

2012 ATS ROAD MAP

for Fellows and Junior Professionals



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Dear Colleague:

Welcome to ATS 2012 • SAN FRANCISCO, 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 San Francisco. 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 Fellows & Junior Professionals*.

The *Road Map* highlights activities that we, the MITT Committee, think are of particular interest to fellows 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.

The *Road Map* highlights the Assembly business meetings, as we believe that the Assemblies are the best way to get involved in the ATS. The *Road Map* also includes information about the many events taking place at the *Center for Fellows and Junior Professionals*, where more senior clinicians and researchers will offer advice on transitioning to a career in academics or private practice or industry, negotiating a contract, finding a mentor and other "survival skills" topics that we thought would add to your experience. We've also compiled a comprehensive listing of funding sources in our *Grant Resource Guide*, which is available at the Center and on the ATS Web site.

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 healthcare 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.

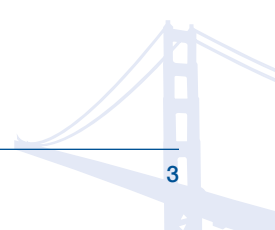
Once more, welcome to ATS 2012 • San Francisco! We hope you have an exciting and informative experience.

Sincerely,



Renee D. Stapleton, MD PhD
Chair, MITT Committee

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Center for Fellows and Junior Professionals



SUNDAY, MAY 20 – TUESDAY, MAY 22 7:00AM – 4:30PM
ROOM 130, NORTH BUILDING (LOWER LEVEL)
MOSCONE CENTER

The Center for Fellows and Junior Professionals (CFJP) is a networking and career development forum for residents, fellows, and junior professionals. Each day there will be career expert events and workshops, which will address issues faced by clinical and postdoctoral fellows and/or junior professionals. The ATS Members In Transition and Training (MITT) Committee organizes the CFJP.

CENTER FOR FELLOWS AND JUNIOR PROFESSIONALS SCHEDULE

INDUSTRY/PRIVATE PRACTICE DAY

Sunday, May 20, 2012

Fellows Track Symposium Meet-the-Faculty

7:00am – 8:00am

Drs. Freedman, MacIntyre, Patel, Girard

Career Expert: Industry Careers

11:30am – 12:15pm

Noreen Roth Henig, MD;

Gilead Sciences

Kathy Rickard, MD, Aerocrine –

Pharma and Device

Alex Derchak, PhD,

Medical Affairs

David Muccino, MD,

Medical Affairs,

Bayer HealthCare

Career Expert: Private Practice Careers

12:15pm – 1:00pm

David Hotchkin, MD;

The Oregon Clinic

Saurin Patel, MD;

OSF Medical Group

CFJP Workshop: Negotiating a private practice contract

3:30pm – 4:30pm

Michael Green, MD, MBA;

Charlotte Medical Clinic

ACADEMIC DAY

Monday, May 21

Fellows Track Symposium

Meet-the-Faculty

7:00am – 8:00am

Drs. Kory, Shafazand, Shure

CFJP Workshop: How to get your first academic job: lessons learned

10:30am – 11:30am

Lee Quinton, PhD; Boston

University

Doug White, MD; University of

Pittsburgh

Garth Garrison, MD; University

of Michigan

Career Expert: Clinician

Educator Careers

11:30am – 12:15pm

Patricia A. Kritek, MD EdM;

Univ. of Wash.

