



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

# Thoracic Oncology

Editor: Michael K. Gould, MD, MS

## ASSEMBLY OFFICERS

**Michael Gould, MD, MS**  
Assembly Chair  
[michael.k.gould@kp.org](mailto:michael.k.gould@kp.org)

**Peter J. Mazzone, MPH, MD**  
Planning Chair  
[mazzonp@ccf.org](mailto:mazzonp@ccf.org)

**Lynn T. Tanoue, MD**  
Program Chair  
[lynn.tanoue@yale.edu](mailto:lynn.tanoue@yale.edu)

**Christopher G. Slatore, MD**  
Program Chair— Elect  
[christopher.slatore@va.gov](mailto:christopher.slatore@va.gov)

**Charles A. Powell, MD**  
Nominating Chair  
[charles.powell@mssm.edu](mailto:charles.powell@mssm.edu)

**Katrina Steiling, MD, MSc, MD**  
Website Director  
[steiling@bu.edu](mailto:steiling@bu.edu)

## ASSEMBLY CONTACT

Website: <http://www.thoracic.org/members/assemblies/assemblies/thoracic-oncology/>  
Email: [TOA@thoracic.org](mailto:TOA@thoracic.org)

## IN THIS ISSUE

Message from the Assembly Chair.....	1
Planning Committee Report.....	2
Program Committee Report.....	2-3
TO Sessions.....	3-4
Web Committee Report.....	5
Early Career Professionals.....	5
Interventional Pulmonology.....	6
International Relations.....	6
TO Membership Meeting.....	6
TO Reception Dinner.....	6
Assembly Twitter.....	7
Mentorship Meeting Spot.....	7
Assembly/Committee Projects.....	8
BVALS.....	8
Early Career Professionals .....	9
Grant Awardees.....	9
Members Matter.....	10
Member Profile Update.....	10
Exhibitors Fundraising for ATS.....	11
BEAR Cage.....	11
Patient Education Material.....	12
Official ATS Documents.....	12

## MESSAGE FROM THE ASSEMBLY CHAIR

As of January 2017, the ATS Thoracic Oncology Assembly (TOA) included over 1,000 primary and secondary members, including approximately 400 international members. This number reflects the already large and (slowly) growing level of interest in chest malignancies among ATS members. With ongoing developments in such areas as lung cancer biology, targeted treatments and low-dose CT screening, it is a rewarding and exciting time to be a lung cancer clinician or researcher. Now in its third year as a full ATS Assembly, the TOA and its members continue to leave their mark on lung cancer research, clinical practice and health care policy.



Michael K. Gould, MD, MS

In this newsletter, TOA leadership describe recent accomplishments and future directions of our committees and working groups. In his remarks, Planning Committee Chair Peter Mazzone highlights several ongoing projects, including a guideline for managing malignant pleural effusions and two research statements on biomarker development in lung cancer and smoking cessation interventions in the context of lung cancer screening. In addition, TOA is sponsoring a new research statement on the impact of chronic comorbid conditions on candidate selection and outcomes in lung cancer screening.

This year looks like another great one for TOA programming at the International Conference. As reported by Committee Chair and Co-Chair Lynn Tanoue and Chris Slatore, TOA is sponsoring or co-sponsoring a post-graduate course, 2 major symposia, 3 jointly-sponsored symposia, 3 mini-symposia, 5 poster discussion sessions, 2 sunrise seminars, 2 meet the professor sessions, and a lung cancer year in review talk by Dr. Tanoue. In addition, Thoracic Oncology is on the agenda for this year's core curriculum series, which will feature 4 lectures on lung cancer screening, diagnosis, staging and treatment. Last but not least, we are all looking forward to a Keynote Address on Lung Cancer Clinical Trials in the Era of Precision Medicine, by Dr. Everett E. Vokes. Something about lung cancer for everyone!

This edition also includes reports from TOA Web Director Katie Steiling, Early Career Professionals Working Group leads Mark Fuster and Nichole Tanner, and the leaders of our new Interventional Pulmonology Working Group, Momem Wahidi and Lonny Yarmus.

Ultimately, the strength of the Assembly is derived from the involvement of its members. As we move forward, we will continue to build a community of scholarship and service that is distinguished not only by its expertise and professionalism, but also by its collegiality and spirit of accomplishment. It is my honor and privilege to serve as your Chair and lead these efforts. Don't be shy about getting involved—all are welcome and there is much more work to be done!

## PLANNING COMMITTEE REPORT

Peter J. Mazzone, MPH, MD , Chair

The Assembly has successfully completed and published projects over the past two years and, has been actively working on 3 projects over the past year, and has had 1 new project accepted for funding (meeting planned at ATS 2017).

