Overall Goals
This one day CME accredited educational course will focus on challenging aspects, as well as, significant updates on lung cancer screening, work-up, diagnosis, staging and treatment. Lectures will be given by recognized experts who will address in a multidisciplinary format evidence-based standards of care, diagnostic and treatment paradigms and controversial areas in management. Challenging case presentations, provided by recognized clinical experts, will provide the foundation of the four major didactic sessions encompassing screening and initial evaluation, management of early stage disease with a focus on the borderline treatment candidate, multidisciplinary management of locally advanced disease and review of major advances in the treatment of advanced disease. A keynote presentation, given by an internationally recognized thought leader, will review major updates from the ASCO meeting. The four didactic sessions, and attendee participation and interaction will be facilitated through Q&A, interactive panel discussions and case presentations.

Learning Objectives
After the program, participants will be able to:

• Understand current guidelines of lung cancer screening
• Learn the appropriate selection of diagnostic modalities in the work-up of a patient with suspected lung cancer
• Understand recent updates in the histological classification of lung adenocarcinoma and molecular diagnostics of lung cancer
• Recognize the appropriate preoperative work-up and treatment selection of the borderline surgical candidate with early stage lung cancer
• Understand new advances in surgical and radiation techniques to afford curative options for the marginal patient
• Recognize the benefit and indications of adjuvant modality therapies
• Learn the basic concepts allowing appropriate tailoring of multimodality treatment options for patients with locally advanced lung cancer
• Understand advances in chemotherapy treatment choices for patients with advanced disease
• Learn about major updates on scientific and clinical advances from the ASCO 2013 meeting
• Recognize appropriate diagnostic steps and patient selection for novel molecularly-tailored treatment options
• Understand the benefits of palliative surgical and pulmonary interventions in the management of patients with advanced lung cancer
**Target Audience**
This activity is designed for pulmonologists, medical and radiation oncologists, radiologists, palliative care specialists, thoracic surgeons, internists, physician assistants, nurses, nurse practitioners, and other medical professionals involved in the screening and evaluation of high-risk patients as well as the diagnosis, staging and/or management of patients with lung cancer.

**Accreditation**
The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**AMA Credit Designation Statement**
The College of Physicians and Surgeons designates this live activity for a maximum of 7.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Nurses and physician assistants are encouraged to check with their accrediting organization to ensure they accept AMA PRA Category 1 Credits™.

**Support**
We expect support for this program through grants from pharmaceutical and medical device companies.

**Course Organizers**
**Program Administrator**
Deborah Schwarz, RPA, CIBE
Executive Director and Chief Communications Officer
Columbia University Department of Surgery
Office of External Affairs

**Program Coordinator**
Jessica Scully
Senior Events Coordinator
Columbia University Department of Surgery
Office of External Affairs
Telephone: 201-346-7007
Fax: 201-346-7011
E-mail: jas2134@columbia.edu
### Agenda

**7:30 AM – 8:20 AM**  
**Registration, Breakfast and Vendor Exhibits**

**8:20 AM – 8:30 AM**  
Opening Remarks  
– **Ronald J. Scheff, MD**

### Session 1: Screening and Diagnosis
**Moderator: Daniel M. Libby, MD**

**8:30 AM – 8:35 AM**  
Case Presentation  
– **Daniel M. Libby, MD**

**8:35 AM – 8:55 AM**  
Lung Cancer Screening: Who, when, what  
– **Gregory D.N. Pearson, MD, PhD**

**8:55 AM – 9:10 AM**  
Tissue Biopsy: Percutaneous approaches  
– **Bradley B. Pua, MD**

**9:10 AM – 9:25 AM**  
Tissue Biopsy: Endobronchial approaches  
– **Jeffrey L. Port, MD**

**9:25 AM – 9:45 AM**  
Pathologic Assessment of Non-small Cell Lung Cancer: Updates in classification and predictive biomarkers  
– **Navneet Narula, MD**

