2013 ROAD MAP
for Professionals in Transition and Training
Welcome to ATS 2013 • PHILADELPHIA, the International Conference of the American Thoracic Society (ATS). With more than 13,000 attendees from over 100 countries, the ATS meeting is one of the largest gatherings of pulmonary, critical care and sleep medicine professionals in the world.

The conference offers a vast array of activities to keep you busy during your time in Philadelphia. As a group of your peers, the ATS Members In Transition and Training (MITT) Committee understands that it can be daunting to navigate the conference’s impressive number of outstanding events. That is why we created the Road Map for Professionals in Transition and Training.

The Road Map highlights activities that we, the MITT Committee, think are of particular interest to medical students, residents, fellows, post docs and those who have recently transitioned out of fellowship. For each day, we have selected a wide variety of symposia, review sessions, pro/con debates and lectures. Our intention in making these choices is not to devalue other sessions, but merely to suggest a variety of options in a concise fashion to help you maximize your experience. Because research interests are highly individual, we have not suggested individual research-oriented sessions. We recommend that you also search through the entire International Conference program for research symposia and poster sessions related to your specific research or clinical interests, and we highly encourage you to attend these research sessions.

In the Road Map, we have also highlighted several events, programs, resources and tools that are of particular interest to fellows and those in training, which include:

- **Assembly Business Meetings:** The Assemblies are the best way to get involved in the ATS. More information about the ATS Assemblies can be found on pages 13 and 16.

- **Center for Career Development:** The Road Map also includes a schedule for the Center for Career Development – a networking forum where senior clinicians and researcher offer advice on transitioning or a career in academics, private practice or industry, as well as negotiating a contract, finding a mentor and other “survivor skills” that might add to your professional experience. To view the full schedule, please refer to page 6.

- **Adult and Pediatric Core Curriculum Sessions:** New this year, the ATS will feature a core curriculum showcasing adult and pediatric medicine. These sessions will correspond with online modules that will be submitted to the American Board of Internal Medicine (ABIM) and American Board of Pediatrics (ABP) for conference registration can take all three modules for a total of 30 MOC Part II points at the Conference. For more information, please refer to page 23.

- **Grant Resource Guide:** The MITT Committee compiled a comprehensive listing of funding sources specific for fellows and juniors faculty. The Grant Resource Guide is available in the Center for Career Development and online at thoracic.org/education/career-development/fellows-junior-professionals/grant-resource-guide.php.

There are numerous ways to get involved with the ATS. In addition to the Assemblies, there are many committees, taskforces and opportunities to advocate for improved health care for patients and increased funding for research. If you are interested in getting more involved, please don’t hesitate to contact us through Elizabeth Guzman and Lauren Lynch, the ATS staff members who work closely with the MITT Committee, by sending them an e-mail at fellows@thoracic.org.

Once more, welcome to ATS 2013 • Philadelphia! We hope you have an exciting and informative experience.

Sincerely,

Renee D. Stapleton, MD, PhD
Chair, MITT Committee
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BEST OF ATS CONFERENCE

The ATS offers one year of free unlimited access* to the Scientific Symposia webcasts for all In-Training registered attendees of the International Conference.

* Approximately 4 - 6 weeks post-conference, full registration attendees will receive an email with login instructions for accessing the Scientific Symposia webcasts on the Best of ATS Conferences website. Please visit www.bestofatsfreesessionslist.com for a complete list of the session titles.
The Center for Career Development (formerly the Center for Fellows and Junior Professionals) is a professional networking and career development forum for medical students, residents, fellows, post docs, junior professionals and other allied healthcare and research professionals in training or transitioning from training. Each day, the CCD features informal workshops aimed at enhancing the professional development for all professionals in pulmonary, critical care and sleep medicine.

**SUNDAY, MAY 19-TUESDAY, MAY 21 7:00AM – 4:30PM**

**PENNSYLVANIA CONVENTION CENTER IN PHILADELPHIA**

**HALL C, 200 LEVEL, PENNSYLVANIA CONVENTION CENTER**

**STANDING EVENTS EVERYDAY**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00am</td>
<td>Complimentary coffee and breakfast every day</td>
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<td>7:00am</td>
<td>Faculty Meet and Greet</td>
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<td>8:00am</td>
<td>Complimentary coffee and breakfast every day</td>
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<td>8:00am</td>
<td>Faculty Meet and Greet</td>
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**Questions? email Elizabeth Guzman @ fellows@thoracic.org**

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**SUNDAY, MAY 19**

**Time: 10:45am – 11:30am**
**Topic: Life After Post-Doctoral Training**
**Speakers: Richard Johnston, PhD, The University of Texas at Houston; Kevin Cromar, PhD, NYU School of Medicine; Cherie A. Singer, PhD, University of Nevada; John F. Alcorn, PhD, University of Pittsburgh**

**Time: 11:30am – 12:15pm**
**Topic: Industry Careers**
**Speakers: Theodore Reiss, MD, MBE, Novartis Pharmaceuticals Corporation; Paul Rowe, MD, Forest Research Institute; Alex Derchak, MD, Gilead Sciences Inc.**

**Time: 12:15pm – 1:00pm**
**Topic: Private Practice Careers**
**Speakers: David Hotchkin, MD, The Oregon Clinic; Humam Farah, MD, Hannibal Clinic and Hannibal Regional Medical Center**

**Time: 3:30pm – 4:30pm**
**Topic: Negotiating a Private Practice Contract**
**Speakers: Michael Green, MD, MBA, Charlotte Medical Clinic**

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**MONDAY, MAY 20**

**Time: 10:45am – 11:30am**
**Topic: Clinician Educator Careers**
**Speakers: Annette Esper, MD, Emory University; Garth Garrison, MD, University of Vermont; Barbara Chini, MD, Cincinnati Children’s Medical Center; Andrew Luks, MD, University of Washington**

