

# Pediatrics Assembly Newsletter

Edited by Susanna A. Mc Colley, M.D., Assembly Chair

## American Thoracic Society

### Message From The PEDS Assembly Chair

Susanna A. Mc Colley, MD

Spring 2005

Greetings to the members of the American Thoracic Society (ATS) scientific Assembly on Pediatrics (PEDS)! This year has been an exciting one, as we have planned for and entered the ATS' Centennial year. Assembly on PEDS members have been very active in numerous ATS assembly projects, have served on various ATS committees, have worked with the Society's Washington, D.C. office to support advocacy efforts, and have planned for the 2005 ATS International Conference in San Diego, California. On behalf of the ATS Assembly on PEDS, I would like to thank each Assembly member who has contributed their time and energy to strengthening our Assembly and the ATS as a whole.

The Task Force on Pediatrics' Report to the ATS Board of Directors has served as an active and dynamic document for the Society's leadership. The document, originally presented in 2002, is available on the Assembly on PEDS section of the ATS website at [www.thoracic.org/assemblies/peds/default.asp](http://www.thoracic.org/assemblies/peds/default.asp). Progress in fulfilling the rec-

ommendations of the Task Force has included:

- Preparation of a document titled "Research Challenges and Opportunities in Pediatric Pulmonology," chaired by Larry Lands, M.D., Ph.D., and recently approved by the ATS Board of Directors and in press for publication this year.
- Development of a focused pediatric research meeting. The meeting is in the planning phases and is anticipated to occur in conjunction with the 2006 ATS International Conference in San Diego, California.
- The appointment of members from the Assembly on PEDS to most ATS committees.
- The ATS International Conference continues to expand sessions of interest to members of our Assembly.
- There is an increased focus on international members in our Assembly.

The ATS is undergoing critical reassessment and a thorough and formal strategic planning process as we embark on our second century. During the past year, I had the honor of serving on the ATS "2020" group, a diverse committee composed of members of each of the ATS' 12 assemblies, as well as ATS staff. The group was charged with the development of a "Vision" to lead the ATS strategic plan. I have also recently been appointed as Chair of the ATS Planning Committee, which is charged with the development of the strategic plan, led by this "Vision."

Members of all ATS assemblies are deeply concerned about the availability of funds for research and training, and about workforce issues. A financially-sound ATS that has the ability to raise funds is essential to address these issues. To this end, the ATS Board of Directors approved the formation of the ATS Foundation in December 2004 (thanks to the many assembly members who contributed to the ATS Funds for the Future this year).

Officers of the PEDS Assembly

Assembly Chairman  
2003-2005: Susanna McColley  
[smccolley@northwestern.edu](mailto:smccolley@northwestern.edu)

Assembly Chair-elect  
2003-2005: Blakelee Noyes  
[noyes@slu.edu](mailto:noyes@slu.edu)

Planning Chairman  
2003-2005: Peter Hiatt  
[pwhiatt@texaschildrenshospital.org](mailto:pwhiatt@texaschildrenshospital.org)

Program Chairman  
2004-2005: Pierre Barker  
[pbarker@med.unc.edu](mailto:pbarker@med.unc.edu)

Program Chair-elect  
2004-2005: Clement Ren  
[clement\\_ren@urmc.rochester.edu](mailto:clement_ren@urmc.rochester.edu)

Nominating Chairman  
2004-2005: John Carl  
[john.carl@uhha.com](mailto:john.carl@uhha.com)

Web Director  
2000-2005: Tom Murphy  
[murph016@mc.duke.edu](mailto:murph016@mc.duke.edu)

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## Message From The PEDS Assembly Chair Cont'd

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I'm looking forward to the ATS 2005 International Conference and hope to see you at the Birthday Bash and scientific sessions. Special thanks to Pierre Barker and the members of the Assembly Program Committee for

their efforts in planning an exciting conference.

