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Behavioral Science and Health Services Research

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Editor: J. Daryl Thornton, MD, MPH, ATSF

MESSAGE FROM THE ASSEMBLY CHAIR

In my first year as Assembly Chair I have enjoyed meeting new members, reacquainting myself with existing members, and representing the Behavioral Sciences and Health Services Research Assembly (BSHSR) throughout the expanding ATS landscape. During the whirlwind year, I have been reminded of one simple fact: the strength of our Assembly has always been the varied expertise and dedication of its members. It is not surprising, therefore, that the Assembly continues to be a trusted resource across ATS in a myriad of areas including patient and provider education, population health, quality improvement, program and intervention evaluation, behavioral health, health systems research, evidence synthesis, and implementation science to name a few.



Daryl Thornton, MD, MPH, ATSF

Of course, our “small but mighty” Assembly would not be a successful Assembly without excellent leadership, and I am especially thankful for the members of the Assembly Executive Committee who tirelessly support our mission. Drs. Michelle Eakin and Meeta Prasad Kerlin, Program Chair and Program Chair-Elect, have overseen the review of more than 400 scientific abstracts and 30 sessions to put together an excellent program for this year’s International Conference in Dallas. This translates to programming 4 mini-symposia, 6 poster-discussion sessions, and 10 thematic poster sessions. The variety of the topics being presented truly reflect the diversity of our Assembly. I cannot think of a single topic you will want to miss.

Dr. Curtis Weiss has led the Planning Committee through another prosperous year. We received approval for four new projects and five renewed projects. Three projects that we co-sponsored were also renewed. An additional six projects were published – five in 2018 and one already in 2019.

Part of the growth in project publications is attributed to improvements in document creation. The ATS Evidence Synthesis Methodology Working Group Co-Chaired by Drs. Narayan Iyer and Kevin Wilson has become the envy of other medical societies by training the next generation of systematic review and clinical practice guideline investigators. The program has been so successful that there is now a healthy cohort of trained methodologists to draw upon to help in document creation. There has never been a better time to submit a proposal, so keep those ideas coming!

Our Web Director, Ann Wu, has continued to promote BSHSR’s web and social media presence. Her podcast interview with Dr. Andrea Apter, the 2018 BSHSR Lifetime Achievement Awardee was powerful and insightful (<http://www.thoracic.org/about/ats-podcasts/interview-with-andrea-apter-recipient-of-the-2018-bshsr-assembly-lifetime-achievement-award.php>)

(Continued on Page 2)

MESSAGE FROM THE ASSEMBLY CHAIR *(Continued)*

The combined journal club with the Assembly on Sleep and Respiratory Neurobiology (SRNA) on “Control of Confounding and Reporting of Results in Causal Inference Studies: Guidance for Authors from Editors of Respiratory, Sleep, and Critical Care Journals highlighted our collaborative relationships throughout ATS(<http://www.thoracic.org/about/ats-podcasts/control-of-confounding-and-reporting-of-results-in-causal-inference-studies.php>). The BSHSR ATS Chat entitled “E-cigarettes: Having Conversations with Patients” moderated by Drs. Suhcarita Kher and Valerie Press and sponsoring Drs. Michelle Eakin and Christy Sadreameli as content experts was a huge success receiving over 400,000 impressions, the highest to date for ATS!

Our Section on Medical Education continues its rapid growth with over 1,600 members. Under the leadership of Drs. Henry Fessler and W. Graham Carlos, Chair and Chair-Elect, the Section has created some innovative initiatives including an Emerging Educator Award and a Medical Education Research Award. They have also overseen the development of a novel Medical Education Research Consult Service to facilitate publication of topics related to medical education. This initiative builds upon their successful podcasts – “Practical Tips for Academic Writing”.

The BSHSR Mentoring Program continues to grow. We have had matched 30 mentees and 27 mentors (a 20% increase from last year). Mentorship areas of need include expertise in medical education, clinical research, health policy, and epidemiology. If you have skills in any of these areas or any others or if you are in search of mentoring, please visit our website (<http://www.thoracic.org/members/assemblies/assemblies/bshsr/mentoring-program/>).

