Message From the Assembly Chairman

Mary J. Morrell, PhD

I am delighted to have this opportunity to update you on what has been a busy, and I hope you will agree innovative, year for the SRN Assembly.

I took over the job of Assembly Chair from Safwan Badr at the end of the 2007 Conference and it is worth reflecting on what a great job he and John Kimoff have done over the past 4 years. We now have the endowed James B Skatrud New Investigator Award, James Rowley and Evelyn Schlenker have set up the sleep fragments and last year the ATS made Sleep one of its three pillars, including it in the new tag line:

Build it and they will come: This year our Assembly meeting will be followed by an Assembly Reception with a bar and hors d’oeuvre. During the Reception the recipient of the James B Skatrud New Investigator Award will give a brief presentation, and we will also have Dr. Allan Pack as our guest speaker who will discuss “The Future of Academic Sleep Medicine”. This new format has been proposed to encourage junior investigators to attend the reception. I would urge you all to attend, relax at the end of the meeting, enjoy catching up with colleagues, and give us your feedback.

Basic, clinical and Translational Research: Geraldo Lorenzi Filho and James Rowley have done a great job getting more sleep research than ever before onto the International Conference this year, including Sleep Grand Rounds. We have also been given an extra symposium and two post graduate courses thanks to strong support on the Educational Committee from Atul Malhotra.

Looking forward I believe the challenge for our Assembly is how to build on this success, in order to attract and promote the RNS clinicians and scientists of the future.

With this in mind the RNS Executive Committee have developed some new indicatives that we hope you will enjoy at the International Conference in May. Put simply and in no particular order:

The ATS approved our name change at the March Board meeting. The new name: Sleep and Respiratory Neurobiology (SRN) was proposed to promote the Sleep aspect of our assembly, while still embracing the respiratory neurobiology. Thank you to all who voted on this issue.

In addition to our Assembly initiatives the ATS Executive have also set up a Pills Task Force. This will be chaired by Safwan Badr charged with reviewing the representation of Sleep and Critical Care within the ATS.

I hope you will agree we have moved forward in many areas, but there is always some way to go. This year Edward Abraham will be addressing our Assembly Meeting on the presence of Sleep in the AJRCCM. Please come along to the meeting and give us your views, get involved and make a difference.

I look forward to meeting you in Toronto.
Message From the Planning Chair
Richard J. Schwab, MD

Richard Schwab and the Planning committee have done a great job overseeing the development of our Assembly. Their efforts have resulted in two funded RNS Assembly Projects for 2008:

1) Examining outcomes in patients with sleep apnea with a particular emphasis on CPAP tracking systems (Chairman: Richard Schwab, Pat Strollo)

2) Update on the ATS recommendations for driving in patients with sleep apnea (Chairman: Kingman Strohl, Richard Schwab).

We will have an update of these projects at the Assembly Meeting on Monday. If you have a good idea for an SRN assembly project please come along to the meeting or contact Rich. Details of how to apply can be found on the ATS website.

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 Richard J. Schwab at rschwab@mail.upenn.edu.

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

Message from the Program Chair
Geraldo Lorenzi-Filho, M.D

James Rowley (SRN Program Chair Elect) and I have put together what we hope you will agree is a very exciting and comprehensive Sleep Program for this year’s International Conference. The program includes both a basic/translational track and a clinical track with 5 major sleep symposia.

Highlights of Basic/Translational sleep track include symposia on Oxygen and the Biology of hypoxia; Sleep Apnea and Atherosclerosis and Sleep Apnea Pathogenesis. For those delegates more interested in clinical/research aspects of Sleep, there will be a symposium in the format of Grand Rounds that will cover sleep medicine beyond sleep apnea. This is the first time we have tried this format and we would welcome your feedback.

Keeping our International Program at the leading edge of scientific research is very important, and this year we will we have included a 5th Symposium that will cover a timely issue: The role of portable monitoring in the care of patients with sleep apnea. How do we use it, how do we evaluate its use, what research studies are needed? Please come along and share your ideas with the leaders in the field.
ATS 2008 – Toronto Sessions Sponsored by the Assembly on Sleep & Respiratory Neurobiology

Postgraduate Courses

Friday, May 16, 2008
PG13 CARDIOVASCULAR CONSEQUENCES OF SLEEP-DISORDERED BREATHING 8:00 AM - 4:00 PM

Saturday, May 17, 2008
PG28 CONTROVERSIES IN THE DIAGNOSIS AND MANAGEMENT OF OBSTRUCTIVE SLEEP APNEA 8:00 AM - 4:00 PM

Symposia

Sunday, May 18, 2008
A85 SLEEP MEDICINE GRAND ROUNDS 1:30 PM - 4:15 PM

Tuesday, May 20, 2008
C10 SLEEP APNEA AS A MECHANISM OF ATHEROSCLEROSIS: FROM BENCH TO BEDSIDE 8:15 AM - 11:00 AM
C90 SLEEP APNEA PATHOGENESIS: BENCH TO BEDSIDE 1:30 PM - 4:15 PM

