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PULMONARY • CRITICAL CARE • SLEEP

PEDIATRICS
ASSEMBLY NEWSLETTER
EDITED BY PAMELA L. ZEITLIN, MD, PhD, ASSEMBLY CHAIRMAN

SPRING 2008



Message From the Assembly Chairman

Pamela L. Zeitlin, MD, PhD

Officers of the Assembly on Pediatrics

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By now we are all more than ready for Spring and looking forward to the ATS 2008 meeting in Toronto, Canada. The Pediatrics Assembly is proud to announce a significant increase in scientific abstracts attributed to Pediatrics. This enabled us to schedule more slots in the meeting for mini-symposia and poster-discussions. Both of these venues are excellent times to network with your colleagues, fellows in training, and physician scientists from other disciplines. Please join me in thanking Tom Ferkol and his committee for programming a very interesting series of sessions!

Three projects were funded by ATS: a working group on infant and young children pulmonary function testing (led by Marcus Young), Central Hypoventilation Syndrome: Translational/Transitional Medicine Prototype (led by Debra Weese-Mayer), and a special educational conference on Novel Research Opportunities in Cystic Fibrosis Clinical Research Using Existing Databases (led by Chris Goss and Pamela Zeitlin). Howard Panitch and his committee pre-reviewed an excellent group of proposals for the parent committee and will be presenting their suggestions at our annual assembly meeting at ATS 2008 for packaging a proposal so that it has a good chance of being viewed favorably at the ATS projects committee.

The first two projects are ongoing, but the third project is currently being organized for roll-out at ATS 2008 on May 17, 2008. The purpose of this special conference is to introduce junior faculty and fellows in training to the rich opportunities for database clinical research. The example is cystic fibrosis (CF) in which databases have been established from

clinical practice and from clinical research activities. Cystic fibrosis (CF) is the most common inherited life-shortening disease among Caucasians and affects approximately 30,000 people in the United States. There is an urgent need to increase the number of clinical investigators interested in pursuing academic careers in all areas of clinical research in lung disease (CF is just one example) to ensure basic science advances can be extended to the patient in efficient and well performed clinical studies. One way to help young investigators begin a clinical research career is to involve them in secondary data analyses of existing data. Large longitudinal CF cohort studies and CF patient registries enable continual reassessment of the disease spectrum and outcomes of patients with CF. These registries present numerous opportunities for secondary data analysis. Ancillary studies using banked data from prospective clinical trials also can be a valuable resource for secondary data analysis. A day long workshop will be held just prior to the ATS International Conference on Saturday May 17, 2008, from 8:30 to 3:30 in Toronto to bring together senior CF clinical investigators and junior investigators from around the world to explore and initiate secondary data analysis projects in CF. This workshop will bring young CF investigators into the ATS and increase the representation of CF clinical research at the ATS International Conference. All interested should email Dr. Christopher Goss at goss@u.washington.edu for more information. The morning session is made up of didactic lectures from faculty. The afternoon will consist of breakout sessions where junior faculty and fellows in training can brain storm with conference faculty concerning their own ideas for a project utilizing

Message From the Assembly Chairman

Pamela L. Zeitlin, MD, PhD

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one or more of these databases. We encourage you to send your junior faculty and fellows to this session, but apply immediately as the session size is limited.

By far, one of the best and most enjoyable ways to interact with other pediatrics assembly members is the annual Pediatrics Assembly meeting. It will be held on Sunday May 18th from 6:30pm-8:30pm at

the Sheraton Centre Toronto Hotel in the Dominion Ballroom N 2nd Floor. There will be a reception with light appetizers and beverages at the beginning of the meeting, followed by a meeting where we present the progress over the past year and hold an election. Please encourage all your fellows and faculty to attend this meeting! It does not conflict with any other scientific session. The

evening will be free after the meeting to network over dinner or join a post graduate session. In addition to the usual agenda items involving the business of the Assembly, we plan to discuss practical issues of designing successful projects, planning the next ATS conference, preparing a manuscript for the Blue Journal, and networking with our international colleagues.