Marc Judson, MD; Albany

Medical Center

Career Expert: Investigator

Pathway Careers

12:15pm – 1:00pm

Tom Mariani, PhD; University

at Rochester

Lorraine Ware, MD; Vanderbilt

University

Chris Cox, MD; Duke University

SURVIVAL SKILLS FOR THE JUNIOR PROFESSIONAL

Tuesday, May 22:

Fellows Track Symposium

Meet-the-Faculty

7:00am – 8:00am

Drs. Jett, Bleck, Welsh

CFJP Workshop: Choosing the right mentor

11:30am – 12:15pm

Marc Moss, MD; University of

Colorado

Brendan Clark, MD; University

of Colorado

Madison Macht, MD University

of Colorado

CFJP Workshop: Publishing your manuscripts

12:15pm – 1:00pm

Michael Matthey, MD; University

of California, San Francisco

CFJP Workshop:

Grantsmanship

3:30pm – 4:30pm

Bill Altemeier, MD; University of

Washington

Anne Dixon, MD; University of

Vermont

Michael R. Blackburn, PhD;

The University of Texas Medical

School at Houston

COMPLIMENTARY COFFEE AND BREAKFAST EVERY DAY AT 7:00 AM!
STOP BY AT 3:30 PM FOR COCKTAILS AND APPETIZERS!

ATS•2012 **MAY**
San Francisco **18-23**

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**CAREER DEVELOPMENT SYMPOSIUM:
 THE EVOLUTION OF ACADEMIC MEDICINE**

** Road Map Highlighted Scientific Symposium!*

(B91) Career Development Symposium:

Room 3001-3003 (West Building, Level 3)

The Evolution of Academic Medicine

**Monday,
 May 21, 2012
 2:00PM - 4:30PM**

PROGRAM

If you are in the early stages of your professional career, then you should attend the new symposium entitled “The Evolution of Academic Medicine.” Audience members will leave the symposium with practical tools that will enhance the likelihood of achieving academic success. The event will be facilitated by Dee W. Ford, MD, from the Department of Medicine at The Medical University of South Carolina; and Richard A. Johnston, PhD, from the Department of Pediatrics at The University of Texas Medical School at Houston.

2:00PM Richard A. Johnston, PhD
University of Texas Medical School at Houston
 Introduction

2:05PM Sushma K. Cribbs, MD
Emory University
 Lessons Learned Part One: Transition from Fellow to Assistant Professor

2:30PM Benjamin T. Suratt, MD
University of Vermont
 Transition from Assistant to Associate Professor

2:55PM Gordon D. Rubinfeld, MD
*Sunnybrook Health Sciences Center/
 University of Toronto*
 Global Academics

3:20PM Steven D. Shapiro, MD
University of Pittsburgh
 The Changing Face of Clinical Academics

3:45PM Elizabeth O. Harrington, PhD
*Brown University/Providence VA
 Medical Center*
 The Future of Research and Academics

4:10PM Dee W. Ford, MD
Medical University of South Carolina
 Panel Discussion

This symposium aims to equip audience members with practical tools that will enhance the likelihood of achieving academic success by providing fundamental lessons-learned and advice from successful academicians.

Critical areas of discussion will include:

- integrate lessons learned from successful early career academicians into their own career trajectories
- acquire knowledge on how to conduct a SWOT analysis for their individual professional development
- understand how U.S. healthcare reform will impact academic medicine
- understand how limited funding opportunities in these economic times impact current and future academic researchers and how challenges to research support may affect their current and future academic careers

Career Development Symposium:
 The Evolution of Academic Medicine was developed by the Members In Transition and Training 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 event to: Elizabeth Guzman, Coordinator, Education Projects and COI Management

**Tel: 212.315.8627 Fax: 212.315.8651
 Email: eguzman@thoracic.org**



ATS FELLOWS KIT



An online compendium of free ATS resources for pulmonary, critical care, and sleep fellows.

The ATS is offering access to the **Virtual Fellowship Kit** to those pulmonary, critical care, and sleep fellows, who have recently begun the first year of their training. This kit is an online compendium of resources and information that may help during the fellowship years.

The **Virtual Fellowship Kit** includes:

- Free Webcasts from the 2011 International Conference in Denver, Colorado
- Upcoming fellow events at the 2012 International Conference in San Francisco
- The ATS Grant Resource Guide
- Special fellow opportunities about publishing in the American Journal of Respiratory and Critical Care Medicine (AJRCCM)
- Links to the ATS Mentoring Corner Web site

To access this site, please send an email to fellowskit@thoracic.org. ATS staff will provide you with a special username and password to access the site.

