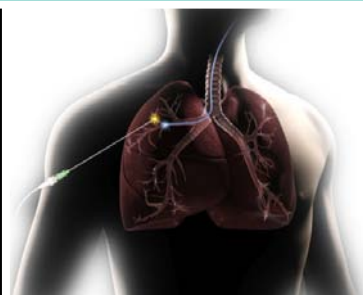
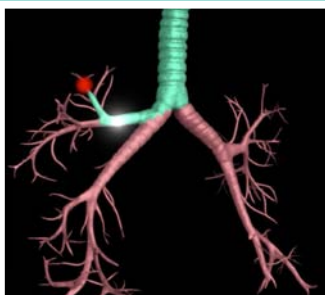
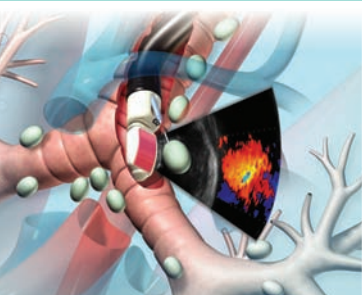


Division of Pulmonary and Critical Care Medicine  
*presents*

FOURTH ANNUAL  
**EBUS** and  
**Advanced Diagnostic  
Bronchoscopy**



**July 30-31, 2015**  
**Hyatt Regency Chesapeake Bay**  
**Cambridge, Maryland**

This activity has been approved for *AMA PRA Category I Credits™*.



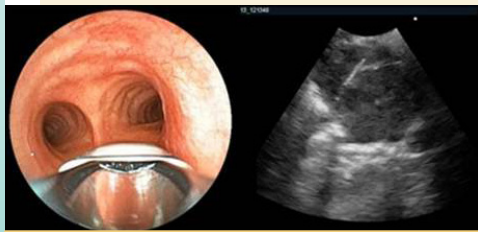
*We help the world breathe®*  
PULMONARY • CRITICAL CARE • SLEEP

This course has been endorsed by the  
**American Thoracic Society.**



**JOHNS HOPKINS**  
MEDICINE

## Description



This activity is designed to educate the practicing pulmonologist and thoracic surgeon as well as other health care professionals in the teaching of endobronchial ultrasound (EBUS) and advanced bronchoscopy. The course is designed to offer a comprehensive training session in EBUS and advanced bronchoscopy and to allow the participant the opportunity to train with experts in the field.

Participants will develop a comprehensive knowledge of the indications and algorithms for approaching patients with mediastinal adenopathy and integrate the information from lecture sessions and hands-on experience to earn a certificate of completion for EBUS.

## Who Should Attend

This activity is intended for advancing the knowledge of pulmonologists, thoracic surgeons and physician assistants, nurse practitioners and radiology technicians interested in the up-to-date care of patients with thoracic malignancy.

## Objectives

After attending this activity, the participant will demonstrate the ability to:

- Use endobronchial ultrasound to guide mediastinal staging.
- Discuss the relevance of mediastinal pathophysiology and how it relates to lung cancer diagnosis and staging.
- Discuss in detail the evaluation and management of patients with mediastinal/hilar adenopathy and lung nodules.

## ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 12.25 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## OTHER CREDIT

### American Academy of Nurse Practitioners National Certification Program

American Academy of Nurse Practitioners National Certification Program accepts *AMA PRA Category 1 Credit*<sup>™</sup> from organizations accredited by the ACCME.

### American Academy of Physician Assistants

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for *AMA*

*PRA Category 1 Credit*<sup>™</sup> from organizations accredited by ACCME. Physician assistants may receive a maximum of 12.25 *AAPA Category 1 CME* credits for completing this program.

### American Nurses Credentialing Center

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credit*<sup>™</sup> from organizations accredited by the ACCME.

### Contact Hours for Non-Physicians

The Johns Hopkins University has approved this activity for 12.25 contact hours for non-physicians.

## POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

# General Information

## REGISTRATION

Thursday, July 30, 2015 • 7:30 – 7:55 a.m.

