

## **Environmental and Occupational Health Assembly Newsletter**

# We help the world breathe Edited by Kent E. Pinkerton, PhD Assembly Chair

SPRING 2009

## Message From the Assembly Chairperson Kent E. Pinkerton, PhD

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Welcome to the Spring Newsletter for the Environmental and Occupational Health Assembly of the American Thoracic Society. I look forward to seeing you all at the 2009 ATS International Conference in San Diego, CA May 15-20. We are a vibrant and growing assembly with 469 primary members and 749 secondary members. As an Assembly, we are leaders in addressing timely and highly relevant issues that cross many Assembly themes and are important to the American Thoracic Society. From 400 abstracts received under the purview of our Assembly, this year's meeting will cover a rich breath of topics found in our thematic, poster-discussion and minisymposium sessions. On behalf of the Assembly, I wish to express our appreciation and thanks to Dr. Paul Henneberger and Dr. Fernando Holguin and their Program Committee of 34 members for the many long hours they have devoted to organize this vear's conference. Please check out EOH-sponsored sessions you can attend listed in this newsletter.

Our Assembly in Environmental and Occupational Health continues to lead the way in the publication of new ATS documents and official ATS proceedings. New projects now underway are highlighted by our Planning Committee directed by Dr. Stephanie London along with an enthusiastic group of committee members. The EOH Website Committee is headed by Dr. Kanta Devi Sircar and Dr. Philip Harber, who with the assístance of their committee, continue to increase the scope and numbers of clinical case studies on our website. Thanks also to the EOH International Committee headed by Dr. William Beckett and the Section on Terrorism and Inhalational Disasters, directed by Dr. Lewis Rubinson who continue to make an impact both in and out the American Thoracic Society with exciting programs and timely topics. Please consider also attending the TID business meeting at this year's conference. Thanks also to the Nominating Committee and Dr. Marc Eisner for their efforts this year. Please review the nominations for offices we will vote on at this year's business meeting.

The EOH Assembly Membership Meeting will be Monday, May 18th, 2009 from 4:30 p.m. - 6:30 p.m. at the Manchester Grand Hyatt Hotel in San Diego. Please plan to attend and take the opportunity to meet others with similar interests, to participate and learn about the latest Assembly activities and projects and to help build the future direction through expressing your ideas in our open forum and election process at the meeting.

It has been a true pleasure for me to serve as the Chair of the EOH Assembly these past two years. I look forward to the continued growth of our Assembly under the able leadership of Dr. Mark Eisner as the new chair of EOH. May we continue to carry on the mission of our assembly "to reduce the burden of respiratory illness from environmental and occupational exposures through research, patient care and education".

#### Update from the EOH Program Committee Paul K. Henneberger, ScD, Program Chair, Fernando Holguin, Program Chair-Elect

The EOH Program Committee for the 2009 ATS Conference has worked hard to put together sessions that will appeal to all members of our assembly. From proposals submitted last summer, the committee selected 3 Sunrise Seminars, 3 Meet the Professor Seminars, and 4 Scientific Symposia for the 2009 Conference. In addition, Dr. Monica Kraft, Chair of the entire 2009 ATS International Conference Committee, asked EOH to compose a fifth Scientific Symposium entitled "Health and the Environment in a Globalized World." Abstracts covering a wide range of topics were submitted to the EOH Assembly this past fall, and we grouped them into 5 Minisymposia, 5 Poster Discussion Sessions, and 11 Thematic Poster Sessions. New for this year are sessions with a focus on exposure assessment, including the Minisymposium "Assessing Exposures from Outer Space to the Lung" and the Meet the Professor Seminar "Exposure Assessment for Epidemiologic Studies." Similar to last year, the 2009 EOH abstract-based sessions will have more chairs and facilitators than in past years. We think this strategy worked well at the 2008 conference, enriching the experience for both the presenters and the session leaders, and expect similar positive results at this year's conference.

We want to thank the members of the 2009 EOH Program Committee for the time they devoted to reviewing proposals and abstracts. Also, we want to thank, in advance, all the presenters and session leaders in EOH who will help to make the 2009 ATS International Conference a success.