Please note that access to this site will expire on June 15, 2012.

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

<http://www.thoracic.org/education/career-development/index.php>



Please direct any questions to:

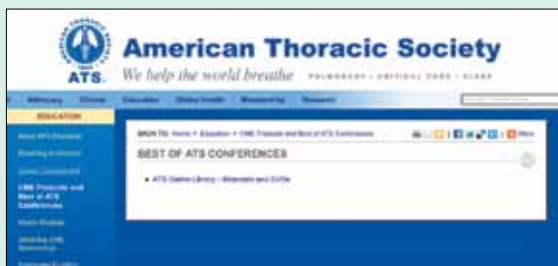
Elizabeth Guzman, Coordinator, Education Projects and COI Management

Tel: 212-315-8627 Fax: 212-315-8651 Email: eguzman@thoracic.org

BEST OF ATS CONFERENCE

As an attendee of the ATS 2012 International Conference, you are entitled to one-year's free access to the **"Best of ATS" educational products.**

The (non-fee) sessions listed in the Road Map for Fellows and Junior Professionals are available for download in various



formats. Please search for the Road Map and Fellows and Junior Professionals packet on the "Best of ATS" Web site at <https://cms.psav.com/library/ats>.

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: www.thoracic.org/membership/join-the-ats.php or call **212-315-8684**.

YEAR IN REVIEW

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 review the selected articles. The four clinical sessions are listed below, as well as the nursing and pediatric year in review sessions.

SUNDAY, MAY 20

(A1) Year in Review 1

Time: 8:15 a.m. - 10:15 a.m.

Room 102-103-104 (South Building, Lower Level)

A review of interstitial lung disease, pulmonary vascular disease, venous thromboembolism, asthma and thoracic imaging.

MONDAY, MAY 21

(B1) Year in Review 2

Time: 8:15 a.m. - 10:15 a.m.

Room 102-103-104 (South Building, Lower Level)

A review of bronchiectasis, mycobacterial infections of the lung, sleep-disordered breathing and lung transplantation.

(B81) Pediatric Year in Review

Room 3000-3002-3004 (West Building, Level 3)

Time: 2:00 p.m. – 4:30 p.m.

A review of pediatric pulmonology, which includes the topics: severe asthma, lung function testing, hypoventilation management and lower respiratory viral infections.

TUESDAY, MAY 22

(C1) Year in Review 3

Time: 8:15 a.m. - 10:15 a.m.

Room 102-103-104 (South Building, Lower Level)

A succinct review of pulmonary rehabilitation, the respiratory effects of smoking, the genetics of lung disease, and COPD.

(C81) Nursing Year in Review

Time: 2:00 p.m. - 4:30 p.m.

Room 3001-3003 (West Building, Level 3)

Discussion of the most recent research and advances in nursing in areas of smoking cessation, lung transplantation, and ILD.

WEDNESDAY, MAY 23

(D1) Year in Review 4

Time: 8:15 a.m. - 10:15 a.m.

Room 102-103-104 (South Building, Lower Level)

A review of critical illness, mechanical ventilation, lung cancer, and end-of-life care for critically ill patients.

FELLOWS ROAD MAP CONFERENCE SESSION PAGES**SATURDAY, MAY 19, 2012****Afternoon****(G1) Opening Ceremony**

Time: 4:30 p.m. - 5:30 p.m.

G1: Room 102-103-104 (South Building, Lower Level)

John Luce, MD, emeritus professor of clinical medicine and anesthesia at the University of California, San Francisco, and a specialist in pulmonary diseases and critical care medicine, will deliver the opening address at ATS 2012. Dr. Luce has cared for AIDS patients at San Francisco General Hospital (SFGH) since the earliest days of the epidemic. His address will focus on the evolution of the epidemic and the hospital's response to it, as well as the pulmonary and critical care aspects of treatment.