## LOCATION

Hyatt Regency Chesapeake Bay  
100 Heron Boulevard  
Cambridge, Maryland 21613

## FEES

### REGISTRATION CUT-OFF DATE:

**July 24, 2015**

**Methods of Payment:** Payment by check or credit card must accompany the registration form prior to the activity. On-site payments by credit card only. Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfasts, refreshment breaks, lunches and welcome reception.

Physicians..... \$ 995

Residents\*/Fellows\*/ Nurses/

Nurse Practitioners/Physician Assistants/

Allied Health Professionals..... \$ 500

\*with verification of status

Optional Printed Syllabus (B/W) ..... \$ 45

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by July 24, 2015, call (410) 502-9634 to confirm that you are registered. A certificate of attendance will be sent by September 14, 2015 to the e-mail address you provide on the registration form.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

## LATE FEE AND REFUND POLICY

A \$50 late fee applies to registrations received after 5:00 p.m. ET on July 24, 2015. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by July 24, 2015. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

## SYLLABUS

All registrants will receive a flash drive with the handouts and paper for note-taking. This is included in the cost of your registration. A link to the syllabus will be provided via email shortly before the activity begins if you prefer to study or print the syllabus. A printed copy may be ordered at the time of registration for an additional fee of \$45. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

## WELCOME RECEPTION

A complimentary reception for registrants and faculty will be held July 30, 2015. Please indicate your attendance on the registration form.

*Please note:* The commercial support received is solely for the educational component of this activity and will not be used to support this social event.

## HOTEL AND TRAVEL INFORMATION

### Hyatt Regency Chesapeake Bay

100 Heron Boulevard  
Cambridge, Maryland 21613

PHONE: (410) 901-1234

FAX: (410) 901-6302

Web Site: [www.chesapeakebay.hyatt.com](http://www.chesapeakebay.hyatt.com)

### HOTEL RESERVATION CUT-OFF DATE:

**July 1, 2015**

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

An extraordinary Eastern Shore experience awaits you at the Hyatt Regency Chesapeake Bay. Beautifully situated on the banks of the Choptank River, this 400-acre hotel and resort in Cambridge, Maryland is a delightful location to immerse yourself in paradise. Get away from the city grind with golf, swimming, sailing, fishing, and spa services, all available on-site at this AAA Four Diamond hotel. It's all within reach of Philadelphia, Washington, Baltimore, or whatever you call home. Make your reservation online at <http://aws.passkey.com/g/20350347> or call the hotel directly and specify that you are attending the **Johns Hopkins EBUS** course to receive the special group rate of \$245, single or double, plus \$25 resort fee, plus tax. On-site self parking is complimentary. Valet parking is available at an additional charge. Check-in time is 4:00 p.m. Check out time is 11:00 a.m.

## General Information *continued*

### EVALUATION

A form will be available to attendees to evaluate each session and each speaker's presentation, as well as to identify future educational needs.

### OUTCOMES SURVEY

A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the attendee's practice.

### EMERGENCY CALLS

On July 30-31, 2015, direct emergency calls to (410) 901-1234 and ask that a message be sent to the Johns Hopkins registration desk. Messages will be posted for participants.

### AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

### ACKNOWLEDGEMENT

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

Please note: The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporter/s of this activity may require the Johns Hopkins University School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.



### TO REGISTER or FOR FURTHER INFORMATION

Register Online [www.HopkinsCME.edu](http://www.HopkinsCME.edu)

(credit card and eCheck)

Register by Phone (410) 502-9634

(credit card only)

Register by Fax (866) 510-7088

Confirmation/Certificates (410) 502-9634

General Information (410) 955-2959

E-mail the Office of CME [cmenet@jhmi.edu](mailto:cmenet@jhmi.edu)

Follow us on Twitter:

<http://twitter.com/HopkinsCME>

Facebook:

<http://www.facebook.com/HopkinsCME>

Sponsoring Division Website:

[www.hopkinsmedicine.org/IP](http://www.hopkinsmedicine.org/IP)

For general information, the direct link for this CME activity web page is:

<http://www.hopkinscme.edu/CourseDetail.aspx/80035296>.