Please plan to attend the Assembly Business Meeting during the ATS International Conference on Monday, May 23<sup>rd</sup>, 2005 from 4:30 p.m. to 6:30

p.m. in the Manchester Ballroom G (level 2) at the Manchester Grand Hyatt in San Diego.

## How can I become more involved in Assembly Activities?

How can I become more involved in the American Thoracic Society's (ATS) Assembly on Pediatrics (PEDS)? There are many ways to become involved. Assembly members may become involved as committee members (including the Planning Committee, Program Committee and numerous ad-hoc committees) or as officers of the Assembly. Committee members are chosen annually by each committee chair and the Assembly on PEDS leadership encourages its members to contact the Assembly Chair, Susanna A. McColley, and other Assembly officers with any specific questions.

As most Assembly on PEDS members know, elections for Assembly officers are held annually at the official Assembly on PEDS Membership Meeting at the ATS International Conference. All Assembly members present at the Membership Meeting may vote. The candidates listed on the ballot are se-

lected annually by the Assembly on PEDS Nominating Committee. The Assembly Nominating Committee is comprised of three members (two are elected annually by the Assembly and the Nominating Committee Chair is appointed annually by the Assembly Chair). Each year, a call for nominations is sent via e-mail to all Assembly on PEDS members. Suggestions for candidates are collected and provided to the Assembly Nominating Committee. The Assembly Nominating Committee then meets via a conference call to discuss the potential candidates. ATS staff provides the Assembly Nominating Committee with historical information of each committee and descriptions of each leadership position.

The Nominating Committee then reviews the materials and nominates potential candidates for each Assembly on PEDS position. A member of the Nominating Committee contacts po-

tential candidates to confirm that they are willing to be on the Assembly ballot. Once the slate of candidates has been confirmed by the Nominating Committee members, ATS staff contacts each candidate for a brief biosketch. In addition, nominations may be taken from the floor for Nominating Committee members. Ballots and biosketches are provided to Assembly members at the Membership Meeting where voting takes place. ATS staff and/or a member of the Nominating Committee count the votes at the Assembly Membership Meeting and results are announced at the end of the meeting. Assembly positions are volunteer positions and the ATS is extremely grateful to all members who have expressed an interest to serve in the Assembly on PEDS. Please contact Elisha Malanga, Associate Director of ATS Assembly & Research Programs, via e-mail at [emalanga@thoracic.org](mailto:emalanga@thoracic.org) with any questions related to Assembly on PEDS voting or committees.

## PEDS Assembly Projects

**The American Thoracic Society (ATS) Assembly on Pediatrics (PEDS) Project:**

**“Recommendations for the Evaluation, Diagnosis and Treatment of the Child with Suspected Interstitial Lung Disease”**

**Co-Principal Investigators (P.I's):**

**Robin Deterding, M.D.  
Leland Fan, M.D.  
Susanna McColley, M.D.  
Claire Langston, M.D.  
Geoffrey Kurland, M.D.**

In March 2004, a meeting of pediatric pulmonologists, pathologists, radiolo-

gists and researchers was held in conjunction with a national Rare Lung Disease conference in Cincinnati, Ohio. Out of this first meeting has come a consortium which seeks to better understand pediatric interstitial lung disease (ILD). The Assembly on PEDS has provided important support

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## PEDS Assembly Projects Cont'd

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for this effort, with funds which will allow for additional meetings (by teleconference and at the ATS International Conference in May 2005) of an expanded group of physicians interested in this topic.

The major directions of this project will be:

1. To better define the pathology of the multiple entities that can present as ILD in the pediatric patient.

2. To recommend guidelines for the evaluation of children with ILD. This will include the role of techniques such as flexible bronchoscopy/bronchoalveolar lavage, transbronchial biopsy, raised volume CT scans, pulmonary function testing in infants and older children and transthoracic biopsy.

3. To describe treatments available for ILD, their efficacy and potential complications.

4. To recommend avenues for further basic science and clinical research to help better understand and treat pediatric ILD.