## ATS 2009 – San Diego Sessions Sponsored by the Assembly on Environmental and Occupational Health

Symposia				
Sunday, May 17, 2009				
A6	NOVEL RISK FACTORS AND THE GLOBAL BURDEN OF NON-SMOKING CHRONIC OBSTRUCTIVE PULMONARY DISEASE	8:15 AM	-	10:45 AM
Mond	ay, May 18, 2009			
B9	FAT AND FLOW: IMPLICATIONS OF DIET AND OBESITY FOR ASTHMA	8:15 AM	-	10:45 AM
Tuesd	<u>ay, May 19, 2009</u>			
C88	ACUTE AND LONG TERM RESPIRATORY CONSEQUENCES OF INHALA- TIONAL INJURY	1:30 PM	-	4:00 PM
Wednesday, May 20, 2009				
D12	HEALTH AND THE ENVIRONMENT IN A GLOBALIZED WORLD	8:15 AM	-	10:45 AM
D87	INDOOR AIR AND ASTHMA: EMERGING RISKS	1:30 PM	-	4:00 PM
Meet	the Professor Seminars			
Sunda	<u>y, May 17, 2009</u>			
MP41	2 LUNG IMPAIRMENT EVALUATION: WHAT'S NEW IN THE AMA GUIDES?	12:00 PM	-	1:00 PM
<u>Monday, May 18, 2009</u>				
MP51	1 EXPOSURE ASSESSMENT FOR EPIDEMIOLOGIC STUDIES	12:00 PM	-	1:00 PM
Tuesd	<u>Tuesday, May 19, 2009</u>			
MP61	2 DIGITAL CHEST IMAGES AND PNEUMOCONIOSIS: THE CURRENT STATE OF THE ART	12:00 PM	-	1:00 PM