Published in past 24 months:

1. Components necessary for high-quality lung cancer screening. American College of Chest Physicians and American Thoracic Society Policy Statement. *Chest*, Feb, 2015.
2. An official ATS research statement: A research framework for pulmonary nodule evaluation and management. *Am J Resp Crit Care Med* Aug 15, 2015.
3. An official ATS/ACCP policy statement: Implementation of low-dose CT lung cancer screening programs in clinical practice. *Am J Resp Crit Care Med* Oct 1, 2015.  
Implementation of lung cancer screening programs with low-dose computed tomography in clinical practice. Summary for clinicians. *Annals Am Thorac Soc* Mar 2016.

Active projects:

1. Evaluation and Management of Patients with Malignant Pleural Effusions, Clinical Guideline led by Dr. Feller-Kopman.
2. Optimizing smoking cessation interventions in lung cancer screening programs, Research Statement led by Drs. Kathuria and Wiener.
3. Standards for evaluating molecular biomarkers of lung cancer risk, early detection, and lung nodule management: When is the biomarker ready for clinical use? Policy Statement led by Drs. Mazzone and Rufatto Sears.

New project:

1. Evaluation of coexisting chronic illness in selecting patients for lung cancer screening: A research agenda, Research Statement led by Drs. Rivera, Tanner, and Wiener.

Separately, the Planning Committee is soon to evaluate applications for the Lifetime Achievement Awards and Early Career Development Award.

## PROGRAM COMMITTEE REPORT

Lynn Tanoue, MD, Chair, and Chris Slatore, MD , Chair-Elect

The Thoracic Oncology Assembly content at the International Conference continues to grow. Though we are the youngest assembly, the number of submitted abstracts is already substantial—over 6,600 thus far in 2017, not including late-breaking abstracts. The presence of the assembly at the conference has grown remarkably over the past two years, and the quality of the thoracic oncology scientific and clinical content at the meeting will be superb.

Highlights of the action-packed thoracic oncology sessions in Washington D.C. include:

- Keynote Lecture on Lung Cancer Trials in the Age of Precision Medicine, by Everett E. Vokes, the John E. Ultmann Professor of Medicine and Radiation Oncology and Chair of the Department of Medicine at the University of Chicago
- The long-running Lung Cancer State of the Art post-graduate course, chaired by Patricia Rivera and David Feller-Kopman
- The ever-popular Lung Cancer Year in Review, delivered by Lynn Tanoue
- 4 Core Curriculum lectures on lung cancer screening, diagnosis, staging and treatment, by Nichole Tanner, Fabien Maldonado, Chris Slatore and Gaetane Michaud
- 2 Major Symposia on indolent lung cancer (chaired by Gerard Silvestri and Fabien Maldonado) and reprogramming of the lung tumor microenvironment (chaired by Rajkumar Savai, Seyed Moghaddam, A. McGarry Houghton and Charles “Cap” Powell)
- 3 Joint Symposia on lung cancer screening and smoking cessation (Hasmeena Kathuria and Renda Wiener), the Cancer Moonshot Initiative (Nichole Tanner, Courtney Broaddus, Peter Mazzone and Mark Fuster), and implementation science in PCCM (David Midthun)

- Our first-ever Workshop on lung cancer databases and registries, chaired by Emily Stone and Michael Gould
- Sunrise Seminars by Tobias Peikert and Rajkumar Savai
- Meet the Professor sessions with Jim Jett and Patricia Rivera
- 3 Mini-symposia
- 5 Poster Discussion sessions
- 7 Thematic Poster sessions

In short, there is something for everyone, so we are looking forward to seeing you all in Washington D.C.

