease</td>
<td>Anthony Esposito, MD &amp; Betty Tran, MD</td>
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<tr>
<td>10:30 am</td>
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<td>MODERATORS: Anthony Esposito, MD &amp; Betty Tran, MD</td>
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<tr>
<td>10:45 am</td>
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<td>11:05 am Broken Out: Evidence to Practice: Case-Based Challenges in Chronic Lung Disease</td>
<td>Ravi Kalhan, MD &amp; Clara Schroedl, MD</td>
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<tr>
<td>12:00 pm</td>
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<td>12:00 pm LUNCH BREAK</td>
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### BREAKOUT SESSION
**PULMONARY TRACK: Evidence to Practice: Case-Based Challenges in Chronic Lung Disease**  
**MODERATORS:** Anthony Esposito, MD & Betty Tran, MD

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<tr>
<td>1:30 pm</td>
<td>Non-Invasive Ventilation for Patients with Severe COPD: It Works!... But How Do We Implement It?</td>
<td>Elen Gusman, MD, John Martin Coleman, MD</td>
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<tr>
<td>2:05 pm</td>
<td>Real-world Applications of Anti-fibrotic Therapies for Pulmonary Fibrosis</td>
<td>Sydney Hyder, MD, Anthony Esposito, MD</td>
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<tr>
<td>2:35 pm</td>
<td>BREAK</td>
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<tr>
<td>2:50 pm</td>
<td>Follow-up After a Pulmonary Embolism: What Is Supposed to Happen?</td>
<td>Romy Lawrence, MD, Michael Cuttica, MD</td>
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<tr>
<td>3:25 pm</td>
<td>Management Considerations in the Face of Uncertainty: A Rational Approach to Checkpoint Inhibitor Pneumonitis</td>
<td>Betty Tran, MD, Alexandra Hanrahan, MD</td>
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<tr>
<td>4:00 pm</td>
<td>Treatment of Pulmonary Mycobacterium Avium Complex: New Options for an Old Problem</td>
<td>Ted Cybulski, MD, Michelle Prickett, MD</td>
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### BREAKOUT SESSION
**CRITICAL CARE TRACK: Implementing Patient-Centered Care in the ICU**  
**MODERATORS:** Nandita Nadig, MD & Chiagozie Pickens, MD

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<tr>
<td>1:30 pm</td>
<td>Leaving No Stone Unturned: Transplant Evaluations and Candidacy for Patients with Severe ARDS</td>
<td>Anthony Joudi, MD, Chitaru Kurihara, MD</td>
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<tr>
<td>2:05 pm</td>
<td>PRO: COVID Causes “Traditional” ARDS</td>
<td>Catherine Gao, MD, Marc Sala, MD</td>
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<tr>
<td>2:35 pm</td>
<td>BREAK</td>
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<tr>
<td>2:50 pm</td>
<td>Confronting the Momentum of Indefinite Care in Critical Illness</td>
<td>David Kidd, MD, Jacky Kruser, MD</td>
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<tr>
<td>3:25 pm</td>
<td>Rapid Diagnostic Guided Treatment of Pneumonia: A Strategy to Lessen Antibiotic Overuse</td>
<td>Tom Bolig, MD, Chiagozie Pickens, MD</td>
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<tr>
<td>4:00 pm</td>
<td>ECMO 101: Applications in Acute Hypoxemic Respiratory Failure</td>
<td>James Walter, MD, Bhalinder Dhaliwal, MD</td>
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<tr>
<td>4:45 pm</td>
<td>RECEPTION: FOOD AND DRINKS</td>
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AGENDA

SATURDAY, OCTOBER 1, 2022

8:00 am  REGISTRATION AND BREAKFAST

9:00 am  SIMULATION LAB
MODERATORS:  
Diego Avella Patino, MD & Ben Seides, MD

SESSION DESCRIPTION
This session will demonstrate and allow the participants to perform procedures frequently needed in the intensive care unit including, central lines, chest tubes, percutaneous tracheostomies. We will also provide a demonstration and an opportunity to perform a navigational bronchoscopy with a robotic platform. Procedures frequently performed with this platform such as localization, biopsy, placement of fiduciary markers and tattooing of target lesions will be included.

