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Critical Care

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MESSAGE FROM THE ASSEMBLY CHAIR

The Critical Care Assembly is now the largest assembly in the ATS!

This is encouraging news as it indicates that Critical Care is growing in influence and emphasis within the larger organization. This is appropriate given the rapidly evolving needs of the field. A faster pace of scientific advances in sepsis, ARDS, trauma, survivorship, organization of critical care, and quality improvement are necessary, and the ATS remains an international forum to facilitate that goal. Continue to encourage your colleagues to join the ATS and get involved with the Critical Care Assembly.



Shannon Carson, MD

New ATS Secretary

Congratulations to Dr. Marc Moss who has been elected by the membership of the American Thoracic Society as the next Secretary for the ATS. Dr. Moss will serve on the Executive Committee for 5 years and serve as the President of the ATS in 2018. We are proud that Dr. Moss has been an active member of the Critical Care Assembly, and we are pleased to have a representative on the Executive Committee who has firsthand knowledge of the issues and challenges facing clinicians, researchers, and educators in the field of critical care medicine.

Assembly Working Groups

The increasing size of the Critical Care Assembly provides new challenges, specifically related to opportunities for direct involvement. The assembly executive committee is encouraging assembly members to form Working Groups within the assembly as one means to get members more involved. The goals of working groups are to identify learning gaps in specific disease categories, assess assembly membership needs, and develop assembly project proposals. The ATS provides meeting space at the International Conference to organize and work on projects. Carolyn Calfee will start the first working group on Women in Critical Care. If anyone else is interested in starting a working group, please contact Shannon Carson (scarson@med.unc.edu).

The Critical Care Clinical Website

The Critical Care Clinical Website serves as an educational resource for our assembly members. Nitin Seam and his committee are excited to launch a new Critical Care Quick Hits section in April. Since critical care ultrasound and ventilator waveform interpretation are important parts of critical care training and practice, we started this section as a resource in this training. The section utilizes pictures or video clips of ultrasound images or ventilator waveforms to present clinical cases and teach the reader specific findings from ultrasound or waveforms that impact patient care. Please click or copy the link to review this section for yourself: <http://www.thoracic.org/clinical/critical-care/clinical-education/quick-hits/index.php>

The Online Journal Club is a live interactive web-based review of important critical care papers that provides Critical Case Assembly members the opportunity to sit in on a virtual journal club as well as ask questions about the paper to study authors. If you cannot attend the live journal club, it is later archived for Assembly members to view at their convenience. In the last few months, we have had three interesting online journal clubs in the fields of pediatric critical care medicine, translational science and general critical care.

In addition, our clinical education section provides expert reviews of the management of refractory ARDS, hemodynamic monitoring in the critically ill and ventilator waveform interpretation and analysis.

Finally, the Critical Care Clinical Website links to our ATS journals site, where podcasts discussing recent publications in the Blue Journal are archived. Many of these discussions are related to articles in the field of critical care medicine.

The Young Academicians Committee (YAC)

The YAC of the Critical Care Assembly, chaired by Tim Watkins, promotes and encourages the recruitment, engagement, and active involvement of junior faculty as well as members in transition and training with the Critical Care Assembly. This includes aid in the identification of these members, highlighting junior members with substantial accomplishments relative to the CC Assembly/ATS mission, and assistance in the placement of junior faculty in the ATS International Conference program. Several approaches are currently underway to facilitate these processes. Benchmarks for 2014-2015 include:

- Continue to promote the recognition and involvement of assembly members who represent junior faculty in ATS activities including the International Conference.
- Work with leadership of the assembly to promote an ATS CC Assembly Ambassador Program for new, junior members of the CCA.
- Establish new outreach and collaboration with similar young academician groups, such as those in the EISCM
- Maintain an active list / directory of young members to assist leadership of the CCA in ATS conference involvement

Finally, the YAC has sponsored a postgraduate course for the International Conference entitled Translational Research Training for the Early Investigator: A Practical Skills Workshop. There is still time to enroll for this outstanding course.

