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Respiratory Structure and Function

Editor: Andrew J. Halayko, PhD

ASSEMBLY OFFICERS

Andrew Halayko, PhD
Assembly Chair
ahalayk@cc.umanitoba.ca

William Gerthoffer, PhD
Planning Chair
wgerthoffer@usouthal.edu

Jason Bates, PhD, DSc
Program Chair
jhtbates@zoo.uvm.edu

Leigh Ann Callahan, MD
Program Chair-elect
lacall2@email.uky.edu

Thomas Murphy, MD
Nominating Chair
murph016@mc.duke.edu

Gill Allen, MD
Website Director
Gil.Allen@uvm.edu

ASSEMBLY CONTACT

Website:
<http://www.thoracic.org/assemblies/rsf/index.php>

Email: rsf@thoracic.org

IN THIS ISSUE

Message from the Assembly Chair	1-2
RSF Program Committee	3
RSF Sessions	3-5
Planning Committee Report	5-6
Nominating Committee Report	6-7
Web Director Report	7
MITT Working Group	7
RSF Representative Report	8
Public Advisory Roundtable	9-10
Assembly/Committee Projects Application	11
ATS Documents Development	11
SRN Membership Meeting Reception	11-12
Help Select Future ATS Leaders	12
About the other ATS Journals	12
PATS	13
ATS Foundation	13

MESSAGE FROM THE ASSEMBLY CHAIR

With Spring dawns a new season. This is apt context for our annual assembly newsletter, as 2011 has seen much change for ATS, something that the RSF Assembly has embraced. We had some established members pass, including Peter Macklem who will be honored in a memorial symposium at the 2012 International Conference, and Stuart J. Hirst, for whom we established an annual Abstract Excellence Award for the trainee with the highest ranked abstract in categories related to airway biology and physiology. As I pass leadership on to RSF Chair-Elect Robert Brown in May, he inherits some exciting initiatives, and a terrific Executive Committee that is addressing several emerging issues.



Andrew J. Halayko, PhD

In nearly two years as RSF Chair I have learned a lot, but easily the most compelling has been coming more fully aware of the cadre of eager and enlightened individuals, many very early in their careers, who are committed to our Assembly. Perhaps most telling was the incredible turnout (in excess of 100) that we had for our first “RSF Meet-and-Greet” prior to our Business Meeting at the International Conference in Denver. This sends a clear message; there are a huge number of capable individuals who want to work for RSF through its committees and working groups. In 2011 we adopted a Succession Plan (posted on the RSF Website) for members to get involved in a tangible way and, if willing, move through committees and up the ladder to executive positions. It is essential for the health, innovation, and vigor of the Assembly that we engage all members in meaningful ways, in particular those in the development stages of their careers. Over the past year the Chairs of all Assemblies have engaged ATS leadership and staff to develop mechanisms for tracking members and their expertise to create a database from which we can draw from the new and established to populate our committees. Look for changes in the way you renew or launch your ATS membership, as it should contain fields that feed the RSF members database. Further, Web Director, Gil Allen, is working to establish a link on our RSF Website that will enable any member to indicate their desire to contribute to a committee, and will include fields to allow effective recruitment. These efforts are critical to the growth of the Assembly (and ATS), as they offer opportunity to engage qualified members who can help address some concerns I have heard from members that the cutting edge scientific content of the Interna-

(Continued on page 2)

MESSAGE FROM THE ASSEMBLY CHAIR

(Continued from page 1)

tional Conference could be better catered to the needs of emerging scientists, thereby preventing them from going to the conferences of other scientific societies.

On this note I want to thank all members of RSF committees, and to acknowledge the efforts of outgoing officers: Jason Bates (Chair, Programming Committee); Bill Gerthoffer (Chair, Planning Committee); Thomas Murphy (Chair, Nominating Committee); and, YS Prakash (Chair MITT Working Group). Thanks also to individuals who will take over lead positions in RSF: Robert Brown (Assembly Chair); Leigh Ann Callahan (Chair, Programming Committee); YS Prakash (Chair, Planning Committee); and, Richard A Johnson (Chair MITT Working Group). Our gratitude also extends to the outgoing and incoming members of our committees – you are the essential pillars of our Assembly. Last, good luck and many thanks to those members who have agreed to stand for election for some key positions in the Assembly in 2012 (see Nominating Committee Report for details).