Limited to those who purchased separate ticket

SIMULATION PROCTORS
Ben Seides, MD — Percutaneous Tracheostomy
Kristy Todd, PA-C — Chest Tube Placement
Tim Rowe, MD — Central Line Insertion
Kaitlyn Vitale, MD — Central Line Insertion
Yousef Hattab, MD — Percutaneous Tracheostomy
Kalvin Lung, MD — Navigational Bronchoscopy

WORKSHOPS

9:00 am  Evidence to Practice Lung Cancer Diagnosis Treatment

SESSION DESCRIPTION
The management of pulmonary nodules can be challenging. We will present the most relevant aspects of radiographic characterization of lung nodules, diagnostic work up, and treatment using robotic minimally invasive platforms and medical therapies based on cancer genetic profiling and lung parenchyma sparing radiation modalities.

THIS SESSION WILL:
1. Describe the radiographic features of a lung nodule suspicious for primary lung cancer;
2. Present robotic approaches for the diagnostic work up of a lung nodule;
3. Demonstrate (videos) the combined approaches of robotic guided biopsy, tattooing, lung parenchyma preserving, and traditional anatomic lung resection; and
4. Discuss alternative medical treatments for lung cancer with an emphasis on personalized approaches.

Sebastian Smith, MD — Pulmonary Medicine
Samuel Kim, MD & Andrew Arndt, MD — Thoracic Surgery
Eric Hart, MD — Radiology
Tarita Thomas, MD — Radiation Oncology
Nisha Mohindra, MD — Medical Oncology

10:30 am  BREAK

10:45 am  A Primer on the Implementation of Quality Improvement Programs in Clinical Practice: How to Develop a Model for Continuous Improvement in Outcomes

SESSION DESCRIPTION
Due to changes in the healthcare landscape, there is intense pressure to improve the quality of care delivered. The pressure is especially intense in critical care, a venue associated with significant mortality, morbidity, and disproportionate cost. At the same time, despite an ever-increasing number of guidelines and an emerging evidence base, knowledge translation is slow and incomplete. The objectives of the session are to provide participants with practical tools that serve as the foundation of quality improvement.

Where Do I Start: Identifying the Problem that Requires a Solution
Nandita Nadig, MD

Understanding the Problem: Process Mapping
Amy Ludwig, MD

Utilizing Implementation Science Principles to Inform the Design of QI Interventions
Sydney Hyder, MD

12:30 pm  WRAP UP & ADJOURNMENT
REGISTRATION

REGISTRATION FEE

- Faculty and/or Physician: $100
- Research Staff: $50
- Nurse/APP/Allied: $50
- Health Professional: $50
- Student, Fellow or Resident: FREE
- Simulations Lab: $50 (LIMITED AVAILABILITY)

QUESTIONS

Questions regarding registration should be directed to cmeconferences@northwestern.edu. Registrations will not be accepted by telephone.

CANCELLATION POLICY

Cancellations must be made in writing to the Office of Continuing Medical Education. The paid registration fee, minus $50, will be refunded if cancellation is received by September 16, 2022. No refunds will be issued thereafter.

HOW TO REGISTER

PLEASE VISIT:
https://northwestern.cloud-cme.com/course/courseoverview?P=0&EID=93273

Registration will close Thursday, September 22, 2022.

REGISTER NOW!
cme.northwestern.edu

Groundbreaking Thoracic Research

Together with Northwestern University Feinberg School of Medicine, Northwestern Medicine is committed to shaping the future of medicine through research. Northwestern Medicine physicians are national leaders in many areas of clinical research and are committed to finding answers to today’s most complex medical questions. And they are translating exciting research discoveries into more effective treatment approaches and prevention strategies for patients.