Report from the Pediatric Assembly Program Committee

Thomas W. Ferkol, MD, Chair

We had a banner year with respect to scientific abstract submissions for Toronto 2008! The committee considered 380 scientific abstracts, a 20% increase over the previous year. We were able to schedule a greater number of mini-symposia and poster-discussion sessions with a pediatric theme. Please join me in thanking Chair Tom Ferkol, Chair Elect Raouf Amin and the members of the Pediatric Program Committee when we convene our Assembly meeting at ATS 2008!

On Monday afternoon, May 19, 2008, we offer the very popular Pediatric Year in Review session. The topics and speakers are: neonatal respiratory distress syndrome, F. Sessions Cole (Washington University, St. Louis, MO);, the critically ill child, John Arnold (Harvard University, Boston MA), primary ciliary dyskinesia, Michael Knowles (University of North Carolina, Chapel Hill, NC), and pediatric interstitial lung disease, Robin Deterding, (University of Colorado, Denver, CO).

The equally popular Pediatric Chest Rounds are scheduled for Tuesday morning, May 20, 2008. The Chairs are Marilyn Woo (University of Southern California, Los Angeles, CA) and Phil Robinson (Royal Children's Hospital, Melbourne,

Australia). Case selection is underway. We encourage pediatric subspecialty fellows to present the cases for discussion by the faculty.

Thanks to the hard work of the moderators, the cases and presenters for Pediatric Chest Rounds are now set:

A 6-year-old male with acute respiratory distress syndrome.
Robinder G. Khemani MD, Pediatric Pulmonology Fellow Children's Hospital Los Angeles
Rayfel Schneider, Department of Paediatrics, University of Toronto

An 11 year-old male with cough and a viral prodrome.
Stacey Peterson-Carmichael, M.D. Pediatric Pulmonology Fellow University of North Carolina
Joshua P. Needleman, MD Keck School of Medicine, University of Southern California

Late-onset central hypoventilation syndrome in a 14-year-old girl.
Malena Cohen-Cymerknoh, Pediatric Pulmonology Fellow, Hadassah Medical Center
David Gozal, MD University of Louisville

Pulmonary alveolar proteinosis and lipoid pneumonia
Mustafa Osman, Clinical Fellow University of Toronto
Robin R. Deterding, MD University of Colorado School of Medicine

An adolescent with chronic cough and failure to thrive.

Antonia Popova, MD, Pediatric Pulmonary Fellow University of Michigan
Clement L. Ren, MD Division of Pediatric Pulmonology, University of Rochester

Please encourage your faculty and fellows to attend the Pediatric Assembly Meeting on Sunday May 18 from 6:30-8:30 at the Sheraton Centre Toronto.

ATS 2008 – Toronto Sessions Sponsored by the Assembly on Pediatrics

Postgraduate Courses

Friday, May 16, 2008

PG10 PEDIATRIC SLEEP AND BREATHING: WHAT IS THE LATEST? 8:00 AM - 4:00 PM

Saturday, May 17, 2008

PG24 RESPIRATORY AND NONRESPIRATORY CONSIDERATIONS IN CHILDREN AND ADOLESCENTS WITH NEUROMUSCULAR DISEASES (NMD) 8:00 AM - 4:00 PM

Symposia

Sunday, May 18, 2008

A6 CHILDHOOD BRONCHIECTASIS: VIEWS FROM AROUND THE WORLD 8:15 AM - 11:00 AM

Monday, May 19, 2008

B10 HOST/VIRUS INTERACTIONS IN THE DEVELOPING AIRWAY: CONDUCTING THE IMMUNOLOGICAL ORCHESTRA 8:15 AM - 11:00 AM

B81 PEDIATRICS YEAR IN REVIEW 1:30 PM - 4:15 PM

Tuesday, May 20, 2008

C3 PEDIATRIC CLINICAL CHEST ROUNDS 8:15 AM - 11:00 AM

C87 ADVANCES IN DIAGNOSIS AND MANAGEMENT OF RESPIRATORY FAILURE IN THE FULL-TERM NEONATE 1:30 PM - 4:15 PM

Wednesday, May 21, 2008

D7 PERSONALIZED MEDICINE: THE FUTURE OF ASTHMA CARE 8:15 AM - 11:00 AM

Evening Postgraduate Seminar

Sunday, May 18, 2008

E1 SETTING NEW STANDARDS IN THE MANAGEMENT OF TODAY'S CF PATIENT: IMPROVING LUNG FUNCTION, CONTROLLING INFECTION, AND ENHANCING DIGESTIVE CAPACITY 7:00 PM - 9:00 PM