## ATS 2017 INTERNATIONAL CONFERENCE SESSIONS SPONSORED BY THE ASSEMBLY ON THORACIC ONCOLOGY

Session Code	Session Title	Session Time	
<b>Postgraduate Courses</b>			
<b>Friday, May 19, 2017</b>			
PG11	LUNG CANCER STATE OF THE ART: 2017	8:00 AM	4:00 PM
<b>Scientific Symposia</b>			
<b>Monday, May 22, 2017</b>			
B3	THE CANCER MOONSHOT: ATS = MISSION CONTROL FOR LUNG CANCER	9:15 AM	11:15 AM
B87	REPROGRAMMING OF LUNG TUMOR MICROENVIRONMENT: A PATH TO CANCER CARE FOR BETTER THERAPEUTIC BENEFIT	2:15 PM	4:15 PM
<b>Wednesday, May 24, 2017</b>			
D85	RECOGNITION, DIAGNOSIS AND MANAGEMENT OF INDOLENT LUNG CANCER	1:30 PM	3:30 PM
<b>Jointly-Developed Symposia</b>			
<b>Sunday, May 21, 2017</b>			
A11	LUNG CANCER SCREENING AND TOBACCO CESSATION: THE TEACHABLE MOMENT?	9:15 AM	11:15 AM
<b>Monday, May 22, 2017</b>			
B91	IMPLEMENTATION SCIENCE IN PULMONARY, CRITICAL CARE, SLEEP AND PEDIATRIC MEDICINE: HOW SOON IS NOW?	2:15 PM	4:15 PM
<b>Workshop Sessions</b>			
<b>Sunday, May 21, 2017</b>			
WS1	TURNING DATA INTO WISDOM: DATABASES AND REGISTRIES FOR BETTER LUNG CANCER OUTCOMES	11:45 AM	1:15 PM
<b>Sunrise Seminars</b>			
<b>Monday, May 22, 2017</b>			
SS118	PULMONARY COMPLICATIONS OF CANCER IMMUNOTHERAPY	7:00 AM	8:00 AM
<b>Tuesday, May 23, 2017</b>			
SS218	TARGETING TUMOR-ASSOCIATED MACROPHAGES CAN BE THE PATH TO WIN THE WAR ON CANCER	7:00 AM	8:00 AM
<b>Meet The Professor Seminars</b>			
<b>Monday, May 22, 2017</b>			
MP515	TARGETED THERAPY FOR LUNG CANCER: WHAT THE PULMONOLOGIST NEEDS TO KNOW	12:15 PM	1:15 PM

# ATS 2017 INTERNATIONAL CONFERENCE SESSIONS SPONSORED BY THE ASSEMBLY ON THORACIC ONCOLOGY

Session Code	Session Title	Session Time	
<b>Meet The Professor Seminars</b>			
<b>Monday, May 22, 2017</b>			
<b>Tuesday, May 23, 2017</b>			
MP615	LUNG CANCER IN WOMEN: EPIDEMIOLOGY, RISKS, BIOLOGY AND OUTCOMES	12:15 PM	1:15 PM
<b>Mini-Symposia</b>			
<b>Tuesday, May 23, 2017</b>			
C19	MOLECULAR MECHANISMS OF DYSREGULATED INFLAMMATION, PROLIFERATION, AND REPAIR IN THORACIC ONCOLOGY	9:15 AM	11:15 AM
C99	THE TUMOR MICROENVIRONMENT: TARGETING THE SOIL TO KILL THE TUMOR SEED	2:15 PM	4:15 PM
<b>Wednesday, May 24, 2017</b>			
D20	LUNG CANCER SCREENING: MOVING FROM POPULATION TO PERSON	9:15 AM	11:15 AM
<b>RAPiD: Rapid Abstract Poster Discussion Sessions</b>			
<b>Sunday, May 21, 2017</b>			
A30	BIOMARKERS IN THORACIC ONCOLOGY: PREDICTING OUTCOMES	9:15 AM	11:15 AM
A110	ADVANCES IN THORACIC ONCOLOGIC DIAGNOSTICS	2:15 PM	4:15 PM
<b>Monday, May 22, 2017</b>			
B110	PULMONARY NODULES AND THORACIC SURGERY: WORKING ACROSS THE AISLE	2:15 PM	4:15 PM
<b>Tuesday, May 23, 2017</b>			
C30	LUNG CANCER SCREENING: WHO, WHY, WHERE, AND HOW MUCH	9:15 AM	11:15 AM
<b>Wednesday, May 24, 2017</b>			
D110	CELLULAR AND MOLECULAR INVESTIGATIONS IN THORACIC ONCOLOGY	1:30 PM	3:30 PM
<b>Thematic Poster Sessions</b>			
<b>Monday, May 22, 2017</b>			
B80-J	INTERVENTIONAL PULMONOLOGY IN THORACIC ONCOLOGY	9:15 AM	4:15 PM
B80-K	THORACIC ONCOLOGY CLINICAL OUTCOMES	9:15 AM	4:15 PM
B80-L	GENERAL THORACIC ONCOLOGY	9:15 AM	4:15 PM
B80-M	IMAGING IN THORACIC ONCOLOGY	9:15 AM	4:15 PM
<b>Tuesday, May 23, 2017</b>			
C80-G	THORACIC ONCOLOGY CASE REPORTS I	9:15 AM	4:15 PM
C80-H	THORACIC ONCOLOGY CASE REPORTS II	9:15 AM	4:15 PM
C80-I	THORACIC ONCOLOGY CASE REPORTS III	9:15 AM	4:15 PM
C80-J	THORACIC ONCOLOGY CASE REPORTS IV	9:15 AM	4:15 PM

## WEB COMMITTEE REPORT

Katrina Steiling, MD, MSc, Web Director

The mission of the Thoracic Oncology Assembly Web Committee is to provide active, engaging, educational, and collaborative content to our members.