**Time: 11:30am – 12:15pm**
**Topic: Physician Scientist Careers**
**Speakers: J. Randall Curtis, MD, University of Washington; Janet Lee, MD, Pittsburgh University**

**Time: 12:15pm – 1:00pm**
**Topic: Get the Job You Want After Training**
**Speakers: Lynn Schnapp, MD, University of Washington; David Ingbar, MD, University of Minnesota; Jeffrey Fredberg, PhD, Harvard School of Public Health**

**Time: 3:30pm – 4:30pm**
**Topic: Being a Mentee and a Mentor**
**Speakers: Marc Moss, MD, University of Colorado; Sharon Rounds, MD, Brown University**

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**TUESDAY, MAY 21**

**Time: 10:45am – 11:30am**
**Topic: Life after Assistant Professorship**
**Speakers: Christopher Carlsten, MD, MPH, University of British Columbia; Ikram Haque, MD, The University at Texas at Houston; Daniel J. Tschumperlin, PhD, Harvard University**

**Time: 11:30am – 12:15pm**
**Topic: Writing Grants**
**Speakers: Jeremy Kahn, MD, University of Pittsburgh; Christopher O’Donnell, PhD, University of Pittsburgh; Angela Haczku, MD, PhD, University of Pennsylvania**

**Time: 12:15pm – 1:00pm**
**Topic: Writing and Publishing Papers**
**Speakers: Y.S. Prakash, MD, PhD, Mayo Clinic; Kenneth Adler, PhD, North Carolina State University**

**Time: 3:30pm – 4:30pm**
**Topic: Applying to the NIH Loan Repayment Program**
**Speakers: Colin Cooke, MD, University of Michigan; Sandra Colombini-Hatch, MD, National Heart, Lung, and Blood Institute Health; Renda Soylemez Wiener, MD, MPH, Boston University School of Medicine Andrew Wilson, MD, Brown University**

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*The CCD is planned by the Members In Transition and Training (MITT) Committee*
(B12) CAREER DEVELOPMENT SYMPOSIUM: ACHIEVING SUCCESS IN ACADEMIC MEDICINE DURING UNCERTAIN TIMES

* Road Map Highlighted Scientific Symposium!
Monday, May 20, 2013; 8:15 AM-10:45 AM

If you are in the early stages of your professional, academic career, then you should attend the Career Development Symposium: Achieving Success in Academic Medicine during Uncertain Times. This Symposium will provide perspective and skills for trainees and junior faculty interested in research careers within academic medicine. Specifically, this Symposium will impart concrete skills regarding identifying, applying for, and obtaining conventional (NIH) and unconventional (industry) funding. The increasingly collaborative nature of science will also be explored, with an emphasis on collaborative and consortium funding mechanisms.

The Symposium will be facilitated by Richard A. Johnston, PhD from the University of Texas Medical School at Houston and by Jeremy B. Richards, MD, MA, Beth Israel Deaconess Medical Center.

8:15AM Jeremy B. Richards, MD, MA
Beth Israel Deaconess Medical Center
Introduction

8:20AM Timothy S. Blackwell, MD
Vanderbilt University
Beginning Your Academic Career in an Unfavorable Economic Climate: What Can I Do To Be Successful?

8:45AM Michael R. Blackburn, PhD
University of Texas Medical School at Houston
Traditional Funding Sources

9:10AM Mitchell M. Levy, MD
Warren Alpert Medical School of Brown University
Non-Traditional Funding Sources

9:35AM Marsha Wills-Karp, PhD
Johns Hopkins Bloomberg School of Public Health
Managing Your Time in Academia: When to Say No

10:00AM Michael A. Matthay, MD
University of California, San Francisco
Academic Medicine is a Team Sport: How to Create Effective Scientific Collaborations

10:25AM Richard A. Johnston, PhD
University of Texas Medical School at Houston
Panel Discussion: Lessons Learned, Future Directions, and Audience Questions

Career Development Symposium: Achieving Success in Academic Medicine During Uncertain Times was developed by the Members In Transition and Training (MITT) Committee and endorsed by the Education and Training Committees. The event is free to paid conference registrants, but registration is required.

Please direct any questions about this Symposium to:
Elizabeth Guzman, Assistant Manager, Education Projects and Junior Professionals
Tel: 212.315.8627 Fax: 212.315.8651 Email: eguzman@thoracic.org
The ATS is offering access to the Virtual Fellowship Toolkit to those pulmonary, critical care, and sleep fellows, who have recently begun the first year of their training. This toolkit is an online compendium of resources and information that may help during the fellowship years.

The Virtual Fellowship Toolkit includes:

- Free Webcasts from the 2012 International Conference in San Francisco, California
- Upcoming fellow events at the 2013 International Conference in Philadelphia, PA
- Career Development Resource Tools specific for first-year Pulmonary, Critical Care, and Sleep Fellows
- ATS Statement and Guidelines
- Journal Opportunities for Fellows

To access this site, please visit our website: http://thoracic.org/education/career-development/fellows-junior-professionals/fellows-toolkit.php

Please note that access to this site will expire on June 15, 2013.
The ATS Fellows Symposium (FTS) at the 2013 International Conference in Philadelphia is a two-day course covering cutting-edge topics in the field of respiratory medicine and will provide pulmonary, critical care and sleep fellows with a travel scholarship to attend the ATS International Conference. The FTS will include faculty presentations on clinical issues related to the diagnosis and treatment of a variety of pulmonary, critical care and sleep disorders and will feature four breakout sessions and one ultrasonography dinner symposium.

Accepted fellows must be nominated by their fellowship program directors. This course is closed to those who have not received a FTS confirmation email from ATS.

The FTS is supported by educational grants from Educational Supporters Actelion Pharmaceuticals, US, Inc.; AstraZeneca LP; and Sunovion Pharmaceuticals, Inc. and Contributing Supporter Genentech. In-Kind Support has been provided by SonoSite Inc.