**9:45 AM – 10:00 AM**  
Case Discussion/Question and Answer  
– **Daniel M. Libby, MD**

**10:00 AM – 10:15 AM**  
**Break and Vendor Exhibits**

### Session 2: Management of Stages I and II Non-small Cell Lung Cancer
**Moderator: Joshua R. Sonett, MD, FACS**

**10:15 AM – 10:20 AM**  
Case Presentation  
– **Joshua R. Sonett, MD, FACS**

**10:20 AM – 10:40 AM**  
The Newly Diagnosed Patient: Pulmonary assessment and management  
– **Roger A. Maxfield, MD**

**10:40 AM – 10:55 AM**  
Approach to the Marginal/High Risk Surgical Candidate  
– **Mark E. Ginsburg, MD**

**10:55 AM – 11:15 AM**  
Treatment of Early Stage Disease: Surgical management  
– **Nasser Altorki, MD, FACS**

**11:15 AM – 11:30 AM**  
Treatment of Early Stage Disease: Radiation therapy approaches  
– **Bhupesh Parashar, MD**

**11:30 AM – 11:50 AM**  
Adjuvant Systemic Therapy for Early Stage Disease  
– **Benjamin P. Levy, MD**

**11:50 AM – 12:05 PM**  
Case Discussion/Question and Answer  
– **Joshua R. Sonett, MD, FACS**

**12:05 PM – 1:05 PM**  
**Lunch and Vendor Exhibits**
### Session 3: Management of Stage III Non-small Cell Lung Cancer

**Moderator:** Paul C. Lee, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>1:05 PM – 1:10 PM</td>
<td>Case Presentation</td>
<td>Paul C. Lee, MD</td>
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<tr>
<td>1:10 PM – 1:30 PM</td>
<td>Surgical Indications and Approaches for Locally Advanced Disease</td>
<td>Brendon Stiles, MD</td>
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<tr>
<td>1:30 PM – 1:50 PM</td>
<td>Chemoradiation for Unresectable Stage III Disease</td>
<td>Bryan J. Schneider, MD</td>
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<tr>
<td>1:50 PM – 2:05 PM</td>
<td>Role of Radiation Therapy in the Management of Locally Advanced Disease</td>
<td>Simon K. Cheng, MD</td>
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<tr>
<td>2:05 PM – 2:20 PM</td>
<td>Pushing the Boundary: New surgical approaches for “unresectable” disease</td>
<td>Matthew Bacchetta, MD, MBA, MA</td>
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<tr>
<td>2:20 PM – 2:35 PM</td>
<td>Case Discussion/Question and Answer</td>
<td>Paul C. Lee, MD</td>
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<tr>
<td>2:35 PM – 2:50 PM</td>
<td><strong>Break and Vendor Exhibits</strong></td>
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<tr>
<td>2:50 PM – 3:35 PM</td>
<td>Latest Developments in Non-small Cell Lung Cancer: Updates from the 2013 ASCO meeting</td>
<td>Ramaswamy Govindan, MD</td>
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### Session 4: Management of Stage IV Non-small Cell Lung Cancer

**Moderator:** Mark W. Pasmentier, MD

<table>
<thead>
<tr>
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<tr>
<td>3:35 PM – 3:40 PM</td>
<td>Case Presentation</td>
<td>Mark W. Pasmentier, MD</td>
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<tr>
<td>3:40 PM – 4:00 PM</td>
<td>Palliative Chemotherapy for Advanced Disease</td>
<td>Ronald J. Scheff, MD</td>
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<tr>
<td>4:00 PM – 4:15 PM</td>
<td>The Use of Biologic Therapies in the Management of Advanced Disease: Indications, agents</td>
<td>Balazs Halmos, MD</td>
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<tr>
<td>4:15 PM – 4:30 PM</td>
<td>Symptom Management: Palliative surgical approaches</td>
<td>Subroto Paul, MD</td>
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<tr>
<td>4:30 PM – 4:45 PM</td>
<td>Case Discussion/Question and Answer</td>
<td>Mark W. Pasmentier, MD</td>
</tr>
<tr>
<td>4:45 PM – 5:00 PM</td>
<td>Closing Remarks</td>
<td>Joshua R. Sonett, MD, FACS</td>
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# Faculty List