This is the first year of our Early Career Professionals Working Group. Under the leadership of Dr. Jared Chiarchiaro, the Apprenticeship Program fosters the development of young leaders throughout BSHSR. One apprentice will serve as non-voting member of the Programming Committee and the other as a non-voting member on the Planning Committee. A needs assessment for early career professionals is also in the works.

I am looking forward to interacting with you at our Assembly Membership Meeting on Sunday May 19 from 6:30 to 8:30 PM at the Hyatt Regency. Besides hearing an update from ATS, BSHSR, and ATS journal editor leadership, there will be ample time to meet and greet one another. Our Assembly leaders will also be available to address any questions or concerns you may have.

If you are interested in becoming more involved in BSHSR, please do not hesitate to reach out to any of our Executive Committee members or myself (daryl.thornton@case.edu).

Thank you for your outstanding commitment to BSHSR!

PLANNING COMMITTEE

Curtis H. Weiss, MD, MS, Chair

The Assembly on Behavioral Sciences & Health Services Research (BSHSR) Planning Committee is pleased to report on another successful year as our Assembly members work to advance the mission of the ATS with many newly funded, renewed, and published projects. We have maintained our out-standing representation and unique contribution to the Society this year through important ATS projects. For FY2019 we received support for four new projects (one as primary sponsor and three as co-sponsor) and five renewal projects, while an additional six projects were published.

The new project for which the BSHSR Assembly is the primary assembly is **Enhancing Minority Recruitment and Retention in Clinical Studies** led by Fernando Holguin. In addition to this project, our Assembly is pleased to co-sponsor three additional new projects: 1) under the primary sponsorship of Critical Care, **Research Priorities for Treatment of Severe Alcohol Withdrawal Syndrome** led by Tessa Steel; 2) under the primary sponsorship of Thoracic Oncology, **Addressing Disparities in Lung Cancer Screening Eligibility and Health Care Access** led by Melinda Aldrich; and 3) under the primary sponsorship of Clinical Problems, **Electronic Health Records and Pulmonary Function Data: Developing an Interoperability Roadmap** led by Brad Drummond. All five projects submitted for renewal through our Assembly were approved. Two of these ongoing projects are under primary sponsorship by our Assembly: 1) **Performance Measure Development, Utilization, and Measurement of Effectiveness: A Demonstration Using the ATS Guidelines on Mechanical Ventilation in Acute Respiratory Distress Syndrome (ARDS) as an Example** (Continued on Page 3)

PLANNING COMMITTEE (Continued)

led by Katie Artis, Robert Hyzy, Raed Dweik and Curtis Weiss; and 2) **Informing Health Care Decisions with Observational Research: Addressing Real World Problems with Real World Data** led by Andrea Gershon, Jerry Krishnan and Peter Lindenauer.

In addition, the following three projects co-sponsored by our Assembly were approved for renewal: 1) under the primary sponsorship of Clinical Problems, **Initiating Pharmacologic Treatment for Tobacco Dependence** led by Harold Farber and Frank Leone; 2) under the primary sponsorship of Critical Care with additional co-sponsorship from Nursing, **Determining the Outcome Measures for Assessment after Critical Illness** led by Bronwen Connolly and Terri Hough; and 3) under the primary sponsorship of Nursing, **An ATS Clinical Practice Guideline: Supplemental Oxygen Therapy for Adults with Chronic Lung Disease** led by Susan Jacobs and David Lederer.