Clinical Workshop

Monday, May 19, 2008

WS4 IMPLEMENTING INFANT AND YOUNG CHILD RESPIRATORY FUNCTION TESTING INTO CLINICAL PRACTICE 12:00 PM - 1:30 PM

Meet the Professors

Sunday, May 18, 2008

MP415 CONGENITAL DIAPHRAGMATIC HERNIA: WHAT IS NEW? 12:00 PM - 1:00 PM

Monday, May 19, 2008

MP514 EMERGING INFECTIONS IN CYSTIC FIBROSIS 12:00 PM - 1:00 PM

Tuesday, May 20, 2008

MP615 CLINICAL APPLICATIONS OF HRCT IMAGING IN INFANTS AND CHILDREN WITH RESPIRATORY DISEASE 12:00 PM - 1:00 PM

Sunrise Seminars

Monday, May 19, 2008

SS116 INTERSTITIAL LUNG DISEASE IN CHILDREN: RECOGNIZING RECENTLY DESCRIBED PATTERNS 7:00 AM - 8:00 AM

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Sunrise Seminars cont'd

Tuesday, May 20, 2008

SS215	SUPERSIZE MY ASTHMA: THE RELATIONSHIP BETWEEN OBESITY AND AIRWAY DISEASE IN CHILDREN	7:00 AM - 8:00 AM
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Wednesday, May 21, 2008

SS316	PREVENTION OF ASTHMA IN CHILDREN	7:00 AM - 8:00 AM
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Mini-Symposia

Sunday, May 18, 2008

A96	ORPHAN PEDIATRIC LUNG DISEASES	1:30 PM - 4:15 PM
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Monday, May 19, 2008

B17	BEST OF PEDIATRICS	8:15 AM - 11:00 AM
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Tuesday, May 20, 2008

C16	LONG TERM OUTCOME OF NEONATAL LUNG INJURY: BENCH TO BEDSIDE	8:15 AM - 11:00 AM
C98	IMAGING AND LUNG FUNCTION STUDIES FOR ASSESSING AIRWAY DISEASE IN CYSTIC FIBROSIS	1:30 PM - 4:15 PM

Wednesday, May 21, 2008

D17	SLEEP AND BREATHING IN CHILDREN	8:15 AM - 11:00 AM
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Poster Discussions

Sunday, May 18, 2008

A28	APPLIED PEDIATRIC RESPIRATORY PHYSIOLOGY AND PULMONARY FUNCTION MEASURES	8:15 AM - 11:00 AM
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A105	PULMONARY COMPLICATIONS OF SICKLE CELL DISEASE	1:30 PM - 4:15 PM
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Monday, May 19, 2008

B27	LUNG GROWTH AND ALVEOLARIZATION	8:15 AM - 11:00 AM
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Tuesday, May 20, 2008

C106	ADVANCES IN CILIA BIOLOGY, MUCOCILIARY CLEARANCE AND CILIOPATHIES	1:30 PM - 4:15 PM
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Wednesday, May 21, 2008

D107	BIOMARKERS FOR PEDIATRIC ASTHMA AND ATOPY	1:30 PM - 4:15 PM
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Thematic Posters

Sunday, May 18, 2008

A63	PEDIATRIC ASTHMA: ATOPY AND AIRWAY INFLAMMATION	8:15 AM - 4:15 PM
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A64	VIRAL INFECTIONS AND WHEEZING	8:15 AM - 4:15 PM
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Monday, May 19, 2008

B60	NEONATAL LUNG DISEASE: CLINICAL AND ANIMAL STUDIES	8:15 AM - 4:15 PM
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B61	NEONATAL LUNG DISEASE: BASIC AND TRANSLATIONAL SCIENCE	8:15 AM - 4:15 PM
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B62	CYSTIC FIBROSIS: CLINICAL AND BASIC STUDIES	8:15 AM - 4:15 PM
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B63	CYSTIC FIBROSIS: AIRWAY INFECTION AND INFLAMMATION	8:15 AM - 4:15 PM
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Tuesday, May 20, 2008