**DINNER SYMPOSIUM**

**Critical Care Ultrasonography**
Pierre Kory, MD, MPA
Albert Einstein College of Medicine

**Agitation, Delirium and Sedation in the ICU**
Thomas Bleck, MD
Rush University Medical Center

**Asthma – Treatment Updates**
James Donahue, MD
University of North Carolina

**COPD Treatment Update**
Bartolome Celli, MD
Brigham and Women’s Hospital

**CPAP and Obstructive Sleep Apnea – How and Why?**
Neil Freedman, MD
Northshore University

**Difficult Ventilator Problems**
Neil MacIntyre, MD
Duke University

**Cystic Fibrosis – Pediatrics to Adult**
Stanley Fiel, MD
Morristown Hospital

**Exercise and COPD**
Bartolome Celli, MD
Brigham and Women’s Hospital

**If Not CPAP, What? Non-CPAP Sleep Devices**
Alan Schwartz, MD
John Hopkins University

**Interstitial Lung Disease**
Ganesh Raghu, MD
University of Washington

**Issues in Clinical Design**
Deborah Shure, MD

**Lung Cancer**
Patricia Rivera, MD
State University of New York at Stony Brook

**Management Issues in Sepsis**
Mitchell Levy, MD
Rhode Island Hospital

**Managing the Critically Ill – Best Practices and Venues of Care**
Shannon Carson, MD
UNC Division of Pulmonary and Critical Care Medicine

**Mechanical Ventilation Updates**
Neil MacIntyre, MD
Duke University

**Neurological Emergencies in the ICU**
Thomas Bleck, MD
Rush University Medical Center

**Non-Pulmonary Sleep Disorders**
James Rowley, MD
Detroit Medical Center

**Pulmonary Arterial Hypertension**
Paul Hassoun, MD
John Hopkins University

**Sleep in Children**
Catherine Kier, MD
State University of New York at Stony Brook

**Sleep in Women**
Barbara Phillips, MD, MSPH, FCCP
University of Kentucky

**Sleep Trends in Diagnosis and Treatment**
Barbara Phillips, MD, MSPH, FCCP
University of Kentucky

**Tuberculosis**
Carolyn Welsh, MD
University of Colorado
CLINICAL YEAR IN REVIEW SESSION

Each morning, four major clinical topics are reviewed. These sessions focus on the most significant contributions to the field in the preceding year with an emphasis on four or five major publications. Speakers provide a written summary and a review of the selected articles that are presented. The four clinical sessions are listed below, as well as the nursing and pediatric year in review sessions.

SUNDAY, MAY 19

(A1) Clinical Year in Review 1
Time: 8:45 a.m. – 10:45 a.m.
Grand Ballroom (Above Grand Hall) Pennsylvania Convention Center
A review of clinical advances in selected critical care topics, including acute respiratory distress syndrome, mechanical ventilation and ICU organization and systems.

(A81) Nursing Year in Review
Time: 2:00 p.m. – 4:30 p.m.
Room 107 A-B (100 Level) Pennsylvania Convention Center
This session will provide an overview of recent advances in the areas of sleep, critical care, and pulmonary research and practice from a nursing perspective, with application of lessons learned across practice settings.

MONDAY, MAY 20

(B1) Clinical Year in Review 2
Time: 8:45 a.m. – 10:45 a.m.
Grand Ballroom (Above Grand Hall) Pennsylvania Convention Center
This session will review advances over the last year in critical areas of pulmonary and critical care medicine including prevalent pulmonary and critical illnesses. Novel topics proposed this year include health disparities in pulmonary and critical care medicine and systems-based approaches to the organization and delivery of critical care services.

TUESDAY, MAY 21

(C1) Clinical Year in Review 3
Time: 8:45 a.m. – 10:45 a.m.
Grand Ballroom (Above Grand Hall) Pennsylvania Convention Center
A review of clinical advances in selected critical care topics, including acute respiratory distress syndrome, mechanical ventilation and ICU organization and systems.

(C81) Pediatric Year in Review
Time: 2:00 p.m. – 4:30 p.m.
Room: Terrace Ballroom II (400 Level) Pennsylvania Convention Center
An update of important scientific and clinical advances in pediatric pulmonology from the past year.

WEDNESDAY, MAY 22

(D1) Clinical Year in Review 4
Time: 8:45 a.m. – 10:45 a.m.
Grand Ballroom (Above Grand Hall) Pennsylvania Convention Center
A review of clinical advances in selected critical care topics, including acute respiratory distress syndrome, mechanical ventilation and ICU organization and systems.
SATURDAY, MAY 18, 2013

Afternoon

(G1) Opening Ceremony
Time: 4:30 p.m. – 5:30 p.m.
Grand Ballroom (Above Grand Hall) Pennsylvania Convention Center
The American Thoracic Society invites you to attend the Opening Ceremony as the official start of the 2013 International Conference. The Ceremony will showcase our host city, Philadelphia, and provide a keynote talk relevant to the science and practice of pulmonary, critical care and sleep medicine. The Ceremony will be followed by a social gathering with light refreshments where attendees can meet up with friends and colleagues.

(S1) Career Development Exchange
Time: 5:30 p.m. – 6:30 p.m.
Terrace Ballroom Foyer (400 Level) Pennsylvania Convention Center
The Career Development Exchange is an annual networking event for medical students, residents, fellows, junior professionals and post docs transitioning from training in their careers. The event is intended to provide a relaxed atmosphere where attendees can network with peers, ATS leaders, and representatives from health care and research funding government agencies, as well as other prominent thought leaders and decision makers. The event includes cocktails and hors devours.

SUNDAY, MAY 19, 2013

Morning

(A3) Fellows Case Conference
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom IV (400 Level) Pennsylvania Convention Center
Unique cases presented and discussed by fellows with a panel of clinical experts to moderate the discussion and provide commentary. The discussion will yield important teachings for both fellows and seasoned clinicians.