Finally, I am pleased to report that six of our projects successfully completed their work and were published in the past year: 1) **Improving the Affordability of Prescription Medications for People with Chronic Respiratory Disease. An Official American Thoracic Society Policy Statement** led by Minal Patel, Joe Gerald, Lynn Gerald, and Valerie Press [Am J Respir Crit Care Med 2018;198(11):1367-1374]; 2) **Patient-centered Outcomes Research in Pulmonary, Critical Care, and Sleep Medicine. An Official American Thoracic Society Workshop Report** led by Erin Kross, Laura Feemster, Howard Saft, Susan Bartlett and Sai Parthasarathy [Ann Am Thorac Soc 2018;15(9):1005-1015]; 3) **Recommendations for the Appropriate Structure, Communication, and Investigation of Tobacco Harm Reduction Claims. An Official American Thoracic Society Policy Statement** led by Frank Leone [Am J Respir Crit Care Med 2018;198(8):e90-e105]; 4) **Current Status and Future Opportunities in Lung Precision Medicine Research with a Focus on Biomarkers. An American Thoracic Society/National Heart, Lung, and Blood Institute Research Statement** led by Ann Wu, James Kiley, Patricia Noel, and Blanca Hines [Am J Respir Crit Care Med 2018;198(12):e116-e136]; 5) **Incorporating Coexisting Chronic Illness into Decisions about Patient Selection for Lung Cancer Screening. An Official American Thoracic Society Research Statement** led by M. Patricia Rivera, Nichole Tanner, and Renda Wiener [Am J Respir Crit Care Med 2018;198(2):e3-e13]; and 6) **Reducing Chronic Obstructive Pulmonary Disease Hospital Readmissions. An Official American Thoracic Society Workshop Report** led by Valerie Press, Laura Feemster and David Au [Ann Am Thorac Soc 2019;16(2):161-170].

The BSHSR Assembly continues to help lead the ATS through its successful projects. We look forward to another highly productive year starting our new projects, completing current projects, and identifying and developing ideas for future projects for FY2020. This is a great time to start thinking about potential new project ideas. Project proposal instructions and applications are generally available in June or July on the ATS website, with a deadline for submission typically in late July.

If you have an idea for a new project, please contact the Chair of the Planning Committee, Dr. Curtis Weiss, at cweiss@northshore.org, or we can discuss together at the International Conference in Dallas in May.

Submit an Assembly/Committee Project Application for funding in FY2020!

We are happy to announce that ATS will once again accept **NEW Assembly/Committee Projects for FY2020**. 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 Curtiss Weiss, MD, MS at cweiss@northshore.org**

For questions regarding submissions please contact Miriam Rodriguez at tel: (212) 315-8639 or email: Mrodriguez@thoracic.org.

The ATS has a Guideline Methodology Scholar Program that provides hands-on training in guideline development. An informational program is being held on Monday, May 20th from 7-8:30 PM, Hyatt Regency Dallas, Sanger A (Atrium Level). Anyone who is interested in learning more about clinical practice guideline development and the ATS training program that provides a hands-on experience in clinical practice guideline development is welcome to attend. A light dinner will be served. Please RSVP to kwilson@thoracic.org. Space is limited.

Additional information: The field of clinical practice guideline development has changed dramatically over the past decade. Formal standards must now be met as defined by the Institute of Medicine, which include a specific approach to searching for evidence, selecting evidence, summarized evidence, formulating recommendations, and rating the quality of evidence and the strength of the recommendations. The ATS and other guideline developers have learned that to successfully adhere to these standards, a guideline methodologist is necessary on each guideline committee. Clinical practice guideline methodologists are individuals who are capable of leading both systematic reviews (i.e., develop search strategies, select studies, extract data, perform meta-analyses, and construct evidence tables and summary of findings tables) and the formulation and grading of evidence-based recommendations.

The requirement that there be a methodologist on every guideline committee has created an imbalance, with the demand for methodologists far exceeding the supply. As organizations move toward continuously updating guidelines and demand increases, this imbalance will worsen. In order to combat this trend and build methodological capacity, the ATS has a methodology training program that takes individuals who have an interest in learning guideline methodology and places them on a guideline panel that needs methodological support. The trainee does the hands-on methodological work for the panel with guidance from the ATS methodologist and, in return, gains experience and middle co-authorship on the guideline. After working on one or two such guidelines projects, the trainee will likely have the skills necessary to become an independent methodologist. We believe that this is a potential career pathway, particularly well-suited for clinician-educators.

Additional benefits of the program include: a) systematic reviews performed during the development of the guideline are often publishable as independent entities and the trainee would be the first author on such derivatives, b) participation in a methodology training workshop, and c) participation in the Evidence Synthesis Methodology Working Group of the Behavioral Sciences and Health Services Research Assembly. The latter will lead to additional opportunities to participate in various workshops and projects.