**(S1) Fellow and Junior Professional Exchange**

Time: 5:30 p.m. - 6:30 p.m.

Lobby (South Building, Esplanade Level)

The Fellow and Junior Professional Exchange is an annual networking event for fellows, residents, and junior professionals 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 healthcare and research funding government agencies, as well as other prominent leaders and decision makers. The event includes cocktails and hor' devours.

SUNDAY, MAY 20, 2012**Morning****(A3) Fellows Case Conference**

Time: 8:15 a.m. - 10:45 a.m.

Room 135 (North Building, Lower Level)

Unique cases presented by fellows to a panel of pulmonary medicine, radiology and pathology experts.

(A4) What Do You Know? Clinical Challenges at the Edge of the Evidence

Time: 8:15 a.m. - 10:45 a.m.

Room 303-305-307 (South Building, Esplanade Level)

Master clinicians examine five common clinical scenarios in which a patient is failing despite the best evidence-based practice.

(A12) JAMA/NEJM Session

Time: 8:15 a.m. - 10:45 a.m.

Room 3000-3002-3004 (West Building, Level 3)

Presenters from two prestigious journals share their insights and expertise. Attendees will have the opportunity to hear presentations directly from the authors who will also be addressing questions.

Lunch

(L1) National Institute of Nursing Research: Funding Opportunities and Priorities

Time: Noon - 1:00 p.m.

Room 3005-3007 (West Building, Level 3)

This session will discuss funding opportunities available and identify priority areas of research for pulmonary and critical care science through the NINR.

(WS2) Mycobacterial and Fungal Diagnostics *(Please note workshops are \$75)*

Time: 11:30 a.m. - 1:00 p.m.

Room 302 (South Building, Esplanade Level)

Experienced investigators and clinicians provide updates on mycobacterial and fungal diagnostic tests in a practical case-based format.



(S2) Diversity Forum

Time: 11:30 a.m. - 1:00 p.m.

Yerba Buena Ballroom 7 (Lower B2 Level), Marriott Marquis

The focus of the Diversity Forum is on the diversity prevalence among healthcare professionals today. This year we are pleased to present a panel discussion on career challenges and opportunities. During the forum the recipients of the 2012 Minority Trainee Travel Award (MTTA) will also be recognized. The Diversity Forum will be hosted by Yolanda Mageto, MD, MPH.

Afternoon

(A81) Scientific Breakthroughs Symposium: Biomarkers for Lung Disease: the Cutting Edge

Time: 2:00 p.m. - 4:30 p.m.

Room 3006-3008 (West Building, Level 3)

This session will allow the ATS members to learn about new tools to identify biomarkers and genetic susceptibility factors for pulmonary diseases. Recent discoveries in these areas will be presented.

(A83) Great Cases: Clinical, Radiologic and Pathological by Master Physicians

Time: 2:00 p.m. - 4:30 p.m.

Room 135 (North Building, Lower Level)

Master clinicians tackle “unknowns” followed by discussion, review of radiographs and pathology.

(A87) Arrhythmogenesis and Cardiac Disease in Sleep-Disordered Breathing: Mechanisms and Clinical Implications

Time: 2:00 p.m. - 4:30 p.m.

Room 2009-2011 (West Building, Level 2)

Investigators present new insights into the relationship between sleep-disordered breathing and cardiac risk, particularly arrhythmias.



Amberson Lecture / Trudeau Medical Presentation / Awards Session

Time: 4:45 p.m. - 6:30pm

Room: 102, 103, 104, South Building, Lower Level

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 into the organization for trainees and junior faculty. 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 during membership renewal or at any time by sending an e-mail to membership@thoracic.org.

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 the ATS Web site and read our Assemblies Brochure at www.thoracic.org/assemblies/index.php

Sunday Assembly Membership Meetings

6:30 p.m. - 8:30 p.m.