Update from Planning Committee

In 2013, the Critical Care Assembly Planning Committee, chaired by Carolyn Calfee, reviewed and evaluated ongoing assembly projects as well as several proposals for new assembly projects. In addition to the ongoing development of a Clinical Practice Guideline on Mechanical Ventilation in ARDS (primarily sponsored by the CC Assembly) and four ongoing projects for which the CC Assembly is a secondary sponsor, one new project primarily sponsored by the Assembly was selected for funding by the ATS. This project is led by Meeta Kerlin, MD and is entitled "Organizational Factors associated with ICU Outcomes: A Systematic Review." Organization is ongoing for development of a clinical practice guideline on Weaning from Mechanical Ventilation. In Spring 2014, the committee will review the list of ongoing projects as well as existing ATS documents related to critical care in order to identify gaps in the critical care-relevant portfolio to prioritize areas for future document development.

See the announcement below for information on how to submit an application for Assembly Projects for 2015.

Submit an Assembly/Committee Project Application for funding in FY2015!

We are happy to announce that ATS will once again accept NEW Assembly/Committee Projects for FY2015. 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 Carolyn S. Calfee, MD at carolyn.calfee@ucsf.edu

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

ATS Foundation Research Grant for Critical Care

The ATS Foundation has consistently been meeting fundraising goals, which has enabled them to increase funding for young investigators. This year, in addition to other established grants, an unrestricted grant was established for Critical Care. This year's awardee is Dr. Ednan Bajwa for a project entitled "Use of Soluble ST2 as a Diagnostic Biomarker for Acute Lung Injury". Congratulations to Dr. Bajwa, and thank you to all of the assembly members who contributed to the ATS Foundation. Please remember to contribute to the ATS Foundation this year to make sure that our contribution reflects the size of our assembly and the importance of our clinical issues. Designate either 'Research' or the 'Critical Assembly' to continue support for critical care research and projects. Every dollar contributed to the ATS Foundation goes directly to funded programs including research.

ATS 2014 - San Diego

Sessions Sponsored by the Assembly on Critical Care

Session Code	Session Title	Session Time	
Postgraduate Courses			
Friday, May 16, 2014			
PG2	INCORPORATING ULTRASOUND AND ECHOCARDIOGRAPHY INTO ICU PRACTICE	8:00 AM	4:00 PM
PG3	ICU MONITORING: BEDSIDE PHYSIOLOGY TO CLINICAL DATA	8:00 AM	4:00 PM
Workshop Sessions			
Sunday, May 18, 2014			
WS1	CLINICAL IMPACT OF POINT OF CARE ULTRASONOGRAPHY IN CRITICALLY ILL PATIENTS	11:30 AM	1:00 PM
Scientific Symposium			
Sunday, May 18, 2014			
A4	THE IMPACT OF GOVERNMENT REGULATION ON MEDICINE: A REPORT CARD	8:15 AM	10:45 AM
A84	ARDS 2024: LOOKING TO THE NEXT DECADE	2:00 PM	4:30 PM
Monday, May 19, 2014			
B4	BUILDING BRIDGES NOT WALLS: CRITICAL CARE OUTSIDE THE ICU	8:15 AM	10:45 AM
Tuesday, May 20, 2014			
C4	AT THE EDGE OF EVIDENCE: PRACTICING CRITICAL CARE IN THE REAL	8:15 AM	10:45 AM
C84	TIME 0 TO 6 HOURS: REVISITING THE GOLDEN HOURS	2:00 PM	4:30 PM
Wednesday, May 21, 2014			
D4	THE CRISIS IN MULTI-DRUG RESISTANT BACTERIAL PNEUMONIA	8:15 AM	10:45 AM
D84	PATIENT-POWERED RECOVERY: A NOVEL FOCUS FOR THE ICU PRACTITIONER	2:00 PM	4:30 PM
D89	HOW TO IDENTIFY PATIENTS WHO WILL BENEFIT FROM ICU ADMISSION	2:00 PM	4:30 PM
Jointly-Developed Symposium			
Sunday, May 18, 2014			
A11	INFLUENZA VIRUS PNEUMONIA: VIRUS-HOST INTERACTIONS, DETERMINANTS OF LUNG PATHOGENICITY, AND CLINICAL ASPECTS	8:15 AM	10:45 AM
Monday, May 19, 2014			
B90	RED, WHITE, AND BLOOD: THE HEME-PULMONARY CIRCULATION AXIS OF INFLAMMATION, INJURY, AND HEMOLYSIS	2:00 PM	4:30 PM
Tuesday, May 20, 2014			
C11	THE NEW VETERANS: CARE NEEDS AND LESSONS LEARNED	8:15 AM	10:45 AM
C91	SCIENTIFIC ADVANCES IN EARLY REHABILITATION FOR OUR SICKEST PATIENTS	2:00 PM	4:30 PM