C58	PEDIATRIC LUNG DISEASES: MISCELLANEOUS	8:15 AM - 4:15 PM
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Thematic Posters cont'd

Tuesday, May 20, 2008

C59	PEDIATRIC SLEEP AND CONTROL OF BREATHING	8:15 AM – 4:15 PM
C60	PEDIATRIC ASTHMA: CLINICAL STUDIES	8:15 AM – 4:15 PM
C61	PEDIATRIC ASTHMA: EPIDEMIOLOGY	8:15 AM – 4:15 PM

Report from the Pediatric Assembly Planning Committee

Howard B. Panitch, MD, Chair

Dr. Howard Panitch chaired the Projects Committee for the past two years. This year, three projects were approved.

1. Working Group on Infant and Young Children Pulmonary Function Testing, PI Marcus Jones.

2. Central Hypoventilation Syndrome: Translational/Transitional Medicine Prototype, PI Debra Weese-Mayer.

3. Novel Research Opportunities in Cystic Fibrosis Clinical Research using Existing Databases,

PI Christopher Goss/Pamela Zeitlin.

Dr. Clement Ren assumes the Chair of this committee at ATS 2008. The committee will meet on Monday May 19, 6:45-8:15 AM at the Sheraton Centre Toronto.

Please consider submitting an Assembly/Committee Project Application for funding in FY2009!

This year for the first time there will be an **Online Application Process** using an electronic grants submission process 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 www.thoracic.org along with new comprehensive instructions that have been designed to correspond with the numbered fields within 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 Clement Ren at clement_ren@urmc.rochester.edu

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

Patients to Speak at Fourteen Designated ATS International Conference Symposia

The ATS Public Advisory Roundtable (ATS PAR) has selected patients to provide a patient perspective at fourteen symposia at the 2008 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposium for the last six years and at an increasing number of sessions at the 2004, 2005, 2006 and 2007 International Conferences.

This is the fifth 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; to address their 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:

Patients to Speak at Fourteen Designated ATS International Conference Symposia cont'd

ASSEMBLY	SESSION CODE	TITLE	DATE/TIME
BS	A7	Obesity and it's Impact on Lung Health Across the Lifespan	Sunday, May 18 8:15-11:00 am
CP	A82	COPD Exacerbations: Epidemiology, Prevention and Treatment	Sunday, May 18 1:30-4:15 pm
RNS	A85	Sleep Medicine Grand Rounds	Sunday, May 18 1:30-4:15 pm
Joint CP-RCMB-RSF	A90	Lung Cancer Translational Research: Integrating Innovations for Diagnosis and Treatment	Sunday, May 18 1:30-4:15 pm
CP	B2	IPF: Issues in Management from Diagnosis to Transplant	Monday, May 19 8:15-11:00 am
NRSR	B9	Pulmonary Rehabilitation: Different Settings for Different Needs	Monday, May 19 8:15-11:00 am
PC	B88	Novel Therapeutic Targets for Reverse Remodeling Pulmonary Arterial Hypertension: From Bench to Bedside	Monday, May 19 1:30-4:15 pm
Joint BS-AII-CC	B89	Status Asthmaticus	Monday, May 19 1:30-4:15 pm
RNS	C10	Sleep Apnea as a Mechanism of Atherosclerosis: From Bench to Bedside	Tuesday, May 20 8:15-11:00 am
EOH	C86	Candidate Interactions for Asthma and COPD	Tuesday, May 20 1:30-4:15 pm
RNS	D6	Finding a Home for Portable Monitor Testing in Sleep Apnea	Wednesday, May 21 8:15-11:00 am
PED	D7	Personalized Medicine: The Future of Asthma Care	Wednesday, May 21 8:15-11:00 am
CP	D82	Living to Adulthood with Cystic Fibrosis: Current Concepts in Disease Management	Wednesday, May 21 1:30-4:15 pm
BS	D85	Asthma Severity vs. Asthma Control: What Should we Use in Clinical Practice? A Pro/Con Debate	Wednesday, May 21 1:30-4:15 pm