The ATS Assembly Business Meetings are opened to all ATS members and other interested individuals. Items to be discussed include current and future projects.

Behavioral Science (BSA)

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: Lynn B. Gerald, PhD, MSPH

Incoming Chair: Jerry K. Krishnan, MD, PhD

Web site: www.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

Web site: www.thoracic.org/sections/about-ts/assemblies/peds/index.html

MONDAY, MAY 21, 2012

Morning

(B6) Controversies in the Treatment of Childhood Asthma: A Pro-Con Debate

Time: 8:15 a.m. - 10:45 a.m.

Room 304-306 (South Building, Esplanade Level)

Explores the pros and cons of three controversial areas of debate in the treatment of childhood asthma: acetaminophen, inhaled corticosteroids, and spirometry.

(B7) Controversies in the Diagnosis and Management of Obstructive Sleep Apnea: Cutting-Edge Debates

Time: 8:15 a.m. - 10:45 a.m.

Room 3006-3008 (West Building, Level 3)

A discussion of controversies surrounding home sleep studies, cardiac disease related to OSA, oral appliances, and adherence tracking systems.

Lunch



(S3) Women's Forum

Time: 11:30 a.m. - 1:00 p.m.

Yerba Buena Ballroom 7 (Lower B2 Level) Marriott Marquis

The annual Women's Forum provides a venue to recognize the advancement of women in the fields of pulmonary, critical care, and sleep medicine. This year, we are pleased to present a panel discussion on life-work balance for female medical professionals. The forum will also feature the presentation of the 2012 Elizabeth A. Rich, MD award to Pamela Zeitlin, MD, PhD, of Johns Hopkins University. The forum will be hosted by Anne Dixon, MD.

(L15) Update on NHLBI ARDS Network: Ancillary Studies

Time: Noon - 1:00 p.m.

Room 3001-3003 (West Building, Level 3)

Discuss new findings about the design, content, and results of multi-center clinical trials in ALI; new strategies for treatment for ALI.

(WS3) Career Development Workshop: Grantsmanship skills for basic science and translational researchers: What happens during grant review? *(Please note workshops are \$75)*

Time: 11:30 a.m. - 1:00 p.m.

Room 301 (South Building, Esplanade Level)

In an environment of limited research funding, grant applications must be innovative, significant and have an appealing approach. Six experienced grant reviewers from around the world will simulate a grant review panel to illustrate to trainees/junior faculty expectations from grant-writers.

Afternoon**(B9I) Career Development Symposium: The Evolution of Academic Medicine**

Time: 2:00 p.m. - 4:30 p.m.

Room 3001-3003 (West Building, Level 3)

Provides practical tools for fellows and junior professionals to enhance the likelihood of achieving academic success. This symposium will include fundamental lessons-learned and advice from successful academicians about the transition between fellowship/post-doctoral training into assistant/associate professor positions. International perspectives and implications of healthcare reform on this transition will be discussed. This session was developed by the Members in Transition and Training Committee.

Please refer to page 5 for more information about this symposium.

**(G3) Recognition Awards for Scientific Accomplishment**

Time: 1:30 p.m. - 3:30 p.m.

Room 308-310 (South Building, Esplanade Level)

At this 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.

Monday Assembly Membership Meetings

Time: 5:00 p.m. - 7:00 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.

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

Web site: www.thoracic.org/sections/about-ats/assemblies/aai/index.html

Clinical Problems (CP)

This assembly is concerned with clinical problems in diagnosis, therapy, and healthcare; improvement of training of physicians and other allied health professionals; and development of innovative methods for healthcare delivery.

Chair: Kevin K. Brown, MD

Incoming Chair: Charlie Strange, MD

Web site: www.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 healthcare of patients and provide continued education to physicians and other allied health professionals.