**Chief, Documents & Medical Affairs
Kevin Wilson, MD**

PROGRAM COMMITTEE

Michelle Eakin, PhD , Chair and Meeta Prasad-Kerlin, MD, MSCE, Chair Elect

The BSHSR Program Committee recently completed scheduling of programs for the 2019 ATS International Conference in Dallas TX. Committee members reviewed more than 30 scientific sessions and over 400 original abstracts in order to develop a strong and diverse program that highlights the broad range of expertise of our BSHSR membership.

The impact of BSHSR Assembly will be demonstrated throughout the conference. This year we begin with an outstanding Post Graduate Course. The course “**Fundamentals of Writing a Successful Mentored Clinical Research Grants (FUND ME)**,” will provide a better understanding of the grant review process through participation in a mock review session and interaction with faculty, reviewers and program officers in a panel discussion. This course will be taught by a diverse range of experts from our assembly and will combine didactic and interactive break-out sessions on how to develop strong research training grant proposals.

We have two major Scientific Symposia that we expect will resonate with members of our assembly as well the broader ATS membership. The first, “**Addicting a new generation: JUULing, vaping, heat not burn, flavorings and the evidence for why we could be very concerned**” integrates innovative basic science, clinical and translational research findings to discuss harms of new tobacco products and increased use among youth.

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PROGRAM COMMITTEE (*Continued*)

The second, "**Migrant and refugee medicine: Implications for pulmonary and critical care clinicians**" discusses the migrant and refugee crisis and the unique health challenges faced by this population.

In addition to these primary BSHSR symposia, we are jointly sponsoring two additional scientific symposia: one on high value care in COPD, "**Improving Care Quality while Reducing Cost: Is High Value Care of COPD Achievable?**" and another on learning health systems in ICU, "**Critical Care 2.0: Integrating Big Data, Clinical Trials, and Implementation Science to Create a Learning ICU system**". We are also a co-sponsoring assembly for three committee-sponsored symposia that were led by members of the BSHSR. These include "**State of the Art Treatment for Tobacco Dependence**", a symposium from the Quality Improvement and Implementation Committee "**Building Blocks of Implementation: How to implement ICU Evidence Based Care,**" and "**Hot Topics In Medical Education: What's New in '19.**" Finally, BSHSR is a secondary sponsor of several other scientific symposia with other assemblies.

We have programmed four Mini-Symposia, six Poster Discussion Sessions, and ten Thematic Poster Sessions. Based on overall positive feedback, we are continuing to use the RAPiD presentation format for all six of our poster discussion sessions. The first 45 minutes of these sessions will include 90-second PowerPoint presentations from each of the abstract authors, followed by 30-45 minutes for poster viewing and a final 45 minutes of moderated group discussion. These sessions were piloted last year our assembly and the response was overwhelmingly positive. We encourage all of the moderators, authors and attendees to be familiar and prepared to present during the new format.

This year we were again able to program two "Sunrise Seminars": **Joanna Hart MD**, will speak about decision science in clinical care, and **Ni-Cheng Liang, MD** will discuss mindfulness for healthcare professional well-being. Rounding out the program for the 2019 IC, we will have one workshop "**Promoting Wellness in Health Care teams: A Practical Approach**".

The BSHSR continues to collaborate with the Medical Education Section to highlight medical education at the 2018 Conference. This year there will be a three-part thematic seminar series: "**Optimizing Learner-Centered Education in the Ambulatory Clinic**", "**How to Create an Effective Simulation Program**" and "**Harnessing the Power of Social Media and Free Open Access Medical Education (#FOAMed)**" as well as a dedicated poster discussion session on provider burnout and wellbeing and a thematic poster session devoted to medical education.

We hope you will not only attend, but also engage in discussions, at the outstanding BSHSR programming at this year's conference! Thank you to our Program Committee Members for their time reviewing scientific sessions and abstracts, as well as providing their suggestions for programming. We also thank those who submitted abstracts and program proposals. It is not too early to begin thinking of ideas for 2020. The upcoming International Conference is a great time to meet with others and begin to solidify the ideas into concrete proposals for submission during the summer.