As many of you know the RSF Assembly Dinner held each year at the International Conference has become a highlight, and we have the distinction of hosting the highest attended assembly dinner at the 2011 ATS conference. Our speaker, Dr. Kevin Fitzgerald bowled many of us over with his stand up comedy mixed with details of his fascinating work on polar bear and snake physiology. At the event we also celebrated with the recipients of our annual flagship Assembly awards: Dr. Susan Gunst (Joseph R. Rodarte Award for Scientific Excellence), Dr. Graeme R. Zosky (Ann Woolcock Memorial Young Investigator Award), and Dr. Rachel Clifford (Stuart J Hirst Abstract Excellence Award). The Planning Committee has developed another outstanding program for 2012 (please see report in this newsletter). Nonetheless, a real challenge for the dinner emerged in 2012. Long-standing corporate sponsorship that has kept ticket prices low is no longer a reality for any Assembly in ATS. This means ticket prices have risen, which could be a hurdle limiting junior colleagues from attending. If that occurs, a principal feature of the event (giving trainees and young investigators a place to become entrenched in our community) is in jeopardy. This prompted us to establish an RSF Fundraising Working Group. I will Chair this group in the coming year as we develop ways to generate revenue to maintain RSF activities and support the engagement of young members. We'll be looking to all members for ideas and support in the coming year. I ask many of you to consider "giving back" to RSF through mechanisms that we will unveil soon. This support will ensure the dinner event remains of the highest quality, allowing RSF to offer trainees partially or fully subsidized tickets, and to continue to offer RSF awards for Abstract Excellence and travel.

In my tenure as Chair, I am perhaps most excited about the development of the Members in Transition and Training (MITT) Working Group, which is now leading efforts to ensure young RSF affiliates are served and engaged. This group has taken over planning of the RSF Assembly Meet-and-Greet session that will be held prior to our Membership Meeting at the upcoming International Conference in San Francisco. As described in the MITT Report in this newsletter, they have also successfully programmed a Workshop at the 2012 International Conference on grantsmanship and grant review basics. In addition, they will be working closely with Web Director, Gil Allen, to establish RSF social media initiatives, and will be involved with planning for a Science and Innovation Center at this year's International Conference. I look forward to watching this group take a leading role to facilitate service and engagement of our upcoming members in the years to come.

I end by thanking RSF members for the honor they bestowed when electing me to serve as Assembly Chair over the past 2 years. I have been humbled by the energy and talent of all of you, and by the commitment and drive of our Committee Chairs and members who made my tenure a pleasure and were the real enablers of progress that was achieved.

PROGRAM COMMITTEE REPORT

Jason Bates, PhD, DSc, Chair

The RSF Assembly Program Committee has assembled an exciting program for the Annual Meeting in May, at which RSF will be the primary sponsor of 5 Scientific Symposia, 6 Mini-Symposia, 7 Poster Discussion sessions, and 10 Thematic Poster sessions. RSF is also co-sponsoring, with other assemblies, a further 9 Scientific Symposia, a Year in Review Symposium, and two sessions on Clinical Topics in Pulmonary Medicine. The topics covered in these sessions are broad, reflecting the wide ranging interests of members of the RSF Assembly. Translational science is a particular focus of our assembly and spans the range from remodeling in airway disease (the focus of several symposia and poster discussion sessions) to respiratory muscle weakness in disease (the subject of two poster discussion sessions). RSF is also strongly involved in supporting the development of novel technologies, and this year there is noticeable depth in cutting-edge imaging methods as well as nanotechnology. Finally, and of particular note, the RSF Assembly is dedicating a poster discussion session this year to the memory of Peter T. Macklem, one of the giants of respiratory science and medicine who passed away in 2011. Dr. Macklem is being remembered in a poster discussion session entitled “The lung on the border between order and chaos” at which a diverse group of scientists will discuss the latest ideas on how complex integrative behavior arises in the lung, a field in which Macklem made major contributions.

It has been a pleasure serving as Programming Chair and working with Chair-elect Leigh Ann Callaghan in the past year. RSF is in good hands as she takes over the reins and I wish her the best in leading programming initiatives from the 2013 International Conference.

ATS 2012 - SAN FRANCISCO Sessions Sponsored by the Assembly on Respiratory Structure and Function

Session Code	Session Title	Session Time	
Postgraduate Course			
Friday, May 18, 2012			
PG12	CASE-BASED PULMONARY FUNCTION TEST (PFT) INTERPRETATION-THE FOUNDATIONS	8:00 AM	4:00 PM
Saturday, May 19, 2012			
PG25	MASTER PHYSIOLOGY CLASS: COMMON PULMONARY DISEASES FROM A PHYSIOLOGIC PERSPECTIVE	8:00 AM	4:00 PM
Scientific Symposium			
Sunday, May 20, 2012			
A7	AIRWAY REMODELING AND HYPERRESPONSIVENESS IN ASTHMA: WHAT ARE THEY AND WHAT CAN WE DO ABOUT THEM?	8:15 AM	10:45 AM
Monday, May 21, 2012			
B86	TARGETING THE EXTRACELLULAR MATRIX: DETECTING AND TREATING FIBROTIC DISEASES	2:00 PM	4:30 PM
Tuesday, May 22, 2012			
C7	DEVELOPMENTAL CONTROL OF RESPIRATORY STRUCTURE AND FUNCTION DURING THE COURSE OF LIFE	8:15 AM	10:45 AM
Wednesday, May 23, 2012			
D8	EPIGENETIC TARGETS FOR NOVEL THERAPY OF LUNG DISEASES	8:15 AM	10:45 AM
D88	IMAGING STRUCTURE AND FUNCTION VIA MRI, CT, AND PET	2:00 PM	4:30 PM