## Program Co-Directors

**Balazs Halmos, MD**  
Associate Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
Section Chief, Thoracic Oncology  
NYP/Columbia  

**Jeffrey L. Port, MD**  
Associate Professor of Cardiothoracic Surgery  
Weill Cornell Medical College  
NYP/Weill Cornell  

**Ronald J. Scheff, MD**  
Assistant Professor of Clinical Medicine  
Director, Fellowship Training Program  
Department of Medicine  
Division of Hematology and Medical Oncology  
NYP/Weill Cornell Cancer Center  

**Joshua R. Sonett, MD, FACS**  
Edwin C. and Anne K. Weiskopf Professor of Surgical Oncology  
Columbia University College of Physicians and Surgeons  
Chief, General Thoracic Surgery  
Director, Price Center Comprehensive Lung Care  
NYP/Columbia

## Guest Faculty

### Keynote Speaker

**Ramaswamy Govindan, MD**  
Co-Director, Section of Medical Oncology  
Professor of Medicine  
Division of Oncology  
Washington University School of Medicine  
St. Louis, MO

**Benjamin P. Levy, MD**  
Assistant Professor of Medicine  
Albert Einstein College of Medicine  
Director of Thoracic Medical Oncology  
Beth Israel Medical Center  
New York, NY

## NewYork-Presbyterian  
Columbia University College of Physicians and Surgeons  
Weill Cornell Medical College

**Nasser Altorki, MD, FACS**  
Professor of Cardiothoracic Surgery  
Weill Cornell Medical College  
Chief, Division of Thoracic Surgery  
NYP/Weill Cornell  

**Matthew Bacchetta, MD, MBA, MA**  
Assistant Professor of Surgery  
Division of Cardiac, Thoracic and Vascular Surgery  
Columbia University College of Physicians and Surgeons  
Director, Adult Extracorporeal Membrane Oxygenation Program  
Director, Pulmonary Thromboendarterectomy Program  
NYP/Columbia
Simon K. Cheng, MD, PhD
Assistant Professor of
Clinical Radiation Oncology
Columbia University College of
Physicians and Surgeons
NYP/Columbia

Mark E. Ginsburg, MD
Associate Clinical Professor of Surgery
Columbia University College of
Physicians and Surgeons
Associate Director,
General Thoracic Surgery
Surgical Director, Center for Lung Failure
NYP/Columbia

Paul C. Lee, MD
Associate Professor of
Cardiothoracic Surgery
Weill Cornell Medical College
NYP/Weill Cornell
Chief, Thoracic Surgery
New York Hospital Queens

Daniel M. Libby, MD
Pulmonary Consultants of New York
Clinical Professor of Medicine
Pulmonary and Critical Care Medicine
Weill Cornell Medical College
NYP/Weill Cornell

Roger A. Maxfield, MD
Clinical Professor of Medicine
Columbia University College of
Physicians and Surgeons
Medical Director,
Interventional Bronchoscopy Program
NYP/Columbia

Navneet Narula, MD
Professor of Clinical Pathology and
Laboratory Medicine
Weill Cornell Medical College
NYP/Weill Cornell

Bhupesh Parashar, MD
Associate Professor of
Radiation Oncology
Weill Cornell Medical College
NYP/Weill Cornell

Mark W. Pasmantier, MD
Clinical Professor of Medicine
Weill Cornell Medical College
NYP/Weill Cornell

Subroto Paul, MD
Assistant Professor of
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NYP/Weill Cornell