We have hosted two well-attended journal club webinars which have served as an opportunity to discuss current research. We have cosponsored these webinars with other ATS assemblies and committees, thus improving the outreach and visibility of this content. Recordings of the journal club webinars are also made available on the website following the live discussion. We are always looking for ideas on important articles to highlight, so please continue to send us your suggestions.

Our members have submitted three clinical cases to the “ATS Quick Hits.” ATS Quick Hits features a brief image, figure, or case containing an interesting clinical or scientific finding that would be of interest to most pulmonologists, as well as a brief description of its significance. Our cases have been queued for posting on the ATS Quick Hits site in the coming months. We look forward more of your interesting cases for this high-visibility resource.

We have updated the website to link guideline statements led by members of our assembly. In the coming months, we will make further updates to highlight the missions and activities of our assembly’s committees and working groups, as well as opportunities to become more involved in the assembly through these subgroups (e.g. Early Career Professionals, Interventional Pulmonary, Web).

For dissemination of assembly announcements and news, we have moved back from assembly-specific social media feeds (e.g. Twitter, Facebook) in favor of highlighting our activities through the main ATS Twitter feed ([@ATScommunity](#)) due to its higher number of followers (~13,900).

We’re always excited to receive feedback about the online content. If you have suggestions, questions, or would like to join the web committee, please contact [toa@thoracic.org](mailto:toa@thoracic.org) or Katrina Steiling at [steiling@bu.edu](mailto:steiling@bu.edu).

Follow us on:

Facebook: [www.facebook.com/pages/ATS-Assembly-on-Thoracic-Oncology/](http://www.facebook.com/pages/ATS-Assembly-on-Thoracic-Oncology/)

Twitter: [twitter.com/atsto](https://twitter.com/atsto)

## EARLY CAREER PROFESSIONALS WORKING GROUP REPORT

Nichole T. Tanner, MD, MSCR & Mark M. Fuster, MD , Co-Chairs

We have been maintaining and improving the Early Career Professional Working Group activities of the TOA through a variety of functions. A major function is in facilitating the career development of new and growing members through networking and mentorship opportunities. We created and upgraded an electronic dialogue process to optimally match Faculty/Senior Mentors with Mentees in the program that times with the ATS International Conference. In post-program surveys, we found that our program last year received very positive feedback, with improvements in the matching process and efficiency for participants in comparison to the year prior.

We have responded to challenges in optimizing connecting on career, scientific, and translational factors that are most important to participants. We had refined our Mission statement centered on both growth of the TOA membership linked to creation of a supportive environment for our next generation of pulmonary/critical care and related-specialty trainees, physicians, investigators, and clinician-scientists. We are also working to build educational activities through growth of educational resources/ webinar-podcasts; and have also expanded our approaches to disseminate TOA invitation and membership through Program Directors and assistance by helpful Assembly staff. We look forward to continued growth of this valuable program.

For questions or suggestions, please contact Mark ([mfuster@ucsd.edu](mailto:mfuster@ucsd.edu)) or Nichole ([tripici@muscc.edu](mailto:tripici@muscc.edu))



# INTERVENTIONAL PULMONOLOGY WORKING GROUP REPORT

Momen Wahidi , MD & Lonny Yarmus , MD , Co-Chairs

The Interventional Pulmonology (IP) Working Group is a newly formed group (started in 06/2016) under the umbrella of the Thoracic Oncology (TO) Assembly.

The mission of this group is to engage ATS members with interest in interventional pulmonology and foster collaboration and networking around interventional pulmonology and thoracic oncology. We have formed a small core group that connects on a monthly call and will meet in person at the International Conference (IC).

Our accomplishments so far include organizing a journal club webinar on the RENEW randomized clinical trial (coils in patients with severe emphysema) and submitting two cases to the ATS Quick Hits clinical cases. We are currently planning a clinical webinar on ideal EBUS sampling techniques to ensure tissue adequacy for testing of molecular markers in patients with lung cancer.

Our long-term goals include increasing the number of IP submissions to the IC, working toward a dedicated TO hands-on advanced bronchoscopy course outside of the IC, and proposing guideline projects.

For any questions, please contact the co-chairs of the Interventional Pulmonology Group:

Momen Wahidi, MD, MBA ([momen.wahidi@duke.edu](mailto:momen.wahidi@duke.edu))

Lonny Yarmus, DO ([lyarmus@jhmi.edu](mailto:lyarmus@jhmi.edu))

# INTERNATIONAL RELATIONS WORKING GROUP REPORT

Charles Powell , MD, Chair

Whereas lung cancer is a global health problem as the leading cause of cancer death, it is imperative to include international membership and expertise in the composition and activities of the Thoracic Oncology Assembly. The International Relations Working Group is comprised of leaders in Thoracic Oncology representing North America, Europe, Asia, and Latin America committed to advancing this mission.