(A4) Improving ICU Decision-Making at the End of Life: Cutting-Edge Strategies
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom III (400 Level) Pennsylvania Convention Center
Provide more effective patient centered shared decision making in ICUs, using cutting edge topics relevant to clinicians, researchers, patients, and families.
(A11) Nocturnal Non-Invasive Ventilation (NNIV): Theory, Evidence, and Current Best Practice
Time: 8:15 a.m. – 10:45 a.m.
Room 204 A-B (200 Level) Pennsylvania Convention Center
Offer prospective and experienced clinicians and investigators alike a firm and practical basis for understanding the rationale for application of nocturnal non-invasive ventilation in patients with a wide range of severe cardio-respiratory disorders including heart failure, COPD, obesity hypoventilation, and neuromuscular weakness who may benefit from acute and/or long-term ventilatory support.

(A12) Severe Asthma: Grading the Current Evidence and Planning for the Future
Time: 8:15 a.m. – 10:45 a.m.
Room 115 A-B-C (100 Level) Pennsylvania Convention Center
This session will summarize our current understanding of severe asthma and its phenotypes from a clinical and scientific perspective, as well as address the current approaches to therapy using the same methods. It will expand on these current findings to explore the future possibilities to enhance the treatment of severe asthma.

Lunch

(L4) Integrating Emergency Care into Critical Care and Pulmonary Research
Time: Noon – 1:00 p.m.
Liberty Ballroom (Level 3) Philadelphia Marriott Downtown
Leaders from the National Institute of Health will identify their goals and objectives and provide updates on recent progress and ongoing plans to integrate emergency and critical care research.

(S2) Diversity Forum
Time: 11:30 a.m. – 1:00 p.m.
Liberty Ballroom (Level 3) Philadelphia Marriott Downtown
The focus of the Diversity Forum is on the diversity prevalence among health care professionals today. This year we are pleased to present a panel discussion on career challenges and opportunities.

Afternoon

(A82) Clinical Challenges in Lung Cancer: Practicing with Limited Evidence
Time: 2:00 p.m. – 4:30 p.m.
Terrace Ballroom I (400 Level) Pennsylvania Convention Center
Experts present recent clinical challenges in lung cancer.

(A83) Great Cases: Clinical, Radiologic and Pathologic Correlations by Master Physicians
Time: 2:00 p.m. – 4:30 p.m.
Terrace Ballroom IV (400 Level) Pennsylvania Convention Center
Nine cases will be selected from the abstract pool and presented as “unknowns” to master clinicians followed by discussion, review of radiographs by a thoracic radiologist and a review of pathology by a pulmonary pathologist.
(A84) Sepsis Therapeutics and Clinical Trials: What Went Wrong?
Time: 2:00 p.m. – 4:30 p.m.
Terrace Ballroom III (400 Level) Pennsylvania Convention Center
This session will review a long history of failed interventions and how we develop recommendations that are evidence-based, for practicing clinicians who treat patients with sepsis.

(A91) Therapeutic Strategies in IPF – Debates between Bench and Bedside
Time: 2:00 p.m. – 4:30 p.m.
Terrace Ballroom II (400 Level) Pennsylvania Convention Center
Address complementary topics with direct relevance to the design of trials in IPF.

Amberson Lecture / Trudeau Medical Presentation / Awards Session
Time: 4:45 p.m. – 6:30 p.m.
Grand Ballroom (Above Grand Hall) Pennsylvania Convention Center
This event will feature the award presentation of the following: Amberson Lecture, Distinguished Achievement Award, Outstanding Clinician Award, Public Service Award, Trudeau Medalist, and World Lung Health Award.

ATS Assemblies
Assemblies are the heart of the ATS and provide a great entry point to the organization for trainees, junior faculty and new ATS members. Among other activities, the Society’s 13 assemblies are responsible for driving the programming and content of the annual International Conference. Assemblies are also responsible for creating and updating ATS documents, including statements, guidelines and reports. Every ATS member can belong to one “primary” and up to two “secondary” assemblies. If you haven’t already chosen your assembly, you can designate your choices or update your ATS membership profile at any time by visiting thoracic.force.com/MPU.

One of the easiest ways to get involved is to attend the annual meeting of the assembly or assemblies that you feel best fit your clinical and research interests. We strongly encourage you to attend an annual meeting, as it will give you the chance to meet the assembly leader’s in-person. If you are interested in becoming involved, but find you cannot attend, you can also contact assembly leaders by e-mail after the conference.

For more information about ATS Assemblies, visit thoracic.org/assemblies/index.php and read our Assemblies Brochure.

Sunday Assembly Membership Meetings
6:30 p.m. – 8:30 p.m.
The ATS Assembly Membership Meetings are opened to all ATS members and other interested individuals. Items to be discussed include current and future projects and information on how to get involved.

Behavioral Science and Health Services Research
This assembly seeks to understand and improve health behaviors and outcomes, and improve systems of care, and reduce health disparities. Members have expertise in psychology, adherence to therapy, clinical epidemiology, statistics, health services research, health economics, comparative clinical efficacy and effectiveness research, performance measurement, quality improvement and implementation science. Members represent a wide variety of clinical interest areas, including pulmonary diseases, critical illnesses and sleep-related breathing disorders.

Chair: Jerry K. Krishnan, MD, PhD
Website: thoracic.org/sections/about-ats/assemblies/bs/index.html
Pediatrics (PEDS)
Though research and education, this Assembly seeks to advance our understanding of the pathophysiology, diagnostics and clinical management of respiratory diseases that afflict developing children and adolescents.

Chair: Howard B. Panitch, MD
Incoming Chair: Robin R. Deterding, MD
Website: thoracic.org/sections/about-ts/assemblies/peds/index.html

MONDAY, MAY 20, 2013

Morning

(B2) Exacerbations of COPD: Current State of Knowledge
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom I (400 Level) Pennsylvania Convention Center
A panel of clinical and basic researchers will provide novel mechanisms, therapeutic targets and development of biomarkers for assessing COPD exacerbations and their effect on quality of life and health care cost.