The 2019-2020 BSHSR Program Committee will be chaired by Meeta Kerlin, MD. The next BSHSR Program Committee meeting will be held early on Tuesday morning, at 6:30 AM on May 22nd. We hope you will be able to join us in shaping future programs.

If you have questions about the 2019-2020 Program Committee, please contact Dr. Meeta Kerlin at meeta.prasad.kerlin@uphs.upenn.edu.

ATS 2019 - Dallas, Texas
Sessions Sponsored by the Assembly on Behavioral Science and
Health Services Research

Session Code	Session Title	Session Time	
Postgraduate Courses			
Friday, May 17, 2019			
PG4	FUNDAMENTALS OF WRITING SUCCESSFUL MENTORED CLINICAL RESEARCH GRANTS (FUND ME)	8:00 AM	4:00 PM
Scientific Symposia			
Monday, May 20, 2019			
B9	ADDICTING A NEW GENERATION: JUULING, VAPING, HEAT NOT BURN, FLAVORINGS, AND THE EVIDENCE FOR WHY WE SHOULD BE VERY CONCERNED	9:15 AM	11:15 AM
B88	MIGRANT AND REFUGEE MEDICINE: IMPLICATIONS FOR PULMONARY AND CRITICAL CARE CLINICIANS	2:15 PM	4:15 PM
Jointly-Developed Symposia			
Sunday, May 19, 2019			
A11	CRITICAL CARE 2.0: INTEGRATING BIG DATA, CLINICAL TRIALS, AND IMPLEMENTATION SCIENCE TO CREATE A LEARNING ICU SYSTEM	9:15 AM	11:15 AM
Monday, May 20, 2019			
B91	HAVE A BIGGER IMPACT! EFFECTIVE STRATEGIES TO UTILIZE YOUR PROFESSIONAL EXPERTISE TO ADVOCATE FOR YOUR PATIENTS AND YOUR COMMUNITIES	2:15 PM	4:15 PM
Tuesday, May 21, 2019			
C91	IMPROVING CARE QUALITY WHILE REDUCING COST: IS HIGH VALUE CARE FOR COPD ACHIEVABLE?	2:15 PM	4:15 PM
Workshop			
Monday, May 20, 2019			
WS4	PROMOTING WELLNESS IN HEALTH CARE TEAMS: A PRACTICAL APPROACH	11:45 AM	1:15 PM
Sunrise Seminars			
Tuesday, May 21, 2019			
SS202	NUDGES, IRRATIONALITY, AND CHOICE ARCHITECTURE: DECISION SCIENCE IN CLINICAL CARE	6:45 AM	7:45 AM
Wednesday, May 22, 2019			
SS301	MINDFULNESS FOR OPTIMIZING HEALTH CARE PROFESSIONAL WELL-BEING: REDUCING BURNOUT	6:45 AM	7:45 AM