Session Code	Session Title	Session Time	
Sunrise Seminars			
Monday, May 19, 2014			
SS110	LEVERAGING TECHNOLOGY: TEACHING CRITICAL CARE TO GENERATION Z LEARNERS	7:00 AM	8:00 AM
Tuesday, May 20, 2014			
SS210	THERAPEUTIC HYPOTHERMIA: WHO NEEDS IT AND HOW DO WE DO IT?	7:00 AM	8:00 AM
Wednesday, May 21, 2014			
SS311	AIRWAY MANAGEMENT IN THE ICU: MORE THAN JUST PUTTING A TUBE IN	7:00 AM	8:00 AM
Meet The Professor Seminars			
Monday, May 19, 2014			
MP506	NEUROLOGIC DISASTERS IN THE ICU	12:00 PM	1:00 PM
Tuesday, May 20, 2014			
MP606	PRONE POSITIONING ARDS PATIENTS	12:00 PM	1:00 PM
MP607	LONG TERM MANAGEMENT OF PATIENTS AFTER TRACHEOSTOMY	12:00 PM	1:00 PM
Mini-Symposium			
Sunday, May 18, 2014			
A96	SEPSIS	2:00 PM	4:30 PM
Monday, May 19, 2014			
B94	PREDICTIONS AND OUTCOMES IN THE ICU	2:00 PM	4:30 PM
Tuesday, May 20, 2014			
C15	CENTRAL NERVOUS SYSTEM AND MOTOR IMPAIRMENT IN CRITICAL ILLNESS	8:15 AM	10:45 AM
C95	WHAT'S NEW IN ACUTE RESPIRATORY DISTRESS SYNDROME	2:00 PM	4:30 PM
Wednesday, May 21, 2014			
D14	NEW INSIGHTS INTO MECHANICAL VENTILATION	8:15 AM	10:45 AM
Poster Discussion Sessions			
Sunday, May 18, 2014			
A24	END OF LIFE AND STRESSORS IN THE ICU	8:15 AM	10:45 AM
A25	LUNG INJURY: MARKERS AND OUTCOMES	8:15 AM	10:45 AM
A26	MECHANICAL VENTILATION: PHYSIOLOGY AND OUTCOMES	8:15 AM	10:45 AM
Monday, May 19, 2014			
B23	CLINICAL TRIALS AND OUTCOMES	8:15 AM	10:45 AM
B105	SEPSIS: CARE MODELS AND OUTCOMES	2:00 PM	4:30 PM
Wednesday, May 21, 2014			
D24	FLUID RESUSCITATION AND TRANSFUSIONS	8:15 AM	10:45 AM
D105	NOVEL APPROACHES AND UNUSUAL COMPLICATIONS IN THE ICU	2:00 PM	4:30 PM
D106	RARE AND ILLUSTRATIVE ICU INFECTIONS AND EXPOSURES	2:00 PM	4:30 PM

Session Code	Session Title	Session Time	
Thematic Poster Sessions			
Sunday, May 18, 2014			
A46	ACUTE RESPIRATORY FAILURE	8:15 AM	4:30 PM
A47	CRITICAL ILLNESS: NOVEL MOLECULES AND MODELS	8:15 AM	4:30 PM
Monday, May 19, 2014			
B47	ACUTE RESPIRATORY DISTRESS SYNDROME	8:15 AM	4:30 PM
B48	SEPSIS AND PNEUMONIA: TREATMENT AND OUTCOMES	8:15 AM	4:30 PM
Tuesday, May 20, 2014			
C42	CLINICAL TRIALS	8:15 AM	4:30 PM
C43	CRITICAL CARE: NEW CARE APPROACHES	8:15 AM	4:30 PM
C44	CRITICAL ILLNESS PREDICTORS AND OUTCOMES	8:15 AM	4:30 PM
C45	MECHANICAL VENTILATION	8:15 AM	4:30 PM
Wednesday, May 21, 2014			
D47	CASE VIGNETTES IN CRITICAL CARE I	8:15 AM	4:30 PM
D48	CASE VIGNETTES IN CRITICAL CARE II	8:15 AM	4:30 PM
D49	UTILITY OF DIAGNOSTIC TOOLS IN THE ICU	8:15 AM	4:30 PM

2014 Assembly Membership Meeting and Reception Dinner

We look forward to seeing everyone at the International Conference in San Diego. The Program Committee, led by John Kress and Duncan Hite, has arranged another outstanding program for critical care topics. Remember also to attend the Assembly Membership meeting at the Manchester Grand Hyatt San Diego – Seaport Ballroom AB (Second Floor) from 5:00 to 7:00 on Monday May 19. The first 30 minutes will be devoted to refreshments and networking, and all business and updates will be concluded by 7:00.