5. To disseminate the results of these meetings through written materials (*e.g.* via the ATS) and through a web-based internet site.

**FOR DETAIL ON ALL CURRENT PEDS ASSEMBLY PROJECTS, PLEASE VISIT THE PEDS WEBSITE AT [HTTP://MEMBER.THORACIC.ORG/ASSPROJECTS/PEDSPROJECT.ASP](http://member.thoracic.org/assprojects/pedsproject.asp)**

## FY2006 Assembly/Committee Project Forms are Available!

For your information, the FY2006 (January 1-December 31, 2006) project application forms for Assembly/Committee projects are now available on the ATS website at:

<http://www.thoracic.org/assemblies/projectform.asp>

Please consider submitting an application for an Assembly/Committee project. If you have an idea for a project application and you need assistance, please contact your Assembly Planning Committee chair Peter W. Hiatt, M.D., at [pwhiatt@texaschildrenshospital.org](mailto:pwhiatt@texaschildrenshospital.org)

The timeline for the application and review process follows:

March 2005: FY2006 forms are available

July 18, 2005: Assembly/Committee project applications are due to the ATS office. Late submissions or submissions without proper COI disclosures will not be accepted.

early-mid August 2005: abridged versions of the proposals will be posted

on the ATS site and emails will be sent to ATS Leadership, Assembly Planning Committee Chairs, Assembly Chairs, ATS Committee Chairs, appropriate ATS staff and the PRS committee, to notify them that the current, unreviewed proposals are available. This will give everyone an opportunity to touch base with any of the applicants if they would like to get involved with a project before it goes to the PRS for review.

August 2005: Assembly Planning Committees will meet via conference call to review appropriate proposals. Any proposal that has indicated on the form that a specific ATS committee may want to become involved will be sent to the ATS committee chair and to the appropriate staff member. Committees are encouraged to work with appropriate ATS staff and review any proposals and to send recommendations to the applicant and to the PRS.

September 2<sup>nd</sup> 2005: Revised proposals and all reviews from Assemblies and Committees are due to ATS office. This includes any proposal that has revisions based on a review by an

Assembly Planning Committee or an ATS Committee.

early October 2005: Program Review Sub-Committee (PRS) meeting

early November 2005: Program & Budget Committee (P&B) meeting. Recommendations from the PRS will be provided to the P&B Committee. At the discretion of the P&B Committee, specific projects will be added to the FY2006 budget as new items.

December: ATS Board reviews FY 2006 Budget

Please contact Elisha Malanga with any questions at tel: 212/315-8693 or email: [emalanga@thoracic.org](mailto:emalanga@thoracic.org)

# The ATS/ERS Task Force on Infant and Young Children Pulmonary Function Testing

The American Thoracic Society (ATS)/European Respiratory Society (ERS) Task Force on Infant and Young Children Pulmonary Function Testing represents a unique collaboration, formally organized in 1990, between the ATS' Assembly on Pediatrics (PED) and the ERS. Members of the Task Force are experts in the field of infant and preschool lung function testing and the current co-chairs are Stephanie Davis, M.D., of the ATS, and Nicole Beydon, M.D., of the ERS. The current objectives of this multinational Task Force are to establish

guidelines for: (1) preschool lung function testing and (2) the raised volume technique used to obtain forced expiratory maneuvers in infants.

The Task Force is currently finalizing eight manuscripts that establish guidelines for different preschool lung function techniques. The first two manuscripts discuss the need for these guidelines and the clinical implications of lung function testing in preschool children. The six remaining manuscripts will include guidelines for the following techniques: gas mixing, spi-

rometry, tidal breathing, forced oscillometry, interrupter resistance and bronchial challenge testing in preschoolers. The entire series will be officially reviewed by the ATS Board of Directors this year. The ATS/ERS consensus statement "Raised Volume Forced Expirations in Infants: Guidelines for Current Practice" has been completed and submitted for official review by the ATS Board. These manuscripts will promote standardization among users and manufacturers of infant and preschool lung function testing equipment.