## ATS 2009 – San Diego Sessions Sponsored by the Assembly on Environmental and Occupational Health

Sunr	ise Seminar			
Sunday, May 17, 2009				
SS109	REAL-WORLD SPIROMETRY: TECHNIQUE AND EQUIPMENT PITFALLS THAT ELEVATE OR REDUCE RESULTS	7:00 AM	-	8:00 AM
SS110	) ASTHMA DIAGNOSIS IN OCCUPATIONAL DISEASES	7:00 AM	-	8:00 AM
Tuesd	lay, May 19, 2009			
SS210	) HANTAVIRUS: A TALE OF MICE AND MEN: THE UNM EXPERIENCE	7:00 AM	-	8:00 AM
Mini	Symposia			
Sunda	ay, May 17, 2009			
A94	ASTHMA AS A SYSTEMIC DISEASE: THE ROLE OF CO-MORBIDITIES	1:30 PM	-	4:00 PM
A95	MICROBES AND ORGANIC DUSTS AT WORK	1:30 PM	-	4:00 PM
Mond	ay, May 18, 2009			
B94	GENE ENVIRONMENT INTERACTION INVOLVING OXIDATIVE STRESS AND INFLAMMATORY PATHWAYS IN ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1:30 PM	-	4:00 PM
B95	ASSESSING EXPOSURES FROM OUTER SPACE TO THE LUNG	1:30 PM	-	4:00 PM
Wedn	<u>esday, May 20, 2009</u>			
D94	DIESEL EXHAUST AROUND THE WORLD: IMPLICATIONS FOR RESPIRA- TORY AND CARDIOVASCULAR HEALTH	1:30 PM	-	4:00 PM
Poste	r Discussion Sessions			
	r Discussion Sessions ay, May 17, 2009			
		8:15 AM	-	10:45 AM
Sunda A25	a <mark>y, May 17, 2009</mark> EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS	8:15 AM	-	10:45 AM
Sunda A25	a <mark>y, May 17, 2009</mark> EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION			10:45 AM 10:45 AM
Sund: A25 Mond B23	ay, May 17, 2009 EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION ay, May 18, 2009			
Sund: A25 Mond B23	ay, May 17, 2009 EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION ay, May 18, 2009 THE MECHANISMS AND HEALTH EFFECTS OF OZONE	8:15 AM	-	
Sunda A25 Mond B23 Tuesd	ay, May 17, 2009 EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION ay, May 18, 2009 THE MECHANISMS AND HEALTH EFFECTS OF OZONE ay, May 19, 2009 EVALUATING DISEASE CONTROL AND QUALITY OF LIFE IN ASTHMA AND	8:15 AM	-	10:45 AM 10:45 AM
Sunda   A25   Mond   B23   Tuesd   C24   C105	Ay, May 17, 2009 EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION (ay, May 18, 2009) THE MECHANISMS AND HEALTH EFFECTS OF OZONE (ay, May 19, 2009) EVALUATING DISEASE CONTROL AND QUALITY OF LIFE IN ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE	8:15 AM 8:15 AM	-	10:45 AM 10:45 AM
Sunda   A25   Mond   B23   Tuesd   C24   C105	Ay, May 17, 2009 EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION Ay, May 18, 2009 THE MECHANISMS AND HEALTH EFFECTS OF OZONE Ay, May 19, 2009 EVALUATING DISEASE CONTROL AND QUALITY OF LIFE IN ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE NANOMATERIALS: LITTLE PARTICLES, BIG IMPACT	8:15 AM 8:15 AM	-	10:45 AM 10:45 AM
Sunda   A25   Mond   B23   Tuesd   C24   C105   Wedm   D25	Ay, May 17, 2009 EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION (av, May 18, 2009) THE MECHANISMS AND HEALTH EFFECTS OF OZONE (av, May 19, 2009) EVALUATING DISEASE CONTROL AND QUALITY OF LIFE IN ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE NANOMATERIALS: LITTLE PARTICLES, BIG IMPACT (esclay, May 20, 2009) THE ROLE OF DIET, FAT, AND BODY MASS INDEX IN RESPIRATORY DIS-	8:15 AM 8:15 AM 1:30 PM	-	10:45 AM 10:45 AM 4:00 PM
Sunda   A25   Mond   B23   Tuesd   C24   C105   Wedn   D25   Then	Ay, May 17, 2009 EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION (ay, May 18, 2009) THE MECHANISMS AND HEALTH EFFECTS OF OZONE (ay, May 19, 2009) EVALUATING DISEASE CONTROL AND QUALITY OF LIFE IN ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE NANOMATERIALS: LITTLE PARTICLES, BIG IMPACT (esday, May 20, 2009) THE ROLE OF DIET, FAT, AND BODY MASS INDEX IN RESPIRATORY DISEASE	8:15 AM 8:15 AM 1:30 PM	-	10:45 AM 10:45 AM 4:00 PM
Sunda   A25   Mond   B23   Tuesd   C24   C105   Wedn   D25   Then	Av, May 17, 2009 EVIDENCE FROM HUMAN STUDIES ON THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION (ay, May 18, 2009) THE MECHANISMS AND HEALTH EFFECTS OF OZONE (av, May 19, 2009) EVALUATING DISEASE CONTROL AND QUALITY OF LIFE IN ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE NANOMATERIALS: LITTLE PARTICLES, BIG IMPACT (asday, May 20, 2009) THE ROLE OF DIET, FAT, AND BODY MASS INDEX IN RESPIRATORY DISEASE NATIONAL SECONS	8:15 AM 8:15 AM 1:30 PM	-	10:45 AM 10:45 AM 4:00 PM

## ATS 2009 – San Diego Sessions Sponsored by the Assembly on Environmental and Occupational Health

Thematic Poster Sessions					
Sunda	y, May 17, 2009				
A45	GENETIC BASIS FOR ENVIRONMENTAL AND OCCUPATIONAL RESPIRA- TORY DISEASES	8:15 AM -	4:00 PM		
Mond	ay, May 18, 2009				
B45	ANIMAL AND CELL MODELS FOR THE CARDIOVASCULAR EFFECTS OF AIR POLLUTION	8:15 AM -	4:00 PM		
B46	AIR POLLUTION MECHANISMS AND TOXICOLOGY	8:15 AM -	4:00 PM		
B47	SARCOIDOSIS AND BERYLLIUM DISEASE: MECHANISMS AND EPIDEMIOL- OGY	8:15 AM -	4:00 PM		
Tuesd	ay, May 19, 2009				
C57	INDOOR AND OUTDOOR AIR POLLUTION: EXPOSURES AND EPIDEMIOL- OGY	8:15 AM -	4:00 PM		
C58	ASTHMA EPIDEMIOLOGY: ETIOLOGY AND OUTCOMES	8:15 AM -	4:00 PM		
Wednesday, May 20, 2009					
D40	UNDERSTANDING INHALATIONAL DISASTERS	8:15 AM -	4:00 PM		
D41	SMOKING HEALTH EFFECTS	8:15 AM -	4:00 PM		
D42	OUTCOMES FROM OCCUPATIONAL FIBERS AND DUSTS	8:15 AM -	4:00 PM		