ATS 2012 - SAN FRANCISCO

Sessions Sponsored by the Assembly on Respiratory Structure and Function

Session Code	Session Title	Session Time	
Meet The Professor Seminars			
Sunday, May 20, 2012			
MP416	OBESITY AND ASTHMA OVERLAP: INSIGHT INTO PATHOPHYSIOLOGY AND TREATMENT STRATEGIES	12:00 PM	1:00 PM
MP417	DEVELOPING NEW ATS/ERS RECOMMENDATIONS FOR METHACHOLINE CHALLENGE TESTS	12:00 PM	1:00 PM
Monday, May 21, 2012			
MP517	SIMILARITIES AND DIFFERENCES IN ASTHMA AND COPD: ARE THEY REAL?	12:00 PM	1:00 PM
Tuesday, May 22, 2012			
MP616	ADIPONECTIN IN ASTHMA: BENEFICIAL ROLE OR INNOCENT BYSTANDER?	12:00 PM	1:00 PM
Sunrise Seminar			
Monday, May 21, 2012			
SS116	THE USE OF IMAGE ANALYSIS IN QUANTIFYING THE PATHOLOGY OF LUNG DISEASES	7:00 AM	8:00 AM
Tuesday, May 22, 2012			
SS215	OBESITY AND ASTHMA: WHAT CAN WE LEARN FROM ANIMAL MODELS?	7:00 AM	8:00 AM
Wednesday, May 23, 2012			
SS314	L-ARGININE HOMEOSTASIS: NOVEL MASTER SWITCH IN RESPIRATORY STRUCTURE AND FUNCTION?	7:00 AM	8:00 AM
Work Shop Sessions			
Monday, May 21, 2012			
WS3	CAREER DEVELOPMENT WORKSHOP: GRANTSMANSHIP SKILLS FOR BASIC SCIENCE AND TRANSLATIONAL RESEARCHERS: WHAT HAPPENS DURING GRANT REVIEW?	11:30 AM	1:00 PM
Mini-Symposium			
Sunday, May 20, 2012			
A17	PATHOGENIC MECHANISMS OF ACUTE LUNG INJURY	8:15 AM	10:45 AM
A97	MODELING REMODELING: HOW DISEASE AFFECTS THE AIRWAYS	2:00 PM	4:30 PM
A98	NANOTECH MEETS THE LUNG	2:00 PM	4:30 PM
Monday, May 21, 2012			
B98	NOVEL APPROACHES TO LUNG IMAGING	2:00 PM	4:30 PM
Wednesday, May 23, 2012			
D100	THE BIG ROLE OF SMALL AIRWAYS	2:00 PM	4:30 PM
D101	ANIMAL MODELS OF EMPHYSEMA	2:00 PM	4:30 PM
Poster Discussion Session			
A108	AIRWAYS HYPERRESPONSIVENESS: CAUSES AND TREATMENTS	2:00 PM	4:30 PM
Monday, May 21, 2012			
B29	THE LUNG ON THE BORDER BETWEEN ORDER AND CHAOS	8:15 AM	10:45 AM
B30	MECHANISMS OF MUSCLE WEAKNESS IN CRITICAL ILLNESS: TRANSLATING BASIC SCIENCE TO THE BEDSIDE	8:15 AM	10:45 AM
Tuesday, May 22, 2012			
C30	THE ROLE OF THE SMOOTH MUSCLE CELL IN AIRWAY DISEASE	8:15 AM	10:45 AM
C110	SKELETAL MUSCLE DYSFUNCTION IN CHRONIC PULMONARY DISEASE: ADAPTATION OR MALADAPTATION?	2:00 PM	4:30 PM