## ATS 2005 – SAN DIEGO Sessions Sponsored by the Assembly on Pediatrics

POSTGRADUATE COURSE			
<u>Saturday, May 21</u>			
PG23	MECHANICAL VENTILATION AND THE CHILD	8:00 am	4:00 pm
YEAR IN REVIEW			
<u>Sunday, May 22</u>			
A71	PEDIATRIC YEAR IN REVIEW	1:30 pm	4:15 pm
CLINICAL TOPICS IN PULMONARY MEDICINE			
<u>Sunday, May 22</u>			
A2	PEDIATRIC CHEST ROUNDS	8:15 am	11:00 am
SCIENTIFIC SYMPOSIA			
<u>Monday, May 23</u>			
B9	ADVANCES IN PEDIATRIC INTERSTITIAL LUNG DISEASE	8:15 am	11:00 am
B76	CF AROUND THE WORLD: SAME DISEASE, DIFFERENT TREATMENTS	1:30 pm	4:15 pm
<u>Tuesday, May 24</u>			
C77	CHILDHOOD ASTHMA: A GLOBAL PERSPECTIVE	1:30 pm	4:15 pm
<u>Wednesday, May 25</u>			
D5	RESPIRATORY CARE OF THE PATIENT WITH NEUROMUSCULAR WEAKNESS	8:15 am	11:00 am
D9	EARLY ORIGINS OF ASTHMA: PROGRESSION FROM INFANTILE WHEEZE TO PERSISTENT ASTHMA	8:15 am	11:00 am
CLINICAL WORKSHOPS			
<u>Sunday, May 22</u>			
WS2	ADHD AND SLEEP DISORDER: CHICKEN OR THE EGG?	12:00 noon	1:30 pm
<u>Tuesday, May 24</u>			
WS6	YOU CAN'T MANAGE WHAT YOU DON'T MEASURE: USING PATIENT DATA TO ENSURE HIGH QUALITY CARE	12:00 noon	1:15 pm