(B4) Looking to the Future of ARDS Clinical Trials
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom III (400 Level) Pennsylvania Convention Center
Experts in clinical and translational research in ARDS will review potential approaches to improving the design of future ARDS clinical trials.

(B11) Managing Difficult Infections in Cystic Fibrosis
Time: 8:15 a.m. – 10:45 a.m.
Lecture Hall 114 (100 Level) Pennsylvania Convention Center
In this session speakers will review ongoing clinical studies and recent publications on the management of lung infections in cystic fibrosis.

(B12) Career Development Symposium: Achieving Success in Academic Medicine During Uncertain Times
*MITT Committee Sponsored Symposium!
Time: 8:15 a.m. – 10:45 a.m.
Room 126 A-B (100 Level) Pennsylvania Convention Center
This Symposium will provide perspective and skills for trainees and junior faculty interested in research careers within academic medicine. Specifically, this Symposium will impart concrete skills regarding identifying, applying for, and obtaining conventional (NIH) and unconventional (industry, etc.) funding. The increasingly collaborative nature of science will also be explored, with emphasis on collaborative and consortium funding mechanisms. The future uncertainty of academic medicine will be tempered with a historical perspective of the recent equally uncertain past. Finally, skills important to overall success in academic medicine will be incorporated into the Symposium, with particular emphasis on time management skills.
**Lunch**

**(S3) Women’s Forum**  
**Time:** 11:30 a.m. – 1:00 p.m.  
**Regency Ballroom A-B (Second Floor Mezzanine) Loews Philadelphia Hotel**  
The annual Women’s Forum recognizes the achievements and support the advancement of women in pulmonary, critical care, sleep medicine and research. The forum provides a valuable opportunity to meet and network with other women and leaders of the ATS.

The forum will feature guest speakers who will discuss issues that are relevant to female medical professionals (men are welcome!) followed by a question and answer period. We also hope for vibrant discussion and networking among attendees and the speaker! In addition, the 2013 Elizabeth A. Rich, MD Award will be presented at the forum to a female ATS member who has made significant achievements in the practice or science of a respiratory-related field of medicine, and has demonstrated leadership in her field and dedicated mentorship of her junior colleagues. The forum will be hosted by Anne Dixon, MD, chair of the ATS Membership Committee.

**(L11) Update from CDC’s TB Trails Consortium (TNTC) and TB Epidemiologic Studies Consortium**  
**Time:** Noon – 1:00 p.m.  
**Room 204 A-B (200 Level) Pennsylvania Convention Center**  
Provides an update on recent research conducted by CDC’s two TB research consortia, and will include a discussion of rifapentine-based treatment for latent TB infection (LTBI). The session will also include a presentation of an evaluation of the different TB Tests in children immigrating to the United States.

**Afternoon**

**G3) Recognition Awards for Scientific Accomplishment**  
**Time:** 2:00 p.m. – 4:30 p.m.  
**Lecture Hall 114 (100 Level) Pennsylvania Convention Center**  
At this ATS award session, four individuals will be recognized for the outstanding contributions they have made toward advancing the understanding, prevention and treatment of respiratory diseases, critical illnesses or sleep disorders.

**(B84) NEJM/JAMA Session Critical Care**  
**Time:** 8:15 a.m. – 10:45 a.m.  
**Room 119 A-B (100 Level) Pennsylvania Convention Center**  
Discussion on the edge: reports of recently published critical care research.

**(B85) Scientific Breakthroughs of the Year: Mechanisms of Tissues Repair**  
**Time:** 8:15 a.m. – 10:45 a.m.  
**Room 121 A-B-C (100 Level) Pennsylvania Convention Center**  
This session will discuss cutting edge science in the field of tissue injury and repair relating to the lung and other organs.
(B87) The Affordable Care Act: Implications for Clinical Practice and Research

Time: 8:15 a.m. – 10:45 a.m.
Room 115 A-B-C (100 Level) Pennsylvania Convention Center
Provides a state of the art discussion of the major provisions of the Affordable Care Act (ACA), and its impact on the field of pulmonary and critical care medicine.

ATS Assemblies

Monday Assembly Membership Meetings

Time: 5:00 p.m. – 7:00 p.m.
Terrace Ballroom IV (400 Level) Pennsylvania Convention Center
The ATS Assembly Membership Meetings are opened to all ATS members and other interested individuals. Items to be discussed include current and future projects and information on how to get involved.

Allergy, Immunology & Inflammation (AII)
This assembly is concerned with allergic, immunologic and inflammatory mechanisms affecting the respiratory system in health and disease.
Chair: Jeffrey L. Curtis, MD
Incoming Chair: Greg Downey, MD
Website: thoracic.org/sections/about-ats/assemblies/aii/index.html

Clinical Problems (CP)
This assembly is concerned with clinical problems in diagnosis, therapy and health care; improvement of training of physicians and other allied health professionals; and development of innovative methods for health care delivery.
Chair: Charlie Strange, MD
Website: thoracic.org/sections/about-ats/assemblies/cp/index.html

Critical Care (CC)
This assembly is concerned with the integrated diagnosis and management of critically ill patients; the clinical, laboratory and translational studies dealing with diseases such as respiratory failure, sepsis and multiple organ failure; and educational programs designed to improve the health care of patients and provide continued education to physicians and other allied health professionals.
Chair: Gordon Rubenfeld, MD
Incoming Chair: Shannon Carson, MD
Website: thoracic.org/sections/about-ats/assemblies/cc/index.html

Environmental & Occupational Health (EOH)
This assembly is concerned with lung diseases related to air pollution, occupational exposures, tobacco smoke, allergens, bioaerosols and other environmental agents, along with genetic susceptibility to lung disease related to the environment. This includes epidemiology, inhalation toxicology, occupational/ environmental medicine and industrial hygiene.
Chair: Paul K. Henneberger, MPH, ScD
Incoming Chair: Carrie Redlich, MD, MPH
Website: thoracic.org/sections/about-ats/assemblies/eoh/index.html
**Microbiology, Tuberculosis & Pulmonary Infections (MTPI)**  
This assembly is concerned with the biology, physiology and taxonomy of mycobacterial and all microorganisms causing respiratory disease. Members promote the prevention, management and control of these pulmonary infections.