ATS 2012 - SAN FRANCISCO

Sessions Sponsored by the Assembly on Respiratory Structure and Function

Session Code	Session Title	Session Time	
Poster Discussion Session			
Wednesday, May 23, 2012			
D30	NOVEL APPROACHES TO ASSESSING LUNG PATHOPHYSIOLOGY	8:15 AM	10:45 AM
D108	OUT OF CONTROL: PROLIFERATIVE AND FIBROTIC REMODELING OF THE LUNG	2:00 PM	4:30 PM
Thematic Poster Sessions			
Sunday, May 20, 2012			
A65	LUNG IMAGING: PHYSIOLOGY AND TECHNOLOGY	8:15 AM	4:30 PM
A66	MODELING, MECHANICS AND GAS EXCHANGE	8:15 AM	4:30 PM
A67	ACUTE LUNG INJURY AND ACUTE RESPIRATORY DISTRESS SYNDROME: BIOLOGICAL MECHANISMS	8:15 AM	4:30 PM
A68	TISSUE REMODELING IN THE LUNG	8:15 AM	4:30 PM
A69	NEURAL CONTROL OF THE AIRWAY	8:15 AM	4:30 PM
Monday, May 21, 2012			
B68	LUNG STRUCTURE AND GROWTH	8:15 AM	4:30 PM
B69	AIRWAY STRUCTURE AND FUNCTION	8:15 AM	4:30 PM
B70	SLEEP DISORDERED BREATHING: PATHOPHYSIOLOGY	8:15 AM	4:30 PM
Wednesday, May 23, 2012			
D79	EXERCISE, HYPOXIA AND ALTITUDE	8:15 AM	4:30 PM
D80	EMPHYSEMA AND COPD: PATHOPHYSIOLOGY	8:15 AM	4:30 PM
D81	ASSESSING THE AIRWAYS	8:15 AM	4:30 PM

PLANNING COMMITTEE REPORT

William T. Gerthoffer, PhD, Chair

I am pleased to report the Planning Committee includes 15 members representing institutions in North America, Australia and Europe. The members deserve our thanks for their devotion and enthusiasm in planning some of the Assembly's most important functions.

One of our important duties is to solicit nominations for the Joseph R. Rodarte Award for Scientific Excellence and the Ann Woolcock Memorial Award for a young investigator in asthma research. We anticipate a strong field again in 2012. Please note that nominations for the Rodarte Award carry over twice from the previous year in not successful. We ask the nominators to update the letters of nomination to let the committee know who is to be considered again this year.

The Planning Committee considered six ATS Project applications for sponsorship or co-sponsorship by the RSF Assembly. We are pleased that four projects sponsored by the RSF were approved for funding.

The project titles and Chairs are:

- ATS-ERS Joint Task Force: Bronchoprovocation challenge testing (Dr. Bruce Culver)
- Update of the ATS/ERS official statement on skeletal muscle dysfunction in COPD (Dr. Francois Maltais)
- Guidelines for Proper Quantification of Structural Changes in Mouse Models of COPD (Dr. Wayne Mitzner)

(Continued on page 6)

PLANNING COMMITTEE REPORT

William T. Gerthoffer, PhD, Chair

(Continued from page 5)

- Evaluation of respiratory mechanics and function in the pediatric and neonatal intensive care unit (Prof. Sarath C. Ranganathan)

The RSF Members in Transition and Training (MITT) Working Group, was chaired by Y.S. Prakash, M.D., Ph.D. (Mayo Clinic) developed and will sponsor a Career Development Workshop entitled “*Grantsmanship skills for basic science and translational researchers: What happens during grant review?*”, at this year’s International Conference (Monday, May 21 from 11:30 AM to 1:00 PM). Dr. Prakash along with Richard A. Johnston, Ph.D. of The University of Texas Medical School at Houston, the incoming Chair of the RSF MITT Working Group, will co-chair this Workshop, which will have six highly experienced grant reviewers from the RSF Assembly simulate a grant review panel using previously submitted NIH and non-NIH grants from RSF Assembly members. Current and former members of the RSF Assembly leadership will serve as grant reviewers for this Workshop, including Drs. Judith Black, Jeffrey Fredberg, William Gerthoffer, Susan Gunst, Gary Sieck, and Julian Solway. We would like to encourage all trainees and junior faculty within the Assembly to register for what promises to be a very informative Workshop.

As always the Planning Committee hopes you will join us for an evening of reunion with old friends and making new friends at the RSF dinner. The after-dinner speaker this year is Dr. Jay Dean, Professor of Molecular Pharmacology and Physiology, University of South Florida. Dr. Dean is a leading investigator in the field of CNS effects of hyperbaric oxygen. He will speak on advances in aviation physiology made during WWII that had significant impact on high altitude flight. His lectures on the subject come highly recommended and have been reported in the lay press and at meetings of other scientific societies.

Please encourage fellows and students to attend what promises to be an enjoyable dinner and an interesting after-dinner program.