Wednesday, May 21, 2008
D6 FINDING A HOME FOR PORTABLE MONITOR TESTING IN SLEEP APNEA 8:15 AM - 11:00 AM

Meet the Professors

Sunday, May 18, 2008
MP419 WHEN CPAP FAILS: ALTERNATIVE TREATMENTS OF OSA 12:00 PM - 1:00 PM

Monday, May 19, 2008
MP518 UNATTENDED RECORDING IN THE MANAGEMENT OF SLEEP DISORDERED BREATHING 12:00 PM - 1:00 PM

Tuesday, May 20, 2008
MP618 SLEEP AND HEART FAILURE: HOW SHOULD PATIENTS BE MANAGED? 12:00 PM - 1:00 PM

Sunrise Seminars

Monday, May 19, 2008
SS119 OBSTRUCTIVE SLEEP APNEA AND SLEEP CURTAILMENT: NOVEL RISK FACTORS FOR TYPE 2 DIABETES/GLUCOSE INTOLERANCE 7:00 AM - 8:00 AM

Tuesday, May 20, 2008
SS219 CPAP THERAPY FOR SLEEP APNEA: STATE OF THE ART 7:00 AM - 8:00 AM

Wednesday, May 21, 2008
SS319 INITIAL ASSESSMENT OF THE PATIENT IN A SLEEP DISORDERS PRACTICE: WHAT THE PULMONOLOGIST SHOULD KNOW 7:00 AM - 8:00 AM

Mini-Symposia

Sunday, May 18, 2008
A18 THE UPPER AIRWAY: MODELS, IMAGING AND COLLAPSIBILITY 8:15 AM - 11:00 AM

Monday, May 19, 2008
B18 OBSTRUCTIVE SLEEP APNEA AND CARDIOVASCULAR OUTCOMES: A TRANSLATIONAL APPROACH 8:15 AM - 11:00 AM
ATS 2008 – Toronto Sessions Sponsored by the Assembly on Sleep & Respiratory Neurobiology

Mini-Symposia cont’d

Monday, May 19, 2008
B97 METABOLIC AND INFLAMMATORY CONSEQUENCES OF SLEEP-DISORDERED BREATHING 1:30 PM – 4:15 PM

Wednesday, May 21, 2008
D97 CONTROL OF BREATHING: ANIMALS TO HUMANS 1:30 PM – 4:00 PM

Poster Discussions

Monday, May 19, 2008
A107 ANIMAL MODELS FOR CONSEQUENCES OF HYPOXIA AND SLEEP APNEA 1:30 PM – 4:15 PM

Tuesday, May 20, 2008
C28 NEURAL CONTROL OF THE UPPER AIRWAY AND BREATHING 8:15 AM – 11:00 AM
C108 CLINICAL SLEEP-DISORDERED BREATHING: MANAGEMENT AND OUTCOMES 1:30 PM – 4:15 PM

Wednesday, May 21, 2008
D28 NEUROENDOCRINE AND CARDIOVASCULAR ASPECTS OF SLEEP-DISORDERED BREATHING 8:15 AM – 11:00 AM

Thematic Posters

Sunday, May 18, 2008
A67 SLEEP-DISORDERED BREATHING: DIAGNOSIS 8:15 AM – 4:15 PM
A68 SLEEP APNEA: FROM GENETICS TO EPIDEMIOLOGY 8:15 AM – 4:15 PM

Monday, May 19, 2008
B67 CARDIOVASCULAR CONSEQUENCES OF SLEEP-DISORDERED BREATHING 8:15 AM – 4:15 PM
B68 SLEEP DURATION, SLEEP PHYSIOLOGY AND SLEEP APNEA 8:15 AM – 4:15 PM

Tuesday, May 20, 2008
C66 NEURAL CONTROL OF BREATHING: DYSPNEA AND VENTILATION 8:15 AM – 4:15 PM

Wednesday, May 21, 2008
D47 SLEEP IN SPECIAL CONDITIONS, INCLUDING MECHANICAL VENTILATION AND RENAL FAILURE 8:15 AM – 4:15 PM
D48 SLEEP-DISORDERED BREATHING: MANAGEMENT AND OUTCOMES 8:15 AM – 4:15 PM

SRN Web Update
James A. Rowley, MD, Evelyn Schlenker, MD, Co-Chairs

Sleep Fragments
The RNS Sleep Fragments feature has continued this year and we now have an interesting library of cases, each with educational notes. Don’t forget to check it out at: http://www.thoracic.org/sections/education/sleep-fragments/index.html. The fragments increase visibility of the sleep community on the ATS website. If you have an interesting fragment to contribute, please contact Dr. James Rowley.