# Program

## Thursday, July 30, 2015

- 7:30 - 7:55 Registration and Continental Breakfast
- 7:55 - 8:00 **Welcome and Conference Goals**  
Lonny Yarmus, DO, FCCP
- 8:00 - 8:30 **The Importance of Staging in Lung Cancer**  
Gerard Silvestri, MD, MS
- 8:30 - 9:00 **Surgical Staging and Mediastinoscopy**  
Daniela Molena, MD
- 9:00 - 9:30 **Conventional TBNA**  
Ko-Pen Wang, MD
- 9:30 - 9:45 Refreshment Break
- 9:45 - 10:15 **Convex EBUS: The Principles and the Data**  
Jed Gorden, MD, FCCP
- 10:15 - 10:45 **Convex EBUS: Pearls**  
Roy Semaan, MD
- 10:45 - 11:15 **Radial EBUS**  
Alexander Chen, MD
- 11:15 - 11:45 **Updates in Navigational Bronchoscopy**  
Hans Lee, MD
- 11:45 - 12:15 **Advanced Therapeutics: COPD, Asthma and Lung Cancer**  
David Feller-Kopman, MD, FCCP
- 12:15 - 1:15 Lunch
- 1:15 - 1:40 **New WHO Lung Cancer Classification Scheme- Application to Small Specimens**  
Charles Powell, MD
- 1:40 - 2:00 **Starting an EBUS Program**  
Momen Wahidi, MD, MBA, FCCP
- 2:00 - 4:00 **EBUS Hands-On**
- 5:00 - 6:00 Welcome Reception

## Friday, July 31, 2015

- 7:30 - 8:00 Continental Breakfast
- 8:00 - 8:05 **Welcome and Conference Goals**
- 8:05 - 3:00 **Hands-On Stations**
- **Station 1: Low fidelity EBUS and Conventional TBNA**  
Ko-Pen Wang, MD
  - **Station 2: Low fidelity Convex EBUS**  
Charles Powell, MD
  - **Station 3: Low fidelity Convex EBUS**  
Daniela Molena, MD
  - **Station 4: Navigational Bronchoscopy**  
Jed Gorden, MD, FCCP
  - **Station 5: Navigational TTNA**  
Hans Lee, MD
  - **Station 6: Navigational Bronchoscopy**  
Momen Wahidi, MD, MBA, FCCP
  - **Station 7: Intrabronchial Valves for Airleak and Bronchial Thermoplasty**  
David Feller-Kopman, MD, FCCP
  - **Station 8: Low fidelity Radial EBUS**  
Alexander Chen, MD
  - **Station 9: Cytopathology**  
Christina Adams, CT (ASCP) and Susan Otell, CT (ASCP)
  - **Station 10: Rigid Bronchoscopy, Tumor Ablation, Stenting**  
Gerard Silvestri, MD, MS
  - **Station 11: Bronch Pilot Simulation**  
Lonny Yarmus, DO, FCCP
- 10:00 - 10:30 Refreshment Break
- 12:00 - 1:00 Lunch
- 3:00 Adjourn.
- Please complete and return the Evaluation and Credit Report Forms. The Registration Desk will remain open during conference hours.

*The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.*

*This schedule is subject to change.*

# Speakers

## ACTIVITY DIRECTOR

### Lonny Yarmus, DO, FCCP

Assistant Professor of Medicine  
Clinical Director, Division of Pulmonary and  
Critical Care Medicine

## HOPKINS SPEAKERS

### Christina Adams, CT (ASCP)

Cytopathology Technician

### David Feller-Kopman, MD, FCCP

Associate Professor of Medicine  
Director, Bronchoscopy and Interventional  
Pulmonology

### Hans Lee, MD

Assistant Professor of Medicine  
Director, Pleural Disease Service

### Daniela Molena, MD

Assistant Professor of Surgery  
Director, Robotic and Minimally Invasive  
Thoracic Surgery  
Director, Thoracic Surgery