#### Update from the EOH Planning Committee Stephanie London, MD, Planning Chair

The Planning Committee for EOH is responsible for encouraging applications for project funding from ATS and then reviewing applications proposals. The committee members for the current year are:

Stephanie London, MD (Planning Committee Chair) Kent E. Pinkerton, PhD (Assembly Chair) Juan C. Celedon, MD Rafael E. De La Hoz, MD, MPH, MSc Mark D. Eisner, MD Terry Gordon, PhD Amund Gulsvik, MD, PhD Philip I. Harber, MD, MPH David N. Weissman, MD Maritta S. Jaakkola, MD Catherine Lemiere, MD Carrie A. Redlich, MD, MPH Debra J. Romberger, MD Isabelle Romieu, MD, DSc, MPH Torben Sigsgaard, MD, PhD Akshay Sood, MD, MPH Susan M. Tarlo, MBBS

The EOH Planning Committee had a productive year. We met for breakfast at the 2008 ATS meeting and had a conference call in the summer. A key function of the Planning Committee's role is to encourage the development of ATS EOH Assembly Statements and Position Papers that typically ensue from ATS-funded assembly projects. EOH members did well in competing for ATS FY 2009 project funds.

(Continued on page 5)

### Update from the EOH Planning Committee Stephanie London, MD, Planning Chair

#### (Continued from page 4)

The following ongoing projects were renewed:

• Diagnosis and Management of Beryllium Sensitization and Chronic Beryllium Disease. Chair: John Balmes, MD (jbalmes@medsfgh.ucsf.edu), FY2009 funding: \$4,416

Project summary: The goal of this project, jointly supported by the ATS, the U.S. Department of Energy (DOE), and the CDC / NIOSH, is to establish consensus among a panel of international experts regarding criteria for the diagnosis, clinical evaluation, management and prevention of beryllium sensitization (BeS) and chronic beryllium disease (CBD). The consensus findings and recommendations will be published as an ATS Policy statement. A working meeting is planned in conjunction with the 2009 ATS Conference.

• Work-Exacerbated Asthma Chair: Paul Henneberger, ScD (pkh0@cdc.gov), FY2009 funding \$3,400 Project summary" The goal of this ATS Project, supported by the ATS and the CDC / NIOSH, is to review and synthesize the literature on work-exacerbated asthma (WEA), identify research and clinical needs, and increase awareness of WEA. An ATS Public Policy Statement addressing these issues is being submitted this year.

• Novel risk factors and the global burden of non-smoking COPD. Chair: Mark Eisner, MD (mark.eisner@ucsf.edu). FY2009 funding \$6,222

#### Project summary:

The goal of this project is to develop an ATS statement that will evaluate the contribution of non-traditional risk factors (other than smoking) to the development of COPD, including environmental tobacco smoke, occupation, biomass fuel combustion, air pollution, and genetic and dietary factors. The draft statement has been completed and submitted to the ATS Documents Editor for peer review.

• Spirometry in the Occupational Setting. Co-Chairs: Susan M. Tarlo, MB, BS (susan.tarlo@utoronto.ca) and Carrie A. Redlich, MD, MPH (carrie.redlich@yale.edu). FY2009 funding: \$7,797

The following NEW projects were funded:

• Updating the 1996 ATS Statement: Respiratory Protection Guidelines. Chair: David Weissman, MD. FY2009 funding: \$16,257.

#### Project summary:

The specific aim of the project is to update the 1996 ATS Statement on Respiratory Protection to one that is accurate, relevant, and contemporary. The first objective is to update portions of the 1996 statement that are now out of date, including terminology and regulations. The second objective is to expand background information about relevant technical issues such as types of respirators, methods available for fit testing, determination of respirator cartridge end of life, respirator reuse and respirator disposal criteria. The third objective is to systematically examine the evidence for several issues of current interest, such as: effectiveness of respirators in preventing specific types of respiratory disease in occupational settings; effectiveness of respirators in specific subgroups of users (e.g., children, pregnant women); effectiveness of respirators when used by the general public; and best methods for fit testing.