Chair: Gordon Rubenfeld, MD

Web site: www.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

Web site: www.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 micro-organisms 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

Web site: www.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: Lisa Cicutto, PhD, RN

Incoming Chair: Lynn F. Reinke, PhD

Web site: www.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

Web site: www.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 healthcare environment. Members promote education for the public and other healthcare 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

Web site: www.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: Lynn M. Schnapp, MD

Incoming Chair: Jesse Roman Rodriguez, MD

Web site: www.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: Andrew J. Halayko, PhD

Incoming Chair: Robert H. Brown, MD

Web site: www.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

Web site: www.thoracic.org/sections/about-ats/assemblies/srn/index.html

TUESDAY, MAY 22, 2012

Morning

(C3) Newly Recognized And Emerging Lung Diseases

Time: 8:15 a.m. - 10:45 a.m.

Room 135 (North Building, Lower Level)

This session will present current knowledge of the pathogenesis, clinical/radiographic/pathological features and natural history of selected lung parenchymal and distal airway diseases that were not widely recognized 10 to 15 years ago.

(C10) Implementing Lung Cancer Screening: Moving From RCTS to the Real World

Time: 8:15 a.m. - 10:45 a.m.

Room 132-133 (North Building, Lower Level)

This session will address key issues such as: results of clinical trials, cost-effectiveness of screening, communicating risks and benefits of screening, managing pulmonary nodules, overcoming barriers, and incorporating new technologies in management of patients.



(G4) ATS President's Lecture / Membership Meeting

Time: 11:30 a.m. - 1:00 p.m.

Room 102-103-104 (South Building, Lower Level)

The membership meeting focuses on the current state of the Society and the incoming President's plan for the future.

Afternoon

(C84) Using Genomics to Understand and Treat Acute Lung Injury

Time: 2:00 p.m. - 4:30 p.m.

Room 303-305-307 (South Building, Esplanade Level)

This session will review state of the art genomic ALI investigations at both the clinical and translational level, and will provide insight as to where genomic medicine may allow for personalized ALI therapy in the future.

(C90) Pro-Con Debate: Comparative Effectiveness Research: Fool's Gold or Promise Land?

Time: 2:00 p.m. - 4:30 p.m.

Room 2016-2018 (West Building, Level 2)

The Pro-Con debate will feature experts who will review and debate various aspects of Comparative Effectiveness Research (CER), including the newly established Patient Centered Research Institute (PCORI), the validity of study designs used in CER, the role of CER for rare diseases, cost-effectiveness as an outcome in CER, and the role of health-related behaviors in distinguishing efficacy and effectiveness research.

WEDNESDAY, MAY 23, 2012

Morning

(D3) The Solitary Pulmonary Nodule in 2012: The State of the Art in the Evolution of the Pulmonary Nodule

Time: 8:15 a.m. - 10:45 a.m.

Room 135 (North Building, Lower Level)

Pulmonary oncologic and surgical experts review contemporary diagnostic and management strategies for a patient with a solitary pulmonary nodule.

(D4) Intensive Care of the Future

Time: 8:15 a.m. - 10:45 a.m.

Room 303-305-307 (South Building, Esplanade Level)

Anticipated changes in the practice of critical care medicine will be discussed, including how new technology, new medications, and shifting staffing patterns and personnel needs will influence the evolution of ICU medicine.

(D12) The Changing World of Drug Discovery and Development

Time: 8:15 a.m. - 10:45 a.m.

Room 132-133 (North Building, Lower Level)

Academic and logistical issues of conceptualizing a novel drug, developing a product, and assessing efficacy and safety in increasingly complex clinical trial will be reviewed.

Lunch

(L25) Sleep Heart Health Study: Key Discoveries and Scientific Opportunities

Time: Noon - 1:00 p.m.

Room 2005-2007 (West Building, Level 2)

Sleep Heart Health Study (SHHS) researchers will present novel discoveries from the 18-year longitudinal cohort study, demonstrating CVD risk and events (i.e., hypertension, stroke and diabetes) associated with sleep-disordered breathing (SDB).