NOMINATING COMMITTEE REPORT

Thomas M. Murphy, Chair

In 2011-12 the RSF Assembly Nominating Committee included Gil Allen (Vermont), Steven An (John’s Hopkins) and Reinoud Gosens (Groningen, The Netherlands). We successfully concluded a search for excellent candidates for positions on the ballot for Chair-Elect, RSF Assembly Program Committee, and for RSF Assembly Nominating Committee Members for 2012-2013. The selection process involved a careful review of prior success in RSF committee service and the ability to carry forward the mandates of these elected positions. We also used criteria for experience as set out in the RSF Succession Plan, adopted in 2011. It is the view of the committee that coordinated recruitment of new members to all committees is needed to ensure that we have a large number of members in the future with requisite experience on different RSF committees to be eligible for elected executive positions.

The following candidates have agreed to run for the position of Chair-Elect of the RSF Program Committee for 2012-2013:

Geoffrey Maksym, Dalhousie University (Halifax)
Gregory King, University of Sydney (Australia)

The following candidates have agreed to run for the position of member of the RSF Nominating Committee Members for 2012-2013. Two candidates will be elected:

Janette Burgess, University of Sydney (Australia)
Deepak Deshpande, University of Maryland

(Continued on page 7)

NOMINATING COMMITTEE REPORT

Thomas M. Murphy, Chair

(Continued from page 6)

Lennart Lundblad, University of Vermont
Herman Meurs, University of Groningen (The Netherlands)

We congratulate the nominees and thank them in advance for their promise of excellent service to the Assembly. Please keep in mind that voting for assembly positions is now done on-line via the ATS website. Look for announcements soon from ATS inviting you to cast your vote. Results of the voting will be announced at the 2012 RSF Assembly Membership Meeting in San Francisco during the International Conference.

WEB DIRECTOR REPORT

Gil Allen, MD, Chair

The Respiratory Structure and Function Assembly page within the American Thoracic Society Website has recently been updated. Current officers are up to date, as are the recipients for last year's Ann Woolcock Memorial Award, Joseph R. Rodarte Award for Scientific Distinction, and Stuart J Hirst Abstract Excellence Award. We have also added new links to upload names and CV files of your nominees for the Woolcock and Rodarte awards. Our own RSF Assembly Ning Networking site was closed down this year and replaced by a [new RSF Assembly group page, developed within the American Thoracic Society's Ning networking site](#). We hope to use this networking site to post new updates for upcoming conferences, and open discussion forums for topics of interest to any RSF assembly members who wish to participate – these initiatives will be organized in concert with the RSF MITT Working Group. The Ning networking site is partially restricted, simply to keep down unproductive chatter, but I invite all members to join us at the [RSF Assembly Page](#). I'm looking forward to seeing your name on the page. The ATS web editorial board has been exceptionally helpful, but I feel this option will give RSF members, and our officers, greater access of real-time contribution to a web-based forum. Please feel free to contact me by e-mail with suggestions and comments (Gil.Allen@uvm.edu).

RSF ASSEMBLY MEMBERS IN TRANSITION AND TRAINING (MITT) WORKING GROUP REPORT

Y.S. Prakash, MD, PhD, Chair, Richard A. Johnson, Incoming Chair

Report prepared by incoming Chair

The Members in Transition and Training (MITT) Working Group was established by the Assembly in 2011 as a vehicle to ensure that the views and interests of junior members of the Assembly are brought forth to the Assembly leadership. In 2012 the group was chaired by Y.S. Prakash. In 2012 Richard A. Johnston will take over as Chair. Other members of the Working Group include trainees and junior faculty from around the world including: Christina Pabelick (Rochester); Pawan Sharma (Calgary); Amir Zeki (Sacramento); Janette Burgess (Sydney); Charlotte Billington (Nottingham); Ramaswamy Krishnan (Boston); Marrah Lachowicz-Scroggins (San Francisco); Blanca Camoretti-Mercado (Chicago); and, Gil Allen (Vermont).

During the past year, the Working Group submitted a Workshop proposal entitled “*Grantsmanship skills for basic science and translational researchers: What happens during grant review?*” We are pleased to announce that this Workshop has been programmed at this year's International Conference on Monday, May 21 from 11:30 AM to 1:00 PM. Drs. Prakash and Johnston will co-chair this Workshop, which will have six highly experienced grant reviewers from the RSF Assembly simulate a grant review panel using previously submitted NIH and non-NIH

(Continued on page 8)

RSF ASSEMBLY MEMBERS IN TRANSITION AND TRAINING (MITT) WORKING GROUP REPORT

Y.S. Prakash, MD, PhD, Chair, Richard A. Johnson, Incoming Chair

(Continued from page 7)

grants from RSF Assembly members. Current and former members of the RSF Assembly leadership will serve as grant reviewers for this Workshop, including Drs. Judith Black, Jeffrey Fredberg, William Gerthoffer, Susan Gunst, Gary Sieck, and Julian Solway. We would like to encourage all trainees and junior faculty within the Assembly to register for this Workshop.