• Respiratory Impairment and Disability. Chair: Philip Harber (pharber@mednet.ucla.edu), FY2009 funding: \$14,384

#### Project summary:

In United States, the AMA Guidelines for the Assessment of Permanent Impairment ("The Guides") are widely used

### Update from the EOH Planning Committee Stephanie London, MD, Planning Chair

#### (Continued from page 5)

to assess respiratory impairment among workers. The fundamental conceptual basis has not changed in decades. It still relies upon the concept that the labor market includes a variety of jobs, each of which requires a specific level of sustainable oxygen consumption. The project will systematically examine the conceptual basis for assessing the impairment (loss of function), disability (the impact upon work/life activities), and residual ability. This project is necessary because there have been significant advances in the understanding of respiratory disability since the 1950s when existing guidelines were developed. The outcome from this project will be an ATS statement.

If you are interested in serving on the EOH Planning Committee, developing a new EOH Assembly Project, or revising any of the older ATS EOH Statements please contact Stephanie London (<u>london2@niehs.nih.gov</u>). Assembly Project applications are usually due mid-July.

#### **EOH Nominating Committee**

#### Mark D. Eisner, MD, Nominating Chair

As the Chair of the EOH Nominating Committee, I would like to thank Drs. Maritta Jaakkola and David Mannino for their expertise and service this year. Our committee was charged with selecting candidates for the Nominating Committee and Program Chair Elect. We have recruited a distinguished slate of nominees for these positions and will look forward to the election at the EOH Assembly Meeting in San Diego this spring.

#### Update from the EOH Section of Terrorism and Inhalational Disasters (TID) Lewis Rubinson, MD, PhD, Chair

The Section on Terrorism and Inhalational Disasters (TID) Executive Committee continues to develop programmatic sessions, projects, and communications methods to encourage inter-member collaboration. We encourage you to get involved with the Section during the business meeting at the Annual Conference and throughout the year. We hope you will attend the session entitled, "Acute and Long Term Respiratory Consequences of Inhalational Injury" which is scheduled for May 19<sup>th</sup> from 1:30 to 4:00 PM during the upcoming conference in San Diego. Information on how to be nominated for and elected to the Executive Committee will be forthcoming.

Lewis Rubinson, MD, PhD, the Section chairperson and Christian Sandrock, the Section co-chair are investigating the possibility for austere-resource pulmonary and clinical care experiences for trained Section members. Also, Lewis is working with Asha Devereaux, MD, MPH, an executive committee member, on a project which will address oxygen needs during disasters. This nascent effort involves an informal network of collaborators from ACCP and AARC as well as several non-affiliated disaster experts. We hope to have more details to report about these activities in the upcoming months. In addition, LTC Alexander Niven, MD (MC USA), the TID web director, is spearheading the expansion of the website to meet the communications priorities put forth by the Section members at last year's business meetings. The identified major priority was to establish a forum for posting relevant research opportunities as well as outstanding new manuscripts and policy white papers. We hope to have this as a functional capability before the San Diego conference commences.

Eleanor Summerhill, MD, a member of the executive committee, is leading development of high quality programmatic sessions which will be submitted for consideration for the 2010 conference. Please contact her at <u>elea-</u><u>nor\_summerhill\_md@brown.edu</u> if you have well-developed ideas for a symposium or other type of session. Also, please feel free to reach out to Lewis Rubinson at <u>rubinson@u.washington.edu</u> or Christian Sandrock at <u>cesan-</u><u>drock@ucdavis.edu</u> for any general Section issues.

# Please consider submitting an Assembly/Committee Project Application for funding in FY2010!

This year we will once again use an **Online Application Process** using an electronic grants submission site called proposalCENTRAL. All interested applicants must submit their Assembly/Committee Project Applications online through proposalCENTRAL. To avoid being rushed at deadline time, applicants are encouraged to register and complete a professional profile at proposalCENTRAL as early as possible.