Chair: Laurence Huang, MD  
Incoming Chair: David M. Lewinsohn, MD, PhD  
Website: thoracic.org/sections/about-ats/assemblies/mtpi/index.html

**Nursing (NUR)**  
This assembly is concerned with clinical respiratory nursing care issues, patient education and research, incorporating interdisciplinary collaboration and a comprehensive biopsychosocial approach.

Chair: Lynn F. Reinke, PhD  
Website: thoracic.org/sections/about-ats/assemblies/nur/index.html

**Pulmonary Circulation (PC)**  
This assembly is concerned with the physiology, cellular and molecular biology and clinical aspects of the pulmonary circulation, as well as the interrelations between respiration and pulmonary circulation.

Chair: Paul M. Hassoun, MD  
Incoming Chair: Jason Yuan, MD  
Website: thoracic.org/sections/about-ats/assemblies/pc/index.html

**Pulmonary Rehabilitation (PR)**  
This assembly is concerned with the role of pulmonary rehabilitation in the context of the current health care environment. Members promote education for the public and other health care providers about the scientific rationale for and clinical outcomes of pulmonary rehabilitation, as well as continued investigation into the scientific rationale for and clinical outcomes of pulmonary rehabilitation and integrated chronic disease management.

Chair: Richard L. ZuWallack, MD  
Incoming Chair: Roger Goldstein, MD  
Website: thoracic.org/sections/about-ats/assemblies/pr/index.html

**Respiratory Cell & Molecular Biology (RCMB)**  
This assembly is concerned with cellular and molecular mechanisms of lung cell function and with translational applications to health and disease.

Chair: Jesse Roman Rodriguez, MD  
Website: thoracic.org/sections/about-ts/assemblies/rcmb/index.html

**Respiratory Structure & Function (RSF)**  
This assembly is concerned with physiological, morphologic, biochemical, cellular and molecular properties of the normal respiratory system and the mechanisms through which spontaneous or experimental disease alters these properties. Members have interests in lung and skeletal muscle physiology, respiratory mechanics, acute lung injury, imaging and mathematical modeling, lung function testing and aerosols.

Chair: Robert H. Brown, MD  
Website: thoracic.org/sections/about-ats/assemblies/rsf/index.html

**Sleep & Respiratory Neurobiology (SRN)**  
This assembly is concerned with basic respiratory neurobiology; mechanisms of dyspnea; and the causes, consequences and clinical management of sleep-disordered breathing.

Chair: James A. Rowley, MD  
Incoming Chair: Vsevolod Polotsky, MD, PhD  
Website: thoracic.org/sections/about-ats/assemblies/srn/index.html
TUESDAY, MAY 21, 2013

Morning

(C3) Case Based Learning in COPD Management
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom III (400 Level) Pennsylvania Convention Center
Using a case-based format, experts in COPD management discuss pertinent clinical topics in obstructive ventilatory disease, ranging from the approach to recurrent exacerbations, treatment complications, disabling dyspnea, and continued smoking, among others.

(C4) Six Questions We Must Ask to Understand Long-Term Outcomes After Critical Illness
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom III (400 Level) Pennsylvania Convention Center
The long-term physical, cognitive and psychological consequences of surviving critical illness are discussed, with a focus on understanding the available evidence and clinical guidance from the available literature.

(C5) Late Breaking Results of Cardiovascular Randomized Controlled Trials in Obstructive Sleep Apnea
Time: 8:15 a.m. – 10:45 a.m.
Lecture Hall 114 (100 Level) Pennsylvania Convention Center
The relationship between cardiovascular morbidity and obstructive sleep apnea (OSA) will be reviewed, with an emphasis on how recent randomized controlled trials affect our understanding of the affects of OSA on cardiovascular outcomes

(C6) Conflict and Conundrums in the Management of Acute Pulmonary Embolism
Time: 8:15 a.m. – 10:45 a.m.
Room 118 A-B-C (100 Level) Pennsylvania Convention Center
Management of PE will be reviewed in this session, highlighted by a pro/con debate regarding the role of thrombolysis in the treatment of submassive PE.

ATS Plenary Session ATS President’s Lecture / Membership Meeting
Time: 11:30 a.m. – 1:30 p.m.
Grand Ballroom (Above Grand Hall) Pennsylvania Convention Center
The President’s Lecture was established to provide a unique perspective on medicine and science from the vantage point of distinguished scientists, physicians, and academicians. Information on the current state of the Society and the incoming President’s plan for the future will be reported. The officers for the 2013-2014 year will be introduced.
Afternoon

(C82) Lung Cancer Screening: Moving Forward, and Looking Forward
Time: 2:00 p.m. – 4:30 p.m.
Terrace Ballroom I (400 Level) Pennsylvania Convention Center
The evidence for and against lung cancer screening will be reviewed, and experts in the field will discuss potential next steps in lung cancer screening from a research, policy, and clinical perspective.

(C83) NEJM/JAMA Session - Pulmonary
Time: 2:00 p.m. – 4:30 p.m.
Room 109 A-B (100 Level) Pennsylvania Convention Center
Authors of selected articles from the New England Journal of Medicine and the Journal of the American Medical Association discuss their studies, with an opportunity for audience questions.