In addition, beginning one hour prior to the Assembly's Membership Meeting on the evening of Monday, May 21, the MITT Working Group will sponsor a meet-and-greet (pre-business meeting) to give junior members of the Assembly the opportunity to meet the Assembly leadership as well as members of the MITT Working Group.

The MITT Working Group is also delighted to be linked with efforts of Dr. Blanca Camoretti-Mercado (Univ. of Chicago) who was appointed as the RSF representative on a committee planning a Science and Innovation Center at this year's International Conference. Please take a look at Dr. Camoretti-Mercado's report for more details.

Finally, the MITT Working Group will continue to work throughout the upcoming year to provide junior members of the Assembly career development opportunities. Please feel free to contact Dr. Johnson directly by e-mail (Richard.A.Johnston@uth.tmc.edu) with questions and suggestions.

RSF REPRESENTATIVE REPORT ON THE SCIENCE AND INNOVATION CENTER

Blanca Camoretti-Mercado, PhD

The Science and Innovation Center is a forum for scientists and researchers to network, learn about research resources, and consult with experts in pulmonary and critical care research while at the International Conference. Organized by several assemblies: RCMB (Lynn Schnapp, MD), RSF (Blanca Camoretti-Mercado, PhD) and AII (Benjamin Raby, MD, MPH), the Center is modeled after the Clinician's Center and Center for Fellows and Junior Professionals (CFJP). International Conference attendees in San Francisco and members from all Assemblies are welcome to visit.

The Center will provide interactive and informal consultation sessions for visitors with faculty who will address research questions including those on study design, technology implementation, experimental trouble shooting, or data interpretation. It will also offer coupons with discount for webcasts from symposia and PG Courses organized by RCMB, RSF and AII assemblies from recently past ATS Conferences. Materials from RCMB, RSF and AII Assemblies will be available as well as the MITT Grant Resource Guide and Career Talk CD. Research related resources available through the ATS, ALA and NIH will be displayed and/or accessible. Drs. James Kiley and Weiniu Gan from NHLBI will be present at the Center.

Coffee, cocktails, Hors D'Oeuvres, snacks, and beverages will be available too!

The Center will be located in a room (100 or 101 – TBD) adjacent to Exhibit Hall in the Moscone South and will operate Sunday and Monday 10 am-4pm, and Tuesday 10am-2pm.

Patients to Speak At Seventeen Designated ATS International Conference Symposia

The ATS Public Advisory Roundtable (ATS PAR) has selected patients to provide a patient perspective at seventeen symposia at the 2012 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposium (Session B90) for the last nine years as well as at an increasing number of sessions at ATS International Conferences from 2004 to 2011. This is the ninth 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	CODE	SESSION TITLE	TALK DATE/TIME
AII, RCMB	A85	THE IL33/ST2 AXIS: NEW BIOLOGY AND NEW POTENTIAL TARGETS IN ASTHMA	Sunday 5/20 2:00-4:30 pm
RCMB, AII, PEDS,	A86	NEONATAL ORIGINS OF ADULT PULMONARY DISEASE	Sun 5/20 2:00-4:30 pm
PC, AII, CC	A88	MICROPARTICLES: SMALL WONDERS OR A BIG DEAL IN ACUTE LUNG INJURY AND PULMONARY HYPERTENSION?	Sun 5/20 2:00-4:30 pm
EOH, AII, CP	B5	'IDIOPATHIC' INTERSTITIAL PNEUMONIAS/PULMONARY FIBROSIS: IS 'IDIOPATHIC' TRULY 'IDIOPATHIC'?	Mon 5/21 8:15-10:45 am
MTPI, CP, PEDS	B10	NON-TUBERCULOUS MYCOBACTERIA UPDATE: GUIDELINES PLUS 5	Mon 5/21 8:15-10:45 am
CP, EOH	B82	THE MANY FACES OF BRONCHIOLITIS OBLITERANS: NEW INSIGHTS FROM OCCUPATIONAL MEDICINE TO HUMAN TRANSPLANTATION	Mon 5/21 2:00-4:30 pm
NUR, BSA, CP	B87	DIFFICULT CONVERSATIONS WITH PATIENTS	Mon 5/21 2:00-4:30 pm
EOH, AII, BSA	B88	WORK-EXACERBATED ASTHMA: NEW DEVELOPMENTS IN CLINICAL APPROACH, EPIDEMIOLOGY, AND PREVENTION	Mon 5/21 2:00-4:30 pm
SRN, RSF	C8	NO PAIN NO GAIN; WILL UPPER-AIRWAY EXERCISE TRAINING/ELECTRICAL STIMULATION WORK FOR SLEEP APNEA?	Tue 5/22 8:15-10:45 am
PR, BSA, NUR	C9	PULMONARY REHABILITATION ACROSS THE SPECTRUM OF ILLNESS FOR PATIENTS WITH COPD	Tue 5/22 8:15-10:45 am
BSA, CP	C10	IMPLEMENTING LUNG CANCER SCREENING: MOVING FROM RCTS TO THE REAL WORLD	Tue 5/22 8:15-10:45 am
CP, BSA, NUR	C82	PULMONARY AND NON-PULMONARY MANIFESTATIONS OF HYPERINFLATION IN COPD: PATHOGENESIS AND IMPLICATIONS FOR TREATMENT	Tue 5/22 2:00-4:30 pm
RCMB, AII	C88	LUNG CANCER STEM CELLS AND THE ROLE OF THE MICROENVIRONMENT IN LUNG CARCINOGENESIS	Tue 5/22 2:00-4:30 pm
PEDS, AII, CP	D9	CONTROVERSIES IN THE DIAGNOSIS AND TREATMENT OF SICKLE CELL LUNG DISEASE	Wed 5/23 8:15-10:45 am
AII, CP, EOH	D85	HYPERSENSITIVITY PNEUMONITIS: RECENT ADVANCES, FUTURE DIRECTIONS	Wed 5/23 2:00-4:30 pm
PC, BSA, PR	D86	IMPACT OF EXERCISE ON CARDIOPULMONARY STATUS: IMPLICATIONS FOR PULMONARY HYPERTENSION	Wed 5/23 2:00-4:30 pm
PAR, CP, MTPI	B90	(PAR SYMPOSIUM) GOING FOR THE CURE: THE MYCOBACTERIA CASE	Mon 5/21 2:00-4:30 pm