The activities of the group include: 1. Review and Removal of barriers to recruitment of new International Members to the Assembly and ATS; 2. Facilitate and originate programming at the International Conference that is directed towards global aspects of lung cancer; 3. Establish liaisons with peer Thoracic Oncology organizations in ACCP, IASLC, ERS, and APSR, amongst others; 4. Enhance integration of Thoracic Oncology disciplines such as medical oncology, thoracic surgery, interventional pulmonary into the activities of the Assembly.

We hope that you will notice the impact of these activities at the 2017 ATS Conference and we look forward to partnering with all members of the Assembly to further the breadth and depth of the Thoracic Oncology Assembly's global membership, reach and influence. For questions or suggestions, please contact Charles "CAP" Powell, MD

[Charles.powell@mssm.edu](mailto:Charles.powell@mssm.edu)

## *Assembly on Thoracic Oncology Reception*

*Monday, May 22nd  
7:00pm-10:00pm*

*Renaissance Washington Downtown  
Mount Vernon Square A*

## *Assembly on Thoracic Oncology Membership Meeting*

*Monday, May 22nd  
5:00pm-7:00pm*

*Renaissance Washington Downtown  
Congressional Hall A*

Be sure to follow us at [@ATS\\_Assemblies](https://twitter.com/ATS_Assemblies) for news on webinars, deadlines, and other things you might have missed in your inbox!



## Meet Your Mentor HERE!



Struggling to find a quiet location to meet with your mentor? Look no further! This year at the 2017 ATS International Conference in Washington, DC, the Assembly Mentoring Programs is offering a meeting spot exclusively for mentors and mentee to meet.

The Assembly Mentoring Programs' Meeting spot will be located in the Renaissance, Washington DC Hotel in the Carnegie room on the (Ballroom Level). The room will be available from:

Friday May 19<sup>th</sup> to Tuesday May 23<sup>rd</sup> between 7AM. to 7PM

Light snacks and beverages will be offered throughout the day. Laptops and printers will be made available for use and don't forget to pick up your Assembly Mentoring Program Ribbon and Pin!

**We hope you can join us at the Assembly Mentoring Program's Meeting spot!**

Interested in joining a mentoring program? Visit our Assemblies homepage and click on ATS Mentoring Program to learn more or contact Melinda Garcia at [mgarcia@thoracic.org](mailto:mgarcia@thoracic.org)

## Submit an Assembly/Committee Project Application for funding in FY2018!

We are happy to announce that ATS will once again accept NEW Assembly/Committee Projects for FY2018. All interested applicants should begin developing their ideas for Assembly/Committee Project Applications. Applications will be available on the ATS website at [www.thoracic.org](http://www.thoracic.org).

Please consider submitting an application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your Assembly Planning Committee Chair Philippe R. Montgrain, MD at [pmontgrain@ucsd.edu](mailto:pmontgrain@ucsd.edu).

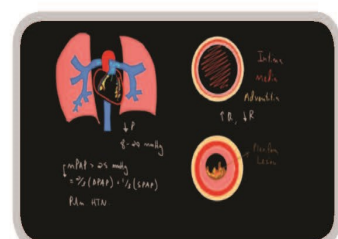
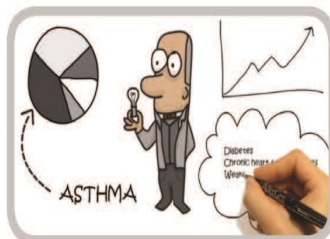
For questions regarding submissions please contact Miriam Rodriguez at tel: 212/315-8639 or email: [mrodriguez@thoracic.org](mailto:mrodriguez@thoracic.org).

## Best of ATS Video Lecture Series (BAVLS)

Do you have an amazing teaching video that you want to share with the world?  
Then consider submitting to the Best of ATS Video Lecture Series (BAVLS).

For more information, please visit

<http://www.thoracic.org/professionals/clinical-resources/video-lecture-series/>





## PROGRAMS AND SPECIAL EVENTS FOR EARLY CAREER PROFESSIONALS

### Networking Exchange For Early Career Professionals

Saturday, May 20, 2017; 5:30-6:30 p.m.

Marriott Marquis • Washington D.C. University of DC/Catholic University (Level M1)

Free to all conference attendees

### Attend a Workshop in the Center for Career (CCD)

Sunday, May 21 – Tuesday, May 23, 2017; 7:00 a.m. – 5:00 p.m.