### Susan Otell, (CT) ASCP

Pathology Lab Supervisor  
Cytopathology Technician

### Roy Semaan, MD

Instructor in Medicine  
Division of Interventional Pulmonology

### Ko Pen Wang, MD

Associate Professor of Medicine and Otolaryngology-  
Head and Neck Surgery  
Director, Chest Diagnostic Center



## GUEST SPEAKERS

### Alexander Chen, MD

Assistant Professor of Medicine  
Director, Interventional Pulmonology  
Department of Internal Medicine  
Division of Pulmonary and Critical Care Medicine  
Washington University School of Medicine  
in St. Louis  
St. Louis, Missouri

### Jed Gorden, MD, FCCP

Clinical Assistant Professor of Medicine  
University of Washington School of Medicine  
Medical Director, Center for Pleural Diseases  
Swedish Medical Center  
Director, Interventional Pulmonology  
Swedish Cancer Institute  
Seattle, Washington

### Charles Powell, MD

Professor of Medicine  
Chief, Catherine and Henry J. Gaisman Division of  
Pulmonary, Critical Care and Sleep Medicine  
Mount Sinai Hospital  
New York, New York

### Gerard Silvestri, MD, MS

Professor of Medicine  
Medical University of South Carolina  
Charleston, South Carolina

### Momen Wahidi, MD, MBA, FCCP

Director, Interventional Pulmonology and  
Bronchoscopy  
Duke University School of Medicine  
Durham, North Carolina



# Registration Form

Course Number 80035296

## Fourth Annual EBUS and Advanced Diagnostic Bronchoscopy

July 30-31, 2015

**To Register: Online (credit card and eCheck):** www.HopkinsCME.edu **By fax:** (866) 510-7088  
**By phone (credit card only):** (410) 502-9634

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128. Include check payable to **HOPKINS/80035296**, or include credit card information below.

**PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.**

I am a Johns Hopkins speaker for this activity.

Please type or print clearly:

last name		first name		m.i.	
highest degree	primary specialty		Hopkins faculty/staff only JHED ID		
For Physicians Only: NPI – 10 digits		State License #		State of License	
mailing address					
city		state	ZIP	country	
daytime telephone		fax number			
e-mail					

You will receive a confirmation notice and your attendance certificate by e-mail if you provide your e-mail address.

Check here if you wish to receive e-mail notices about upcoming CME activities.

I plan to stay at the Hyatt Regency Chesapeake Bay in Cambridge, Maryland.

What do you hope to learn by attending this activity? \_\_\_\_\_

Please notify us if you have any special needs. \_\_\_\_\_

### Registration Fees:

- Physicians ..... \$995
- Residents\*/Fellows\*/Nurses/Nurse Practitioners/Physician Assistants/Allied Health Professionals ..... \$500  
\*with verification of status
- Optional Printed Syllabus (B/W)..... \$45

### Welcome Reception:

- Yes, I will attend
- No, I am unable to attend

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on July 24, 2015, include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount enclosed \$ \_\_\_\_\_

### Payment Type:

**JHU Faculty/Staff Only:** If you are using your Tuition Remission Benefit or an ION budget, please complete this registration form and return with appropriate payment processing form to OCME, Turner 20.

Forms can be found on-line at <http://www.hopkinscme.edu/Resources/resources.aspx>.

**Check** (See instructions on top of form)

**Credit Card:**       VISA       MASTERCARD       DISCOVER       AMEX

Card # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Exp. Date \_\_\_\_\_

Name on Card

Signature and Date

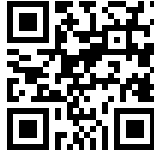


**JOHNS HOPKINS**  
M E D I C I N E

Johns Hopkins University School of Medicine  
Turner 20, 720 Rutland Avenue  
Baltimore, Maryland 21205-2195

**FOURTH ANNUAL**

# **EBUS** and **Advanced Diagnostic Bronchoscopy**



**July 30-31, 2015**  
**Cambridge, Maryland**

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