ATS PAR Symposium

During ATS 2012, the Society's Public Advisory Roundtable will once again bring together clinicians, researchers and patients at its annual symposium on Monday, May 21, from 2 to 4:30 p.m.

This year, the program will focus on nontuberculous mycobacterial (NTM) diseases. A host of experts will discuss various research agendas, all of which are designed to identify a cure to control and reduce the burden of these environmental disorders.

"Faculty members will first talk more generally about what is needed for a disease or condition to progress toward a cure or control using mycobacterial diseases as an example," said Teresa Barnes, chair of ATS PAR and vice president of patient outreach and advocacy at the Coalition for Pulmonary Fibrosis, who will co-chair the symposium with ATS Immediate-Past President Dean E. Schraufnagel, MD. "Then, presenters will highlight the areas of research that are most likely to produce breakthroughs in environmental mycobacterial diseases and focus on research and its application to these disorders."

The event will begin with Ms. Barnes giving out ATS PAR's 2012 awards, which honor individuals who are committed to advancing research and clinical care in the fields of pulmonary, critical care and sleep medicine. Next, Dr. Schraufnagel will introduce a patient speaker who will talk about NTM disease from the patient and family perspectives. Other faculty members will then focus on the importance of removing bacteria from the environment, the role of molecular methods in diagnosis and testing effective treatments.

For more information about this symposium, please visit <http://conference.thoracic.org> and search for session B90.

Breathing Better with the ATS

The American Thoracic Society Public Advisory Roundtable (PAR) is pleased to invite you to our sixth annual FREE patient forum "Breathing Better with the ATS."

**SATURDAY MAY 19, 2012
FROM 1:00 P.M. TO 4:00 P.M.
San Francisco Marriott Marquis
55 Fourth Street
San Francisco, CA 94103
(Room Golden Gate A, Golden Gate Level B2)**

The event will be held in conjunction with the ATS International Conference. You'll have an opportunity to hear from experts in the pulmonary community and network with them afterwards. This year's discussions will focus on quality of life and the panel includes:

Paul Wolters, MD • Jeffrey Swigris, DO • Jeffrey Golden, MD
Molly Bourne, MD • Sally McLaughlin, RN, MSN

PLEASE RSVP BY EMAIL TO cwhite@thoracic.org
NO LATER THAN FRIDAY, MAY 4, 2012

For further questions please contact Mr. Courtney L. White at (212) 315-8640.

Submit an Assembly/Committee Project Application for funding in FY2013!

We are happy to announce that ATS will once again accept NEW Assembly/Committee Projects for FY2013. All interested applicants should begin developing their ideas for Assembly/Committee Project Applications. Applications will be available on the ATS website at www.thoracic.org.

Please consider submitting an application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your Assembly Planning Committee Chair Y.S. Prakash MD, PhD at prakash.ys@mayo.edu.