# ATS 2005 – SAN DIEGO

## Sessions Sponsored by the Assembly on Pediatrics

<b>SUNRISE SEMINARS</b>			
<u>Monday, May 23</u>			
SS115	IMPROVING THE RESPIRATORY HEALTH OF CHILDREN IN THE DEVELOPING WORLD	7:00 am	8:00 am
SS116	THE ROLE OF EXERCISE TESTING IN CF	7:00 am	8:00 am
<u>Tuesday, May 24</u>			
SS216	PULMONARY COMPLICATIONS OF SICKLE CELL DISEASE	7:00 am	8:00 am
<u>Wednesday, May 25</u>			
SS316	PHENOTYPE SPECIFIC TREATMENT OF DIFFICULT ASTHMA IN CHILDREN	7:00 am	8:00 am
<b>MEET THE PROFESSOR SEMINARS</b>			
<u>Sunday, May 22</u>			
MP415	PEDIATRIC SLEEP DISORDERED BREATHING: A PRACTICAL APPROACH TO DIAGNOSIS AND MANAGEMENT	12:00 noon	1:00 pm
<u>Monday, May 23</u>			
MP516	SETTING UP AN INFANT PULMONARY FUNCTION LABORATORY AND TESTING YOUR FIRST BABY	12:00 noon	1:00 pm
<u>Tuesday, May 24</u>			
MP615	PULMONARY COMPLICATIONS OF TRACHEOSOPHOGEAL FISTULA	12:00 noon	1:00 pm
<b>MINI SYMPOSIA</b>			
<u>Sunday, May 22</u>			
A17	NEONATAL CHRONIC LUNG DISEASE: NOVEL INSIGHTS AND THERAPIES	8:15 am	11:00 am
<u>Monday, May 23</u>			
B15	FLUID TRANSPORT ACROSS THE PERINATAL AND ADULT LUNG EPITHELIUM	8:15 am	11:00 am
B86	INFLUENCE OF PRENATAL AND INFANT ENVIRONMENT IN THE DEVELOPMENT OF ASTHMA	1:30 pm	4:15 pm
<u>Tuesday, May 24</u>			
C16	ADVANCES IN ASSESSMENT AND TREATMENT OF CF LUNG DISEASE	8:15 am	11:00 am
<u>Wednesday, May 25</u>			
D19	SLEEP DISORDERED BREATHING AND NEUROCOGNITIVE FUNCTION IN CHILDREN AND ADULTS <i>(with the Assembly on Respiratory Neurobiology and Sleep)</i>		
D86	OBESITY-RELATED SLEEP DISORDERED BREATHING IN INFANTS AND CHILDREN	1:30 pm	4:15 pm
<b>POSTER DISCUSSION SESSIONS</b>			
<u>Sunday, May 22</u>			
A96	PATHOGENESIS OF BRONCHOPULMONARY DYSPLASIA: ANIMAL AND HUMAN STUDIES	1:30 pm	4:15 pm
<u>Monday, May 23</u>			
B97	UNDERSTANDING THE PATHOGENESIS AND MANAGEMENT OF LUNG DISEASE IN THE PICU	1:30 pm	4:15 pm
<u>Tuesday, May 24</u>			
C26	PATHOGENESIS OF POST-RSV WHEEZING IN INFANTS AND CHILDREN	8:15 am	11:00 am
C27	UNDERSTANDING PEDIATRIC ASTHMA: EPIDEMIOLOGY, GENETICS AND OUTCOMES	8:15 am	11:00 am
<u>Wednesday, May 25</u>			
D26	INFLAMMATORY RESPONSE IN THE CF LUNG	8:15 am	11:00 am

# ATS 2005 – SAN DIEGO

## Sessions Sponsored by the Assembly on Pediatrics

THEMATIC POSTER SESSIONS			
<u>Sunday, May 22</u>			
A53	CF CLINICAL STUDIES	8:15 am	4:15 pm
A54	MEASUREMENT TECHNIQUES FOR PEDIATRIC LUNG DISEASE	8:15 am	4:15 pm
A55	POST-RSV WHEEZE: CLINICAL STUDIES	8:15 am	4:15 pm
<u>Monday, May 23</u>			
B57	SLEEP DISORDERED BREATHING IN INFANTS AND CHILDREN	8:15 am	4:15 pm
B58	LUNG DEVELOPMENT: INSIGHTS INTO AIRWAY, MESENCHYME AND ALVEOLAR MORPHOGENESIS AND FUNCTION	8:15 am	4:15 pm
B59	PEDIATRIC AIRWAY AND LUNG DISEASES: CLINICAL STUDIES	8:15 am	4:15 pm
<u>Tuesday, May 24</u>			
C47	ASTHMA TREATMENT IN CHILDREN AND INFANTS	8:15 am	4:15 pm
C48	PEDIATRIC ASTHMA: ENVIRONMENTAL RISKS AND PREVALENCE	8:15 am	4:15 pm
C49	EARLY DETERMINANTS OF PEDIATRIC ASTHMA	8:15 am	4:15 pm

### *Patients to Speak At Fourteen Designated ATS International Conference Symposia*

The Public Advisory Roundtable (PAR) has selected patients to provide a patient perspective at fourteen of the 2005 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposia for the last three years and at nine ATS symposia at the 2004 International Conference in Orlando.