There will be a link to proposalCENTRAL on the ATS homepage at <u>www.thoracic.org</u> along with comprehensive instructions that have been designed to correspond with the fields in the online application. Please consider submitting an online application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your Assembly Planning Committee chair Stephanie London at london2@niehs.nih.gov.

Please contact Miriam Rodriguez with any questions at tel: 212/315-8639 or email: mrodriguez@thoracic.org.

## Patients to Speak at Fifteen Designated ATS International Conference Symposia

The ATS Public Advisory Roundtable (ATS PAR) has selected patients to provide a patient perspective at fifteen symposia at the 2009 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposium for the last seven years as well as at an increasing number of sessions at ATS International Conferences from 2004 to 2008.

This is the sixth year that patient speakers will participate within the Assemblies' Symposia. The patients will make a five-minute presentation to offer insight into their personal journeys. This insight will address diagnosis, treatment, and how the disease has dramatically altered their lifestyle, family, career and relationships. They will share their perspective into what patients would like physicians and researchers to know about physician/patient relationships and the importance and relevance of the work in which investigators and researchers are engaged.

The symposia at which a patient perspective will be presented are listed below:

ASSEMBLY	SESSION CODE	TITLE	DATE/TIME
CP/AII	A3	Controversies In Lung Transplantation: A Pro-Con Debate	Sunday, May 17 8:15 AM-10:45 AM
CP/BS/NRSG/ RCMB	A82	High Impact Disease Modifying Therapies In Ad- vanced COPD: Current Status And Future Directions	Sunday, May 17 1:30 PM-4:00 PM
PC/RCMB	A85	Selective Kinase Or Multikinase Inhibitors In Pulmo- nary Hypertension	Sunday, May 17 1:30 PM-4:00 PM
SRN	A87	Sleep-Disordered Breathing Beyond Obesity: The Role Of Gender, Race, And Genetics	Sunday, May 17 1:30 PM-4:00 PM
EOH/AII	B9	Fat And Flow: Implications Of Diet And Obesity For Asthma	Monday, May 18 8:15 AM-10:45 AM
CP/AII	B82	Clinical Problems In Sarcoidosis	Monday, May 18 1:30 PM-4:00 PM
PC/AII/CP	C5	Scleroderma-Related PAH: A Paradigm For Vascular Remodeling	Tuesday, May 19 8:15 AM-10:45 AM

## Patients to Speak at Fifteen Designated ATS International Conference Symposia

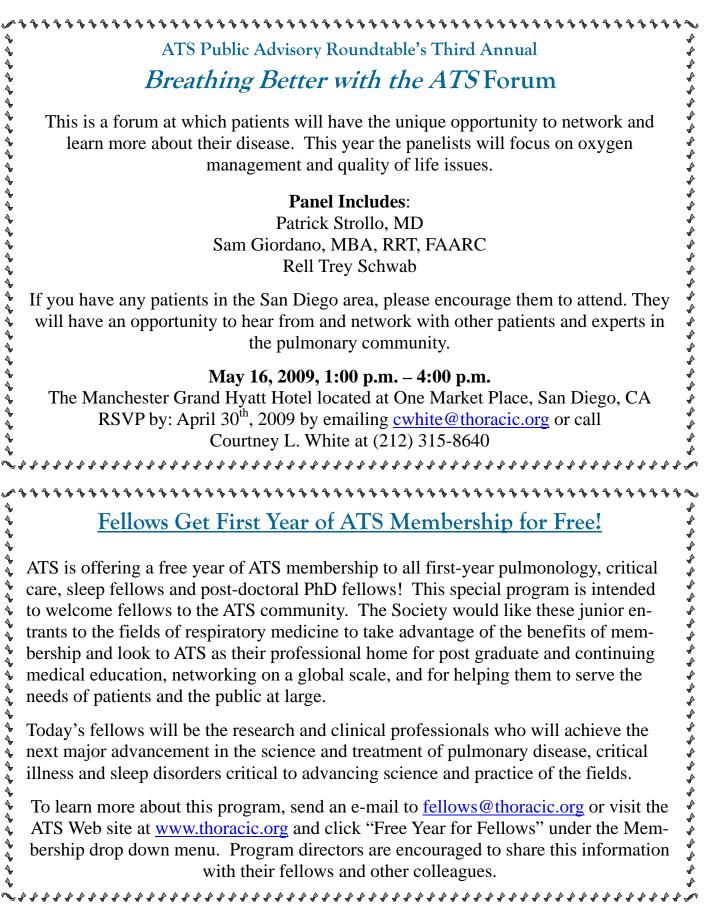
ASSEMBLY	SESSION CODE	TITLE	DATE/TIME
SRN	C8	New Frontiers in the Management of Obstructive Sleep Apnea	Tuesday, May 19 8:15 AM-10:45 AM
RCMB/AII/CP/CC/ PC/RSF	C85	Mechanotransduction In Lung Injury, Repair And Fibrosis: May The Force Be With Us	Tuesday, May 19 1:30 PM-4:00 PM
RSF/CP/CC/ NRSG/PC/RCMB	C86	Causes Of Multi-organ Failure In Critically III Septic Patients	Tuesday, May 19 1:30 PM-4:00 PM
СР	D2	Lung Cancer Clinic: State Of The Art	Wednesday, May 20 8:15 AM-10:45 AM
CC/CP	D4	Therapeutic Frontiers In Acute Lung Injury	Wednesday, May 20 8:15 AM-10:45 AM
BS/CP/NRSG/ PED/PR	D10	Medication Availability And Access: Issues Of Value And Affordability	Wednesday, May 20 8:15 AM-10:45 AM
RCMB/AII/CP	D89	Targeting Tumor Microenvironment Interactions In Lung Cancer	Wednesday, May 20 1:30 PM-4:00 PM