Gregory D.N. Pearson, MD, PhD
Associate Professor of Clinical Radiology
Columbia University College of
Physicians and Surgeons
Director, Cardiac CT and MR
NYP/Columbia

Bradley B. Pua, MD
Assistant Professor of Radiology
Weill Cornell Medical College
NYP/Weill Cornell

Bryan J. Schneider, MD
Assistant Professor of Medicine
Madeline and Stephen Anbinder
Clinical Scholar in Hematology/Oncology
Weill Cornell Medical College
NYP/Weill Cornell

Brendon Stiles, MD
Assistant Professor of
Cardiothoracic Surgery
Weill Cornell Medical College
NYP/Weill Cornell
**Meeting Location**

Weill Cornell Medical College  
1300 York Avenue at East 69th Street  
New York, NY 10065

**Registration, Breakfast, Breaks, Lunch and Vendor Exhibits**  
First Floor: Griffis Faculty Club

**Didactics**  
First Floor: Uris Auditorium

**Subway**  
Take the #6 train to East 68th Street. Walk four blocks east to York Avenue, or take the M66 bus eastbound to York Avenue.

**Local Area Hotels**  
For a listing of local area hotels, please visit www.ColumbiaSurgeryCME.org and select Lung Cancer CME.

**Parking**

<table>
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<th>Location</th>
<th>Address</th>
<th>Phone Numbers</th>
<th>Hours of Operation</th>
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<tr>
<td>Greenberg</td>
<td>525 East 68th Street, New York, NY 10065</td>
<td>212-746-2015 &amp; 212-746-1886</td>
<td>24 Hours</td>
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<tr>
<td>Helmsley</td>
<td>507 East 70th Street, New York, NY 10065</td>
<td>212-746-1974</td>
<td>24 Hours</td>
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Parking is not included as part of the registration fee for this course.

**Registration Fees**

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<tr>
<td>NewYork-Presbyterian Clinicians</td>
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<tr>
<td>Clinicians (non-NYP)</td>
<td>$120</td>
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<td>Fellows, Residents &amp; Students</td>
<td>FREE</td>
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Fees include program lectures, course materials, and meals. A confirmation e-mail will be sent upon receipt of registration and payment.

**Payment Methods**

ONLINE: To make an online credit card payment please visit: www.ColumbiaSurgeryCME.org.

For security purposes, credit card payments cannot be accepted in the mail or by phone. American Express, Discover, MasterCard and Visa only.

BY MAIL: Complete the attached registration form and mail together with full payment to:

Columbia University Medical Center  
Department of Surgery, External Affairs  
400 Kelby Street, 11th Floor  
Fort Lee, NJ 07024

Enclose a check or money order made payable to: Columbia University Department of Surgery/Lung CME.

Checks must be in U.S. dollars drawn on a U.S. bank.
Registration

Please register me for the continuing medical education program entitled:

**Updates and Challenges in Lung Cancer**

Space is limited, early registration is highly encouraged

- NewYork-Presbyterian Clinicians – $60
- Clinicians (non-NYP) – $120
- Fellows, Residents & Students (no CME credits will be awarded) – FREE

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<th>First Name</th>
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Company/Institution

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Daytime Phone       Daytime Fax

E-mail (required for confirmation purposes)

Specialty

Special Needs (specify accommodations needed)

Attendee Signature       Date

PLEASE NOTE: Registration is limited and will be handled on a first-come, first-served basis. Telephone registrations and/or cancellations are not accepted. If you cancel your registration at least ten business days prior to the course (June 7, 2013), we will refund your registration fee, less a $25 administrative charge. Unfortunately no refunds can be made thereafter.
Updates and Challenges in Lung Cancer

Friday, June 21, 2013
New York City

The College of Physicians and Surgeons designates this live activity for a maximum of 7.25 AMA PRA Category 1 Credits™

www.ColumbiaSurgeryCME.org