ATS PAR Symposium

The ATS Public Advisory Roundtable (PAR) is pleased to announce the seventh ATS PAR Symposium to be presented at the ATS International Conference in Toronto on Tuesday, May 20th from 8:15-11:00 a.m. The topic will be "Rebuilding the Pulmonary Patient - From Laboratory to Lifestyle" chaired by

John E. Heffner, MD and Donna J. Appell, RN. The program includes the following:

- ◆ Reevaluation, Rehabilitation and Resiliency: An Alpha-1 Patient's Journey from Diagnosis and Lung Transplant to Today -Len Geiger,
- ◆ Jacksonville, FL
- ◆ Cellular and Molecular Strategies for Rebuilding the Lungs of the Pulmonary Patient - Dan Weiss, MD, Burlington, VT
- ◆ The Role of Inflammation as a Limiting Factor in Pulmonary Rehabilitation

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ATS PAR Symposium

(Continued from page 6)

- ♦ tation - Annemie Schols, MD, Maastricht, The Netherlands
 - ♦ Targeting Skeletal Muscles in Pulmonary Rehabilitation” - Francois Maltais, MD, Ancienne-Lorette, QC Canada
 - ♦ Strategies for Post-Hospital Rehabilitation After Critical Illness - Margaret Herridge, MD Toronto, ON Canada
 - ♦ Benefits of Pulmonary Rehabilitation on the Critical Care Patient: My Top 10 List" - Dee Storey, Saginaw, MI
 - ♦ The New Evidence Base for Rehabilitation in Chronic Respiratory Disease - Andrew Ries, MD, San Diego, CA
 - ♦ Putting the Patient in Charge: the Benefits of Self-Management Education- Jean Bourbeau, MD, Montreal, QC Canada
 - ♦ Disease Modification Strategies in Chronic Lung Disease: Implications for Pulmonary Rehabilitation - Bartolome Celli, MD, Wellesley, MA
- The ATS PAR Annual Poster Session will be open from Sunday, May 18 until

Tuesday, May 20, 2008 in the Exhibit Hall of the Metro Toronto 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 Public Advisory Roundtable's Second Annual

Breathing Better with the ATS Forum

This is a forum at which patients will have the unique opportunity to network and learn more about their disease. This year the panelists will focus on pulmonary rehabilitation and its benefits.

Panel Includes:

Roger S. Goldstein, MD
Richard ZuWallack, MD
Suzanne C. Lareau, RN, MS, FAAN
Len Geiger

If you have any patients in the Toronto area, please encourage them to attend. They will have an opportunity to hear from and network with other patients and experts in the pulmonary community.

May 17th, 2008, 1:00 p.m. - 4:00 p.m.

The Sheraton Centre Toronto Hotel located at 123 Queen Street West Toronto, Canada

RSVP by: April 30th, 2008 by emailing par@thoracic.org or call

Karen Belgiovine at (212) 315-8640

Fellows Get First Year of ATS Membership for Free!

ATS is offering a free year of ATS membership to all first-year pulmonology, critical care, sleep fellows and post-doctoral PhD fellows! This special program is intended to welcome fellows to the ATS community. The Society would like these junior entrants to the fields of respiratory medicine to take advantage of the benefits of membership and look to ATS as their professional home for post graduate and continuing medical education, networking on a global scale, and for helping them to serve the needs of patients and the public at large.

Today's fellows will be the research and clinical professionals who will achieve the next major advancement in the science and treatment of pulmonary disease, critical illness and sleep disorders critical to advancing science and practice of the fields.

To learn more about this newly launched program, send an e-mail to fellows@thoracic.org or visit the ATS Web site at www.thoracic.org and click "Free Year for Fellows" under the Membership drop down menu. Program directors are encouraged to share this information with their fellows and other colleagues.



PEDIATRICS ASSEMBLY MEMBERSHIP MEETING

SUNDAY MAY 18TH 6:30PM-8:30 PM
SHERATON CENTRE TORONTO HOTEL
DOMINION BALLROOM N (2ND FLOOR)