Journal Watch
Our Journal Watch also continues, Dr. Evelyn Schlenker has contributed several additional basic science articles to the Journal Watch, and Dr. James Rowley contributed a case of narcolepsy and obstructive sleep apnea to the ATS Case of the Month series.

We have links
SRN Website now has a links page; if you have a webpage that you would like linked to the SRN Website, please contact our web wiz Dr. James Rowley.
The James B. Skatrud New Investigator Award

One year on for our 1st awardee Dr Malcolm Kohler, Oxford, UK

It has been almost a year since the first James B Skatrud New Investigator Award was presented to Dr Malcolm Kohler, Oxford, UK, and therefore we have taken this opportunity to let the Assembly members know about his career progress in sleep and respiratory neurobiology research. Malcolm has successfully completed his research fellowship with our sister society the European Respiratory Society (ERS) and has been accepted as a member of the Association of ERS Fellows. He has also been invited to serve as a member of the program committee of the RNS Assembly of the ATS and to be a facilitator at this year’s international conference in Toronto where he will present his latest research on the effects of CPAP on measures of cardiovascular risk and systemic inflammation in patients with OSA, and on disability and survival of patients with Duchenne muscular dystrophy. He is co-author of various other research projects presented at this conference including studies on the effects of CPAP on heart rhythm disturbances, physical activity and health related quality of life.

Malcolm states that since he received the James B Skatrud New Investigator Award he is now regularly invited as a reviewer from the leading journals in the field and as a speaker to national and international conferences. Malcolm looks forward to meeting members of the RNS Assembly at this year’s International Conference in Toronto.

How do I apply?

The RNS James B Skatrud New Investigator Award is intended to recognize the career accomplishments to date and future promise of a new investigator working in the broad area of respiratory neurobiology and sleep, which includes control of breathing, sleep mechanisms and sleep-disordered breathing. This may include work at the basic, clinical, epidemiological or other levels.

There are no citizenship requirements for these awards and the nominee is not required to be an ATS member. However, nominations for this Award must be submitted by an ATS member (from any Assembly). The nominee cannot currently be serving on the Planning or Executive Committee of any ATS Assembly.

The nomination should be accompanied by an updated version of the candidate’s Curriculum Vitae, a statement by the candidate of his/her career goals and the potential of his/her research to advance the field of sleep and respiratory neurobiology (maximum 1/2 page).

The submissions will be evaluated and ranked by the RNS Assembly Executive and Planning Committees, and the awardee will be announced at the RNS Assembly Meeting at the International Conference. The awardee will be asked to make a short presentation about their research after the RNS Assembly at the Meeting International Conference. The criteria for evaluation include: quality of science; innovation; significance of the science; career accomplishments to date in the field; leadership potential; and strength of the nominating letter.

Submissions should be made electronically to: rns@thoracic.org (subject line should read ‘RNS New Investigator Award’). For more details about the submission process and deadlines please go to the RNS Assembly website at: http://www.thoracic.org/sections/about-ats/assemblies/rns/awards.html

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 Symposium. 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

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

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 – Anemie Schols, MD, Maastricht, The Netherlands
- Targeting Skeletal Muscles in Pulmo-

(Continued on page 7)
ATS PAR Symposium

(Continued from page 6)

♦ 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.

SLEEP & RESPIRATORY NEUROBIOLOGY ASSEMBLY MEMBERSHIP MEETING

MONDAY MAY 19TH 4:30-6:30 PM
SHERATON CENTRE TORONTO HOTEL
CIVIC BALLROOM SOUTH (2ND FLOOR)
SLEEP & RESPIRATORY NEUROBIOLOGY
ASSEMBLY RECEPTION

MONDAY MAY 19TH 6:30 PM
SHERATON CENTRE TORONTO HOTEL
CIVIC BALLROOM NORTH (2ND FLOOR)

Our guest speaker will be Allan Pack, MD, PhD who will discuss “The Future of Academic Sleep Medicine”

All welcome, no pre-registration required

The reception is supported by grants from
Respironics Sleep and Respiratory Research Foundation
Professional Respiratory Home Care Services Corp.
Shoppers Home Health Care
Covidien
Advacare, Inc.
Sleep Management Group
Medigas