Walter E. Washington Convention Center Hall D, (Middle Building, Level 2)

**VISIT THE CCD TO PICK UP A ROAD MAP TODAY!**



Washington, DC  
May 19-May 24  
[conference.thoracic.org](http://conference.thoracic.org)

## ANNOUNCING ATS FOUNDATION RESEARCH PROGRAM 2017-2018 GRANT CYCLE

The Research Program is excited to announce that it is now accepting letters of intent! In 2017, the Research Program has increased the number of available Unrestricted Grants for early career investigators. In addition to 15 Unrestricted Grants, the portfolio offers grants with Alpha-1 Foundation, American Lung Association of the Mountain Pacific, Hermansky-Pudlak Syndrome Network, ResMed, PCD Foundation, Pulmonary Hypertension Association, and the ATS Foundation Tobacco-Dependence Research Fund, and 4 MECOR Awards. The deadline for letters of intent is June 6, 2017.

For more information on the current opportunities, please visit [thoracic.org/go/researchgrants](http://thoracic.org/go/researchgrants).

## ATS Membership Matters



Tell us!

As an ATS Assembly member your experience is central to inspiring others to join or renew their membership. **Tell us why ATS membership matters to you! What is its value to you?**

Send a sentence or two, or even a punchy quote, to [MemberValue@Thoracic.org](mailto:MemberValue@Thoracic.org). We appreciate hearing from you within three weeks of the date of this newsletter. Be sure to provide your name, the name of your institution, city and state/country. We may use your quote in a future membership promotion!

## Did you know that as an ATS member you:

- Receive a discount of **20%** (average) on education products at the ATS Store?
- Benefit from **FREE** ABIM and ABP MOC self-assessment products?
- Have access to **NEW member benefits** that include:
  - Significant discounts on Springer respiratory books (print copies), and FREE online access to this book series,
  - Copies of our new ATS pocket guidelines.

**Save \$1,200** – or more – per year on ATS products and services over nonmember rates.

See why [members love the ATS!](#)

## Assembly Members: Help Us to Help You!

Have you:

- ◇ Moved?
- ◇ Changed your title?
- ◇ Added a new specialty, credential or other information?
- ◇ Or perhaps we just do not have a complete profile for you!

Please take a minute to update your contact information, assembly affiliations, and demographic profile today. And now you can also upload your PHOTO to your member profile!

Log in: <https://www.thoracic.org/login/ats-member-login.php>

By keeping your profile current, you help us provide programs and services that are most targeted to you.

## ATS 2017 Exhibitors Doing Fundraisers for ATS Foundation

### **Actelion Pharmaceuticals US, Inc. in Booth 525**

Actelion Pharmaceuticals, Inc. will donate \$25 for each attendee who takes part in their “Join the Conversation” digital graffiti activity. They have pledged a maximum

### **AstraZeneca in Booth 637**

AstraZeneca will donate \$5 for each attendee who completes their activity. They have pledged a maximum donation of \$7,500.

### **Vitalograph, Inc. in Booth 1630**

Vitalograph, Inc. will donate \$1 for each attendee who completes their respiratory quiz. They have pledged a maximum donation of \$100



### **ATS BEAR Cage**

*(Building Education to Advance Research)*

**Sunday, May 21, 2017**

**2pm – 4pm**

**Center for Career Development**

**Walter E. Washington Convention Center, Hall D, (Middle Building, Level 2)**

Hosted by the ATS Drug Device Discovery and Development (DDDD) Committee, the 3rd Annual BEAR Cage (Building Education to Advance Research) competition encouraged early career investigators to submit an innovative clinical or translational research proposal for the opportunity to participate in the live event at ATS 2017. Join us to see the top three finalists competitively “pitch” their proposals to a panel of translational science experts representing academia, industry, and governmental sectors. Come support and cheer on the finalists as they compete for the \$5,000 grand prize! All are encouraged and welcome to attend. For more information, please contact [DDDD@thoracic.org](mailto:DDDD@thoracic.org).

### **2017 BEAR Cage Finalists**

#### **Marcus Y. Chen, MD**

National Heart, Lung, and  
Blood Institute (NHLBI)

*Chest CT at Chest X-ray Radiation Dose*

#### **Sanghyuk Shin, PhD**

UCLA Fielding School of Public Health

*Unmasking Resistance: Impact of Low-frequency Drug-Resistance on Molecular Diagnosis of Drug-Resistant Tuberculosis*

#### **Prema R. Menon, MD, PhD**

University of Vermont Medical Center

*Communicating with Mechanically Ventilated Patients*

## Cough

When air passes out through our voice box with force, a sound is made that we all recognize as a "cough". The act of coughing usually begins with a deep breath in, followed by air leaving the mouth with force. A cough is your body's way of preventing material from entering your breathing tubes (airways) and clearing mucus or foreign material from your airways. Cough is the most common complaint for which patients seek medical care.