Please sign up for the Assembly Reception to follow immediately at 7:00 in the Hyatt Seaport Ballroom C, also on the second floor. The format of the dinner will change this year to be a reception and buffet format. This will facilitate more socializing and networking, and more members will be able to attend. At 8:00, the awardee for the 2014 ATS Assembly on Critical Care 6th Annual Lifetime Achievement Award will give a keynote address. Members are free afterwards to continue socializing or attend other functions. Remember that one must sign up for the Reception Dinner at: <https://www.xpressreg.net/register/THOR054/start.asp>

My apologies for the length of the newsletter, but clearly, much is going on. Please contact me with any questions (scarson@med.unc.edu)

Shannon S. Carson, MD
Chair, Critical Care Assembly

***Assembly on
Critical Care
Membership Meeting***

***Monday, May 19th
5:00-7:00 PM***

Manchester Grand Hyatt San Diego

***Seaport Ballroom AB
Second Floor***

***Assembly on
Critical Care
Reception***

***Monday, May 19th
7:00pm-10:00pm***

Manchester Grand Hyatt San Diego

***Seaport Ballroom C
Second Floor***

Please join us in honoring William W. Busse, MD, during ATS 2014 in San Diego on Saturday, May 17, at 7 p.m., at the Sixth Annual American Thoracic Society Foundation Research Program Benefit.



His impassioned advocacy and generosity towards the ATS Foundation Research Program has given promising young investigators in pulmonary, critical care, and sleep medicine a "lifeline" at a crucial moment in their careers. Because Dr. Busse's clinical and research interests are central to both the ATS and the AAAAI, the Foundation invites friends and colleagues in both organizations to celebrate his remarkable dedication to helping patients.

There are several ways you may pay tribute to Dr. Busse:

- If you are planning to attend ATS 2014, please register for the Benefit at <http://www.thoracic.org/go/benefit>.
- If you are unable to attend the Benefit but wish to place an ad or make a donation to the Research Program in honor of Dr. Busse, please visit <http://www.thoracic.org/go/benefitcontributions>.

For more information, contact ErinMarie Nebel at EMNebel@thoracic.org or at 212-315-6464.

Every dollar contributed will go directly to support research awards for early career scientists.

Help Us Help You!

Have you moved, changed your title, added new skills, credentials or other information? ATS members can now update their contact information, assembly affiliations, and demographic profile quickly and easily online with the Member Profile Update form.

Keeping your profile current ensures accuracy during the ATS International Conference registration process and also helps the ATS provide you with valuable member benefits. To streamline the process, the ATS has updated and combined demographic categories, which makes it easier for you to send us pertinent information to serve you better.

The Member Profile Update form is safe and secure, and your updates will be reflected immediately in our database. Please take a minute to login and update your member record today at

<http://www.thoracic.org/login/ats-member-login.php?rl=https://thoracic.secure.force.com/MPU>

At this same web link members can now also print their own, personalized membership certificate!

LUNG DISEASE WEEK AT THE ATS

January~December, 2014

In 2014, the ATS Public Advisory Roundtable (PAR) continues its successful program "Lung Disease Week at the ATS," which represents a society-wide initiative to recognize the many rare lung disorders for which ATS PAR member organizations provide support and guidance to patients and their families. For a series of one-week periods throughout 2014 ATS PAR will bring patient issues to the front and center of the Society's agenda. Working with its PAR partners, the ATS will develop, aggregate and host links to disease-specific content on its Web site. Material will include patient stories, testimonials, interviews, videos, photos, support group information, details on ongoing legislative efforts and clinical trial updates. The ATS will foster interaction between patients, clinicians and researchers by hosting online question-and-answer sessions, Webinars and/or podcasts featuring lung disease experts. See the full calendar of lung disease weeks below.