This is the second year that patient speakers will participate within the

Assemblies' Symposia. The patients will make a five-minute presentation at the symposia to offer insight into their personal journeys; to address their diagnosis, treatment, and how the disease has dramatically altered their lifestyles, family, career and relationships. They will share their insight 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	SESSION TITLE	DATE/TIME
AII	B7	Severe Asthma: Advancing Our Understanding of a Distinct Phenotype	Monday, May 23 8:15 am-11:00 am
BS	A6	What are the Causes of Health Disparities in Lung Diseases and What Can We do About Them?	Sunday, May 22 8:15 am-11:00 am
CP	C3	Sarcoidosis: How to Manage the Difficult Clinical Problems	Tuesday, May 24 8:15 am-11:00 am
CP	B72	The Scleroderma Lung Study: Lessons for Interstitial Lung Disease	Monday, May 23 1:30 pm-4:15 pm
CC	D74	Theory and Practice: Managing the Brain in Mechanically Ventilated Patients	Wednesday, May 25 1:30 pm-4:15 pm
EOH	A77	Sex and Gender Issues in Obstructive Lung Disease	Sunday, May 22 1:30 pm-4:15 pm

## Patients to Speak At Fourteen Designated ATS International Conference Symposia

ASSEMBLY	SESSION CODE	SESSION TITLE	DATE/TIME
MTPI	D7	Airway Infections: Pathogenesis and Consequences	Wednesday, May 25 8:15 am-11:00 am
NRSG	B5	Tobacco Addiction and Treatment: Current and Emerging Findings from Bench to Behavior	Monday, May 23 8:15 am-11:00 am
NRSG	D77	Innovative Physiological Interventions in Pulmonary Rehabilitation	Wednesday, May 25 1:30 pm-4:15 pm
PED	D5	Respiratory Care of the Patient with Neuromuscular Weakness	Wednesday, May 25 8:15 am-11:00 am
PED	B9	New Developments and Advances in Pediatric Interstitial Lung Disease	Monday, May 23 8:15 am-11:00 am
PC	C10	Pro-Con Debates in Pulmonary Arterial Hypertension	Tuesday, May 24 8:15 am-11:00 am
RCMB	C8	Targeting Lung Cancer: Novel Molecular Targets and Treatment Strategies	Tuesday, May 24 8:15 am-11:00 am
RNS	A8	Moving Toward Best Practice: Where Does the Diagnosis and Treatment Of Sleep Apnea Fit in the Care of Heart Failure?	Sunday, May 22 8:15 am-11:00 am

### PAR Symposium

The Public Advisory Roundtable (PAR) is pleased to announce the fourth PAR Symposium to be presented at the ATS International Conference in San Diego on Wednesday, May 25, 2005, from 8:15-11:00 a.m. Dr. Homer Boushey and Dr. John D. Newell will Chair the PAR Symposium "Imaging the Lungs in Research and Care". The PAR is excited to present the following speakers:

*Charles White, MD - "Keynote Address -New Technologies applied to an Understanding of Lung Disease"*

*Michael Gotway, MD - "Radiologic-Anatomic Correlations"*

*John Newell, MD - "Quantitative CT scanning in longitudinal studies of emphysema"*

*Jim Hogg, MD - "The nature of small-airway obstruction in chronic obstructive pulmonary disease"*

*Jonathan Goldin, MD, PhD - "Radiologic Assessment of interstitial pulmonary fibrosis"*

*David L. Levin MD, PhD - "MR imaging of Pulmonary Blood Flow"*

*Eric Hoffman, PhD - "Regional Characterization of Lung Structure and Function via Micro and Multidetector CT: New Views for New Insights"*

*Asgar Dirksen, MD, PhD - "Repeatability of lung density measurements with low-dose CT"*

Three patients will share their experience by describing their personal journey with their specific illness. Our goal is to increase the awareness of physicians and researchers to the major life challenges and alterations faced by patients with a serious and sometimes little known disorder.

PAR's Annual Poster Session will be open from Sunday, May 22 until Wednesday, May 25, 2005 at the Center Terrace of the San Diego Convention Center. 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.

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PEDIATRICS ASSEMBLY  
MEMBERSHIP  
MEETING

MONDAY MAY 23, 2005  
4:30PM—6:30PM

MANCHESTER GRAND HYATT  
MANCHESTER BALLROOM G  
(LEVEL 2)

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