A cough is not a disease, but can be a common symptom of different upper and lower respiratory tract diseases. Even if you do not have a lung disease, you may cough.

## What causes a cough?

A cough can happen when something irritates your nerve endings. Labeled cough receptors. These nerve endings are in many areas inside your body, from your head and neck area, to just above your navel (belly button). Inhaling particles, vapors, smokes, fumes, dust, or cold air may irritate these receptors and may make you cough.

## Can a cough spread infection?

Cough can be a way of spreading infection to others. Infection (the flu) and tuberculosis (TB) are examples of infections that can be spread by coughing infected droplets into the air. While a cold virus (the common cold) can be passed on to others by coughing, cold viruses are much more likely to be spread to others by hand-to-hand contact. Hand-to-hand contact is when you shake hands with someone who has the infection or touch something that has the cold virus on it and then your touch your nose or eyes.

To help decrease the spread of infection, you should:

- Cover your mouth and nose with a tissue when coughing or sneezing. You don't want to spread germs to others.
- When a tissue is not available, cough or sneeze into your upper sleeve or elbow, not your hands.
- Dispose of used tissues into a waste basket.
- Avoid spitting as it can cause a risk that may infect others.
- Ask for and wear a facemask when visiting a healthcare facility if you are coughing or have cold symptoms.
- Wash your hands often and for at least 20 seconds using soap and water.
- Use an alcohol-based hand rub (sanitizer) when soap and water are not available.

Is there anything special that I should know about my cough? If you have a cough, keep track of how long you have been

that provides vomiting is called pertussis (whooping cough). Such a cough-variant syndrome, according to the CDC, should alert one to the possibility of pertussis. For more information on whooping cough, see the ATS patient information series piece "Pertussis" at [www.thoracic.org/patient](http://www.thoracic.org/patient).

## Acute, Sub-acute and Chronic Cough

There are three time periods to use as you describe how long you have had your cough: acute (lasts less than 3 weeks), sub-acute (lasts 3 to 8 weeks) or chronic (lasts more than 8 weeks and does not let up).

● An acute cough is most often caused by the common cold. This cough usually starts to improve by the third to fifth day. Cough from the common cold usually is not a serious threat to health and usually does not last longer than 14 days.

People with a cold typically also complain of nasal stuffiness, runny nose, throat clearing, and a sore or scratchy throat. They also may feel like they have mucus dripping down the back of their throat. Acute cough can also be due to inhaling irritants such as pollen or strong fumes. Cough may be the first symptom of inadequate control of asthma. Less commonly, an acute cough can be due to more serious conditions such as pneumonia or heart failure.

● A sub-acute cough most commonly happens after a respiratory infection (often from a virus). Other common reasons for a sub-acute cough are whooping cough (pertussis) and flare-ups of conditions such as asthma, chronic bronchitis, sinusitis or bronchiectasis. When a cough starts to get better but then worsens, you should see your healthcare provider.

● A chronic cough can happen to you for many reasons. Often, it is a combination of reasons that explain why you are coughing. Chronic cough can happen from upper airway conditions such as inflammation (swelling) of the membranes inside the nose (rhinitis) and sinuses (sinusitis) as a result of allergies or infections or from poorly controlled asthma. Cigarette smoking can cause chronic bronchitis and result

## Patient Education Materials Available at the 2017 International Conference

The ATS now maintains over 100 patient education handouts as part of its Patient Information Series. The Series includes a wide variety of pulmonary/critical care/sleep and public health topics including: Bronchoscopy, Pneumonia, Mechanical Ventilation, Oxygen Therapy, Asthma, COPD, PFTs, Sleep Testing, Lung Cancer, VCD, TB, Emergency/Disaster, and Palliative Care. All pieces are available in English and many available in other languages, such as Spanish and Portuguese.

In addition to the Patient Information Series, a new Lung Cancer Screening Decision Aid is now available for free on the ATS Website, with bulk copies available for purchase.

All are encouraged to use these free-access materials, which are published in the ARJCCM, posted on the ATS Website at [www.thoracic.org/patients](http://www.thoracic.org/patients) and can be provided upon request in alternative formats for EMR systems. Stop by the ATS Center in Washington, D.C. to view copies of these materials. Contact Judy Corn, ATS Staff, at [jcorn@thoracic.org](mailto:jcorn@thoracic.org) for additional information or to suggest new topics.