(C89) The Research Funding Crisis: Finding Funding During Tough Times
Time: 2:00 p.m. – 4:30 p.m.
Grand Ballroom H (Level 5) Philadelphia Marriott Downtown
As it has become increasingly challenging to obtain funding for research, non-traditional funding sources may be an option for some investigators. The funding crisis will be discussed and strategies for obtaining funding will be considered.

WEDNESDAY, MAY 22, 2013

Morning

(D2) Adding Insult to Injury: Complications of IPF
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom I (400 Level) Pennsylvania Convention Center
IPF has a well known grim prognosis. This session will specifically highlight common and uncommon complications of IPF with an emphasis on identification, prognosis, and treatment.

(D4) Psychological Distress in ICU Health Care Providers and the Families of our Patients
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom III (400 Level) Pennsylvania Convention Center
Family members with critically ill loved ones experience high levels of burden and stress in the ICU. Similarly, health care professionals are also exposed to a variety of stresses in the ICU work environment. This symposium will discuss risk factors and potential treatments for psychological distress in both ICU health care professionals and patients’ family members.

(D5) Rationale ad Models for Multidisciplinary Care of Children with Complex Chronic Disorders
Time: 8:15 a.m. – 10:45 a.m.
Lecture Hall 114 (100 Level) Pennsylvania Convention Center
This symposium will discuss the development of multidisciplinary care programs for children with complex chronic conditions including chronic respiratory failure and neuromuscular diseases. An emphasis will be placed on an integrated team approach to evaluation and management, intra- and inter-institutional cooperation, and quality.
(D11) New Insights into Ventilator Associated Complications: What is Happening with the Infections?
Time: 8:15 a.m. – 10:45 a.m.
Terrace Ballroom II (400 Level) Pennsylvania Convention Center
Infections are a common complication of mechanical ventilation and are associated with significant morbidity and mortality. This symposium will focus on both prevention and treatment of these infectious complications and will highlight risk factors, outcomes, empiric antibiotic treatment, virulence of the microorganisms, and recent development of aerosolized antibiotic therapy.

Lunch

(L23) Inner City and Asthma: An Insight to the Disease
Time: 12:00 p.m. – 1:00 p.m.
Room 103 B-C (100 Level) Pennsylvania Convention Center
This session will review the development and treatment of asthma among inner city children and adolescents, which has been studied by the Inner City Asthma Consortium for over 20 years.

Afternoon

(D82) Malignant Pleural Effusion: Beyond the Era of Pleurodesis
Time: 2:00 p.m. – 4:30 p.m.
Terrace Ballroom I (400 Level) Pennsylvania Convention Center
The symposium will cover recent advances in malignant pleural effusion (MPE) management including the new TNM staging and thorascopic pleurodesis. Patients with mesothelioma and EGFR mutation positive lung cancer will also be discussed.

(D84) Obesity in Critical Illness: Management, Outcomes, and Novel Pathophysiologic Concepts
Time: 2:00 p.m. – 4:30 p.m.
Terrace Ballroom III (400 Level) Pennsylvania Convention Center
This session will focus on the challenges of caring for obese patients in the ICU, clinical outcomes of this population, and recent translational research identifying adipose tissue as an active participant in the inflammatory processes seen in critical illness.

(D87) Pulmonary Hypertension with Left Heart Disease: Ventricles, Vessels, and Hemodynamics
Time: 1:30 p.m. – 4:00 p.m.
Room 118 A-B-C (100 Level) Pennsylvania Convention Center
This symposium will focus on several aspects of pulmonary hypertension with left heart disease including prevalence, diagnosis, evaluation, prognosis, and limited available treatments. New insights into the underlying pathophysiology will also be discussed.

Nursing Contact Hours:
The American Thoracic Society is pleased to announce that it has partnered with National Jewish Health to provide Nursing Contact Hours for selected sessions.
For more information, please visit conference.thoracic.org/2013/program/nursing-contact-hours/.

How to Claim Nursing Contact Hours Credit:
After you attend a session that has been selected for Nursing Contact Hours, you will complete an evaluation online or at a kiosk by logging in with your registration email and badge number. You will also be asked to provide your nursing license number; Nursing Contact Hour certificate are created upon completion of the evaluation. Certificates may be emailed and/or printed.
When the members of the MITT Committee first met, we realized there was a lot about the ATS that we didn’t know. To make the ATS more accessible, we created “ATS 101.” We hope this section will give you some ideas on how you can become more active within the organization.

**How does the ATS work?**
The ATS is a member-driven organization, meaning that all decisions are effectively made by members. The day-to-day function of the ATS relies on a dedicated staff of more than 70 employees, who work in offices in New York and Washington, D.C. The Society’s leadership is represented by an Executive Committee comprised of the executive director and five elected officers:

- Secretary-Treasurer
- Vice-President
- President-Elect
- President
- Immediate-Past President

Leadership is a five-year commitment, during which an individual starts as Secretary-Treasurer and advances annually through the ranks to President (and then Immediate-Past President). Each year, the Society’s Nominating Committee selects two candidates from solicited nominations and then the membership votes for who should become the next Secretary-Treasurer. The election results are announced at the ATS International Conference each May.

**Why should I get involved in the ATS?**
As an ATS member, you can have a direct impact on pulmonary, critical care and sleep medicine both nationally and internationally. Active members help the Society to develop statements and guidelines, create new educational programs, prioritize content for existing activities and guide the political voice of the ATS.

Belonging to the ATS will also give you access to an outstanding networking system, which is valuable for research collaborations, clinical consultations, mentoring and employment opportunities. The ATS needs the active input of its members to excel and improve.

ATS leaders are actively soliciting the voice of junior members, so the best time to get involved is now!