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

The ATS Documents Development & Implementation Committee (DDIC), which sets policies for the development of Official ATS Documents, will be holding a hands-on workshop in conjunction with the ATS International Conference

What: "Document Development: Frequently Asked Questions and Answers"

When: Friday, May 18 from 12:30-4:00 PM; lunch will be served

Where: The San Francisco Marriott

Attendance at this event is required for Chairs of writing committees which have received ATS support for their New or Renewal project in 2012.

Others with an interest in guideline development, or in official documents in general, are encouraged to attend as well.

This is an excellent opportunity to meet and talk with the ATS Methodologist, Documents Editor, and members of the ATS DDIC - we hope to see you there!

RSVP to Jessica Wisk at jwisk@thoracic.org

Assembly on Respiratory Structure and Function Membership Meeting

MONDAY, MAY 21ST

5:00PM-7:00PM

SAN FRANCISCO MARRIOTT MARQUIS HOTEL

YERBA BUENA BALLROOM 9

LOWER B2 LEVEL

*Assembly on
Respiratory Structure and Function
Dinner*

*MONDAY, MAY 21ST
7:00PM-10:00PM*

*SAN FRANCISCO MARRIOTT MARQUIS HOTEL
YERBA BUENA BALLROOM 9
LOWER B2 LEVEL*

Help Select Future ATS Leaders: Submit Your Nominations

The Society's Nominating Committee is seeking nominations for candidates to be elected ATS Secretary-Treasurer for 2013-2014. The successful candidate will advance through the leadership offices and serve as ATS President in 2016-2017.

The position of Secretary-Treasurer is critical for the ATS, as this individual spends three years learning about the Society's structure and leadership. They will then serve as President in the fourth year; and finally serve as immediate past in the final year as an officer.

When making a nomination, it is recommended that you consider an individual's organizational ability, leadership skills, reputation in the field, willingness to devote time to the ATS, contributions to the work of the Society's and diplomacy.

The Nominating Committee has improved the process for submitting nominations; please visit <http://www.thoracic.org/go/secretary-treasurer> to learn more about this position and to nominate a colleague or to submit a self nomination.

Letters of Interest are due by July 31, 2012.

About the other ATS Journals

American Journal of Respiratory and Critical Care Medicine (AJRCCM) continues its new initiatives, including faster review turnaround times, concise clinical reviews, an images section, the fellows recommended reading series, the redesigned cover, as well as podcast interviews and discussions.

American Journal of Respiratory Cell and Molecular Biology (AJRCMB), now an online-only journal, has dramatically reduced its pagelag and offers free color art to members, as well as reduced rates to non-members. As a new initiative, AJRCMB will highlight in each issue one or more stellar papers written by a junior investigator.

The American Thoracic Society is relaunching *Proceedings of the American Thoracic Society (PATS)* beginning in 2013 as a bi-monthly, online, clinician-oriented journal.

The ATS is pleased to announce that John Hansen-Flaschen, MD, is the new Editor-in-Chief of PATS. Dr. Hansen-Flaschen is Professor of Medicine at the University of Pennsylvania, Chief of the Pulmonary, Allergy, and Critical Care Division, and Medical Director of the Penn Lung Center.

He envisions the new PATS as “a lively scholarly journal that is fully invested in ATS values of scientific inquiry and integrity and is complementary – but not qualitatively inferior – to the two ATS established journals.” The new PATS will target clinicians with current and concise reviews, original research, commentaries, education materials, and editorials. The spectrum of content will include pulmonary, critical care, sleep medicine, pediatrics, and evidence-based nursing. PATS will retain its special issues: Aspen, Transatlantic, and the Clinical Year in Review.

Please stop by the Clinician’s Center at the ATS Conference on Tuesday, May 22, from noon to 2 pm, to meet Dr. Hansen-Flaschen.

Please join us for the Fourth Annual ATS Foundation Research Benefit on Saturday, May 19, 7:00 pm, at the Marriott Marquis San Francisco.

In response to past attendees’ requests for maximum time to socialize at the benefit, the Foundation has redesigned the format to be as interactive and fun as possible. Attendees will have the opportunity to mingle freely and network with colleagues while sampling a wide array of San Francisco’s delicious cuisines at food stations. There will be dancing to the sounds of a San Francisco DJ.

In addition to the talented early career investigators who will be honored, the benefit will pay tribute to Talmadge E. King, Jr., MD, Chief Medical Service, University of California at San Francisco. Dr. King will be the recipient of the 2012 Breathing for Life Award, the highest honor conferred by the Foundation on an individual for philanthropy.

The continuation of unrestricted and matching research partner grants will depend on the Foundation’s ability to raise funds from ATS members like you. Thanks to your past support, the Foundation will be funding three unrestricted grants, one more than last year. To register, please use this link: <https://www.xpressreg.net/register/thor052/foundation>. For more information, please visit: <http://foundation.thoracic.org>, or contact Lydia Neumann: Lneumann@thoracic.org.