### Official ATS Documents: Informational Opportunities at the 2017 ATS International Conference in Washington, D.C.

If you're developing or interested in developing an Official ATS Document (Statements, Clinical Practice Guidelines, Workshop Reports, or Technical Standards), please consider attending one or more of these opportunities while you are in Washington, D.C. at the ATS International Conference:

- Documents Development & Implementation Committee (DDIC) Workshop/Meeting: Friday, May 19th from 6-9 PM, Renaissance Washington Downtown, Meeting Room 8-9. This session is **required** for all Guideline Panel Chairs and Chairs of new non-guideline projects. The session is **recommended** for Chairs of ongoing non-guideline projects. Please RSVP to John Harmon at [jharmon@thoracic.org](mailto:jharmon@thoracic.org) if you have not already done so. Note: CPG Chairs are required to provide a brief verbal update at this session.
  - ⇒ 6-7 PM – Presentations by DDIC members about the Official Document types, methodological requirements for each, and other practical issues (e.g., conflict of interest management, review, and approval); a light dinner will be served.
  - ⇒ 7-9 PM – Current Guideline Chairs (or their designees) will give progress reports and then troubleshoot informally with DDIC members and ATS staff. New Guideline Chairs will have the opportunity to listen to these reports and learn about the "trials and tribulations" of guideline development from experienced peers.
- Ad Hoc meetings: Whether you are developing or want to develop an official ATS document, you can schedule an appointment with Dr. Kevin Wilson (ATS Documents Editor) or Dr. Jan Brozek (ATS Methodologist). To schedule a meeting, email Kevin Wilson at [kwilson@thoracic.org](mailto:kwilson@thoracic.org) or Jan Brozek at [brozekj@mcmaster.ca](mailto:brozekj@mcmaster.ca).
- Documents Meeting Space: Meeting space will be available to document developers from Sunday-Wednesday; contact Kimberly Lawrence at [klawrence@thoracic.org](mailto:klawrence@thoracic.org) for additional details.
- Guideline Methodology Training Program Information Session: Monday, May 22<sup>nd</sup> from 7-8:30 PM, Renaissance Washington Downtown, Meeting Rooms 12-13-14. Anyone who is interested in learning more about this new training program is welcome to attend. A brief description of the program will be provided, followed by time for questions and answers. A light dinner will be served. RSVP to [kwilson@thoracic.org](mailto:kwilson@thoracic.org) is required. Space is limited.
- Meet the Professors: A Meet the Professors Session entitled "Official ATS Documents: How to Get Involved" is being hosted by Dr. Raed Dweik (Chair of the Documents Development and Implementation Committee) and Dr. Kevin Wilson (ATS Documents Editor) on Tuesday, May 23<sup>rd</sup> from 12:15 until 1:15 pm. Registration is available through the Conference Registration Website.



**ATS Assembly Members Give Generously to the ATS Foundation**

Thank you for participating in the [2016 ATS Assembly Challenge!](#)

The annual challenge taps into the grassroots community — and competitive spirit — of the ATS assemblies in support of the ATS Foundation. This was the closest Challenge yet!



**Irina Petrache, MD**, chair for the Assembly on Respiratory Cell & Molecular Biology, receives RCMB's Assembly Challenge award from Dean Schraufnagel, MD, ATS Foundation Chair

The results are: the Assembly on **Respiratory Cell and Molecular Biology** raised the most dollars with \$94,718; **Nursing** had the highest member participation with 20.49 percent; **Allergy Immunology & Inflammation** had the highest number of first-time givers in December with seven new donors.

Many members made gifts supporting the [Research Program](#) and other core programs in the final days of 2016. There was tremendous energy around the Challenge this year, with assembly chairs crafting special messages to their members. Most chairs sent two or more personal emails to their members during the Challenge.

Congratulations to the Respiratory Cell & Molecular Biology, Nursing, and Allergy Immunology & Inflammation assemblies! They will receive special recognition in ATS communications, at ATS 2017, and within their own assemblies.

The ATS Foundation would like to thank all ATS assemblies for their outreach and generosity during the Challenge. You provided a big boost to Foundation year-end giving campaigns—and a boost to our upcoming grant-making capacity for talented investigators. Thank you for your enthusiastic support!

Truly, your energy, creativity, and participation were outstanding. Thank you for everything you do for the ATS, the Foundation, young investigators, patients, and respiratory health worldwide.

To learn more about the ATS Foundation or to make a gift, visit [foundation.thoracic.org](http://foundation.thoracic.org).



**Eileen G. Collins, PhD**, chair for the Assembly on Nursing, receives Nursing's Assembly Challenge award from Dean Schraufnagel, MD, ATS Foundation Chair



**Mitchell A. Olman, MD**, chair for the Assembly on Allergy Immunology & Inflammation, receives All's Assembly Challenge award from Dean Schraufnagel, MD, ATS Foundation Chair