(WS8) Clinical Impact of Point of Care Ultrasonography in Critically Ill Patients *(Please note workshops are \$75)*

Time: 11:30 a.m. - 1:00 p.m.

Room 302 (South Building, Esplanade Level)

In this case-based session, the fundamentals of critical care ultrasonography (US) are demonstrated, with an emphasis on diagnostic and therapeutic utility of real-time US.

Afternoon

(D83) Pneumonia and Pleural Infection: Advances and Controversies

Time: 2:00 p.m. - 4:30 p.m.

Room 135 (North Building, Lower Level)

Leading researchers on pleural diseases discuss pathophysiologic mechanisms of parapneumonic effusions, diagnostic strategies, contemporary treatment, and recent research advances.

(D84) What are the Boundaries of Acceptable Medical Practice Near the End-of-Life in the ICUs?

Time: 2:00 p.m. - 4:30 p.m.

Room 303-305-307 (South Building, Esplanade Level)

With increasing societal focus on healthcare costs, re-analysis of expensive end-of-life care of critically ill patients is inevitable. In this session, legal and social perspectives on futility and end-of-life care are discussed.

(D86) Impact of Exercise on Cardiopulmonary Status: Implications for Pulmonary Hypertension

Time: 2:00 p.m. - 4:30 p.m.

Room 3000-3002-3004 (West Building, Level 3)

The physiologic cardiopulmonary effects of exercise in normal patients will be contrasted with patients with pulmonary hypertension (PH), and current perspectives on exercise in diagnosing and treating PH will be reviewed.

ATS 101

When the members of the MITT Committee first met, we realized there was a lot about the ATS that we didn't know. We were lucky to have a former president and very knowledgeable staff members to walk us through the structure of the organization. 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 the ATS Web site at <http://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.

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 Web site at www.thoracic.org. As with all other aspects of the organization, the Web site 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 e-mail to fellows@thoracic.org or call (212) 315-8600, where you will be directed to the most appropriate ATS staff person to address your need.

TELL US WHAT YOU THINK!



Please provide your feedback about the 2012 Road Map by taking a brief survey at www.thoracic.org/go/fellows-roadmap-survey.

Please direct any questions to Elizabeth Guzman, coordinator of ATS education projects and COI management, at 212.315.8627 or eguzman@thoracic.org



Fellows Track Symposium

The ATS Fellows Track Symposium (FTS) at the 2012 International Conference in San Francisco 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 two breakout sessions and one ultrasonography dinner symposium.

The FTS is held on Friday, May 18 and Saturday, May 19 at the San Francisco Marriott Marquis. The ATS gratefully acknowledges the FTS underwriting supporter Genentech for providing the Fellows Travel Scholarships. Additional educational support has been provided by Gilead Sciences, Inc and Actelion Pharmaceuticals US, Inc. In Kind Support has been provided by SonoSite, Inc. *Represents confirmed grant support at time of printing.

For more information, send an email to fellows@thoracic.org.

2012 FTS PROGRAM

Deborah Shure, MD, Course Chair

Carolyn Welsh, MD, Course Co-Chair

Neil MacIntyre, MD, Course Co-Chair

Barbara Phillips, MD, MPH, Course Co-Chair

TOPICS

Mechanical Ventilation and Lung Protection

Managing Agitation and Delirium in the ICU

Life Threatening Infections with Resistant Organisms

Neurologic Emergencies in the ICU

The Future of Sleep Medicine

Critical Thinking about Clinical Trials

Lung Cancer

Pediatric Sleep

Sleep in Women

OSA and Driving Safety

Overview of Critical Care Ultrasonography

CPAP: The Nitty Gritty

Non Pulmonary Sleep Disorders

Normal Sleep Structure and Function

Man aging the Chronically Ill: Best Practices and Venues of Care

Pulmonary Hypertension

Transplant: Rejection and Bronchiolitis Obliterans Syndrome

Cystic Fibrosis

Tuberculosis

Workplace Asthma

Pulmonary Function Testing: Cases and Controversies