## ATS PAR Symposium

The ATS Public Advisory Roundtable (PAR) is pleased to announce the eighth ATS PAR Symposium to be presented at the ATS International Conference in San Diego on Sunday, May 17, 2009 1:30 p.m. – 4:00 p.m.. The topic of the symposium is "Lung Fibrosis" and it will be jointly chaired by David H. Ingbar, M.D. and Donna J. Appell, RN. The program includes the following:

- New Molecular Targets In Pulmonary Fibrosis P.B. Bitterman, M.D., Minneapolis, MN
- Patient's Perspective TBD
- Lessons From Pulmonary Fibrosis In Hermansky Pudlak Syndrome NHGRI B.R. Gochuico, M.D., Bethesda, MD
- Genomics And Pulmonary Fibrosis J.E. Loyd, M.D., Nashville, TN
- Molecular Diagnostics And Biomarkers In IPF N. Kaminski, M.D., Pittsburgh, PA
- Where Are We With Clinical Trials In IPF? TBD
- Novel Treatments For Pulmonary Fibrosis: Stem Cells And All That Jazz L.A. Ortiz, M.D., Pittsburgh, PA
- Wrap-Up Interactive Discussion D.H. Ingbar, M.D., Minneapolis, MN

The ATS PAR Annual Poster Session will be open from Sunday, May 17 – Tuesday, May 19 2009 in the Exhibit Hall of the San Diego Convention Centre. Public Interest Organizations (PIO's) concerned with lung and sleep disorders will present information about their organizations. A representative from each organization will be present at the poster session to provide additional information.



## ATS Foundation to Host Inaugural Benefit Dinner for the ATS Research Program at ATS 2009 in San Diego

The Board of Trustees of the Foundation of the American Thoracic Society invites you to attend our Inaugural **Gala** Dinner benefiting the ATS Research Program on Saturday, May 16, 2009 in San Diego, California. The **evening** will begin with a **reception** at 7:00 p.m. followed by dinner at 7:45 PM. The **event** will be held at the Manchester Grand Hyatt on the Fourth Level in the Randle Ballroom. During the dinner, we will recognize ATS Research Program **awardees** and honor the **recipients** of the 2009 Breathing for Life Award. Please join us! **Please register early as seating is limited**.

To register for **the conference and reception/dinner** go to: <u>http://foundation.thoracic.org/web/ats-research-program-dinner.html</u> or call (212) 315-6822 for more information.

## ENVIRONMENTAL AND OCCUPATIONAL HEALTH ASSEMBLY MEMBERSHIP MEETING

Monday May 18<sup>th</sup> 4:30-6:30 PM Manchester GrandHyatt San Diego Douglas Pavilion D (Ground Level)