**What are the Assemblies?**
As noted early in the Road Map, the 13 ATS assemblies and three sections are at the heart of the Society’s mission. Through these groups, ATS members review, analyze and disseminate the latest basic science, translational and clinical information. Their collaborative way of working brings expertise from many different institutions, not to mention countries, to bear on scientific problems and clinical issues. This “meeting of the minds” often results in a dialogue that advances biomedical sciences, improves patient care and reduces the prevalence of disease. This is why getting involved in the assembly of your choice is the most direct way to become more active in the ATS. To learn more about assemblies visit thoracic.org/assemblies/index.php.
What is an ATS Committee?
Committees are appointed groups that shape and carry out the ATS’s many initiatives. The Society’s president-elect appoints new committee members in the months preceding each International Conference. If you have an interest or special skill that you feel would benefit the work of a particular ATS committee, please let us know by sending an e-mail to fellows@thoracic.org. We will forward your message to the President-Elect. Please be aware, however, that positions are limited to a certain number to ensure that committees operate efficiently and cost effectively.

What is the Public Advisory Roundtable (PAR)?
In February 2001, former ATS president William J. Martin, II, MD, founded ATS PAR, the arm of the ATS that incorporates patient and family perspectives into the Society’s activities. Today, ATS PAR comprises 15 member organizations who represent patients affected by respiratory diseases, critical illnesses and sleep-related conditions. The group collaborates with the ATS to advance their shared educational, research, patient care and advocacy missions. Visit patients.thoracic.org/ for more information.

How can I be more involved during the International Conference?
International Conference programming, for the most part, is driven by ATS assemblies. Each assembly is allotted a specific number of slots for each type of session and its Program Committee ranks various submissions. A direct way to be a part of the conference is to submit your own symposium suggestion to the appropriate assembly during the “Call for Input” period, which takes place immediately after the conference. To increase the chances of acceptance, ask the assembly program committee chair and/or its members for advice. Remember, you shouldn’t be discouraged by rejection. Assemblies often receive many submissions for only a few symposia slots. Get feedback and try again. Persistence pays off!

Where can I go for more information?
The best place to get more information is at the ATS website thoracic.org. As with all other aspects of the organization, the Website is also member-driven, so if you can’t find what you want there, please help us create it! If you are interested in getting involved, send an email to fellows@thoracic.org or contact:

ATS Fellows Staff Members:

Elizabeth Guzman
Assistant Manager, Education Projects and Junior Professionals
Phone: 212-315-8627
Email: eguzman@thoracic.org

Lauren Lynch
Director, Education Products and Programs
Phone: 212-315-8698
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Tell us what you think!

Please provide your feedback about the 2013 Road Map by taking a brief survey at thoracic.org/go/fellows-roadmap-survey.
American Board of Internal Medicine (ABIM) Maintenance of Certification (MOC) Points

The ATS is offering Core Curriculum in Pulmonary, Critical Care and Sleep Medicine and we are preparing corresponding modules that will be submitted to the ABIM for consideration for Maintenance of Certification (MOC) Part II points. If approved, each module will be worth 10 MOC Part II points. Attendees with full conference registration can take all 3 modules for a total of 30 MOC Part II points at the Conference. Currently, the ABIM requires recertifying physicians to earn 100 MOC points within ten years.

How to earn ABIM MOC Points:
- Enroll in the ABIM’s MOC program. You can enroll at http://www.abim.org.
- Take a 30 question pre-test.
- Attend Core sessions.
- Achieve a passing score on a 30 question post-test. Your score will be reported to the ABIM.
- The ABIM pre- and post-test modules are available to attendees with full conference registration.

American Board of Pediatrics (ABP) Maintenance of Certification (MOC) Credit

Postgraduate Courses

The ATS is preparing 2 self assessment modules associated with two postgraduate courses:
- PG 7: Pediatric Respiratory Physiology: What’s Right And When It Goes Wrong
- PG 17: The Cellular Foundation Of Pediatric Respiratory Disease

These modules will be submitted to the ABP for consideration for MOC Part II credit.

How to earn ABP MOC Points for Self Assessment Modules:
- Register for the PG courses.
- Take a 25 question pre-test.
- Attend PG course sessions.
- Achieve a passing score on a 25 question post-test. Your passing information will be reported to the ABP.
- The Pediatric Core module is available to attendees with full conference registration.

Pediatric Core Curriculum

The ATS is offering Core Curriculum in Pediatrics and we are preparing corresponding self-assessment modules that will be submitted to the ABP for consideration for Maintenance of Certification (MOC) Part II credit. The Pediatric module is available to attendees with full conference registration.

How to earn ABP MOC Credit for the Pediatric Core:
- Attend Pediatric Core sessions.
- Achieve a passing score on a 25 question post-test. Your passing information will be reported to the ABP.
- The Pediatric Core module is available to attendees with full conference registration.

To access the 2013 MOC modules, please visit: www.thoracic.org.
For more information please contact Jennifer Siegel-Gasiewski at 212-315-8644
DID YOU KNOW

that the ATS has a website designed to help residents, fellows, and junior professionals on their path to successful careers in pulmonary, critical care, and sleep medicine.

To learn more about Career Development for Fellows and Junior Professionals please visit us at thoracic.org/education/career-development/index.php

Please direct any questions to:
Elizabeth Guzman, Assistant Manager, Education Projects and Junior Professionals
Tel: 212-315-8627 Fax: 212-315-8651 Email: eguzman@thoracic.org

First Time Trainee Members Join for Free!

First time domestic and international trainee members are eligible to join the ATS for free for one year. After this first year, Trainee membership continues at a low cost with more of the benefits and value of full membership until your formal training ends.

This special membership program welcomes trainees into pulmonary, critical care and sleep medicine within the ATS community. The ATS recognizes that trainees are the professionals who will achieve the next major advancements in the science and treatment of pulmonary disease, critical illnesses and sleep-related breathing disorders.

To take advantage of this opportunity, please visit thoracic.org/membership/join-the-ats.php or call 212-315-8684.
The ATS Would Like
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For more information about the Corporate Membership Program, please visit