2014 Date	Disease Week	PAR Member	ATS Board Member
Feb 9-15	Sarcoidosis	Andrea Wilson (Foundation for Sarcoidosis Research)	Carrie Redlich, MD
Mar 2-8	Cystic Fibrosis	Beth Sufian (Cystic Fibrosis Foundation)	Samya Nasr, MD
Apr 6-12	ARDS	Eileen Rubin (ARDS Foundation)	Shannon Carson, MD
Apr 20-26	Sleep Disorders	Ed Grandi (American Sleep Apnea Association)	Atul Malhotra, MD
Jun1-7	LAM	Mary Harbaugh (The LAM Foundation)	Charlie Strange, MD
Jun 22-28	Scleroderma	Kerri Connolly (Scleroderma Foundation)	Nick Hill, MD <i>(ATS Past President)</i>
July 6-12	Pulmonary Hypertension	Debbie Castro (Pulmonary Hypertension Association) <i>*Also local onsite event</i>	Jason Yuan, MD
Aug 3-9	chILD	Greg Porta (chILD Foundation) <i>*Also local onsite event</i>	Robin Deterding, MD
Aug 24-30	Rare Lung Diseases	Jack Kelly (Lymphangiomatosis & Gorham's Disease Alliance)	Jess Mandel, MD

Sep 7-13	Lung Transplant	Jeff Goldstein (Lung Transplant Foundation) <i>*Also local onsite event</i>	Various
Sep 21-27	Pulmonary Fibrosis	Teresa Barnes (Coalition for Pulmonary Fibrosis)	Jesse Roman, MD
Oct 5-11	Asthma	Charlotte Collins (Asthma & Allergy Foundation of America)	Greg Downey, MD
Nov Dec 7-13	Lung Cancer	Regina Vidaver (Free to Breathe, <i>formerly NLCP</i>)	Linda Nici, MD

Official ATS Documents: Informational Opportunities at the 2014 ATS International Conference in San Diego

If you're developing or interested in developing an Official ATS Document (Statements, Clinical Practice Guidelines, Workshop Reports, Technical Standards, or Systematic Reviews), please consider attending one or more of these free opportunities while you are in San Diego at the ATS International Conference:

- Documents Development & Implementation Committee (DDIC) Workshop/Meeting: Friday, May 16th from 6-9 PM, Golden Hill A/B, 3rd Floor, Manchester Grand Hyatt.

This session is **required** for all Guideline Panel Chairs and Chairs of new document projects. The session is **recommended** for Chairs of ongoing non-guideline projects. Please RSVP to John Harmon at jharmon@thoracic.org if you have not already done so.

- 6-7 PM – Presentations by DDIC members about the Official Document types, methodological requirements for each, and other practical issues (e.g., conflict of interest management, review, and approval); a light dinner will be served.
- 7-9 PM – Current Guideline Chairs (or their designees) will give progress reports and then troubleshoot informally with DDIC members and ATS staff. New Guideline Chairs will have the opportunity to listen to these reports and learn about the “trials and tribulations” of guideline development from experienced peers.

Update: A second session has been added for current Guideline Panel Chairs or new Guideline Panel Chairs who cannot attend the Friday evening session. The second session will be held on Saturday, May 17 from 5-6 PM, TBA, Manchester Grant Hyatt.

- Guideline Methodology Training Program Information Session: Monday, May 19th from 7-8:30 PM, Balboa A/B, 2nd Floor, Manchester Grand Hyatt. Anyone who is interested in learning more about this new training program is welcome to attend. A brief description of the program will be provided, followed by time for questions and answers. A light dinner will be served. RSVP to kwilson@thoracic.org is required. Space is limited.
- Ad Hoc meetings: If your project committee is having a full day, half day, or meal meeting in San Diego, you have the opportunity to schedule an appointment for Dr. Kevin Wilson (ATS Documents Editor) or Dr. Jan Brozek (ATS Methodologist) to stop by your committee meeting to discuss and answer questions about Official ATS Documents. To schedule a meeting, email Kevin Wilson at kwilson@thoracic.org or Jan Brozek at brozeki@mcmaster.ca. Please indicate the name of your panel and a range of time that would be appropriate for their visit.
- Office Hours: Stop by our second annual “Office Hours” to meet and talk with Dr. Kevin Wilson and/or Dr. Jan Brozek about any Official ATS Document related matters. Office hours will be held from 10-11 am on Sunday May 18 and Monday May 19 in the Manchester Grand Hyatt (Room TBA).