Session Code	Session Title	Session Time	
Mini-Symposia			
Sunday, May 19, 2019			
A14	REDUCING DISPARITIES AND IMPROVING OUTCOMES OF LUNG CANCER SCREENING	9:15 AM	11:15 AM
A94	INNOVATIONS TO IMPROVE CARE IN OBSTRUCTIVE LUNG DISEASE	2:15 PM	4:15 PM
Tuesday, May 21, 2019			
C94	THE IMPACT OF SOCIAL DETERMINANTS IN PULMONARY AND CRITICAL CARE	2:15 PM	4:15 PM
C95	ENHANCING PATIENT-CENTERED CARE IN CRITICAL CARE	2:15 PM	4:15 PM
Wednesday, May 22, 2019			
D93	PAYING FOR CARE IN PULMONARY DISEASES	1:30 PM	3:30 PM
RAPiD: Rapid Abstract Poster Discussion Sessions			
Sunday, May 19, 2019			
A22	FACILITATING PALLIATIVE AND END OF LIFE CARE	9:15 AM	11:15 AM
Monday, May 20, 2019			
B22	CRITICAL ILLNESS MANAGEMENT AND OUTCOMES	9:15 AM	11:15 AM
B102	DISPARITIES IN ASTHMA MANAGEMENT	2:15 PM	4:15 PM
Tuesday, May 21, 2019			
C21	DETERMINANTS OF BURNOUT AND WELLNESS AMONG PHYSICIANS AND TRAINEES	9:15 AM	11:15 AM
Wednesday, May 22, 2019			
D22	REAL WORLD MEDICATION USE IN PULMONARY DISEASES	9:15 AM	11:15 AM
D102	OPTIMIZING OUTCOMES IN COPD	1:30 PM	3:30 PM
Thematic Poster Sessions			
Sunday, May 19, 2019			
A33	ADVANCES IN MEDICAL EDUCATION IN PULMONARY AND CRITICAL CARE MEDICINE	9:15 AM	4:15 PM
A34	SCREENING, DIAGNOSIS, AND TREATMENT IN SLEEP DISORDERS	9:15 AM	4:15 PM
Monday, May 20, 2019			
B35	EPIDEMIOLOGICAL STUDIES AND MANAGEMENT OF COPD	9:15 AM	4:15 PM
B36	ADDICTION AND TOBACCO USE IN PULMONARY AND CRITICAL CARE MEDICINE	9:15 AM	4:15 PM
B37	NOVEL APPROACHES TO ASTHMA MANAGEMENT AND OUTCOMES	9:15 AM	4:15 PM
B38	LUNG CANCER: SCREENING PRACTICES AND TREATMENT OUTCOMES	9:15 AM	4:15 PM

Session Code	Session Title	Session Time	
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B38	LUNG CANCER: SCREENING PRACTICES AND TREATMENT OUTCOMES	9:15 AM	4:15 PM
Tuesday, May 21, 2019			
C35	HEALTH SERVICES RESEARCH IN COUGH, CF, AND ILD	9:15 AM	4:15 PM
Wednesday, May 22, 2019			
D35	TESTING, PROCEDURES, AND OUTCOMES IN PULMONARY AND CRITICAL CARE MEDICINE	9:15 AM	3:30 PM
D36	INNOVATIONS IN RESEARCH METHODS AND EVIDENCE SYNTHESIS	9:15 AM	3:30 PM
D37	TOPICS IN GLOBAL HEALTH SERVICES RESEARCH	9:15 AM	3:30 PM

**ATS 2019 INTERNATIONAL CONFERENCE
ADDITIONAL SESSIONS OF INTEREST TO BSHSR ASSEMBLY**

Session Code	Session Title	Session Time	
Postgraduate Courses			
Friday, May 17, 2019			
PG6	INTERSTITIAL LUNG DISEASE: CURRENT TRENDS IN DIAGNOSIS AND MANAGEMENT	8:00 AM	4:00 PM
PG12	STATE OF THE ART: LUNG CANCER 2019	8:00 AM	4:00 PM
Saturday, May 18, 2019			
PG16	INTERSTITIAL LUNG DISEASE: DELIVERING OPTIMAL, PATIENT CENTERED CARE	8:00 AM	4:00 PM

Session Code	Session Title	Session Time	
Scientific Symposia			
Sunday, May 19, 2019			
A3	WHEN THERE IS NO RIGHT ANSWER: A PRO/CON DEBATE ON CONTROVERSIES IN ILD	9:15AM	11:15 AM
A4	DO I HAVE TO? RE-EVALUATING COMMON PRACTICES IN THE ICU	9:15AM	11:15 AM
A10	TREATING ASTHMA IN PATIENTS WITH OBESITY: THE NEED FOR A NEW APPROACH	9:15AM	11:15 AM
A12	CAREGIVER BURDEN: BIDIRECTIONAL IMPACT OF PULMONARY, CRITICAL CARE, AND SLEEP DISORDERS ON THE ENTIRE FAMILY	9:15AM	11:15 AM
A13	STATE OF THE ART TREATMENT OF TOBACCO DEPENDENCE	9:15AM	11:15 AM
A88	RETHINKING OXYGEN: GETTING THE RIGHT OXYGEN TO THE RIGHT PATIENT	2:15 PM	4:15 PM
Monday, May 20, 2019			
B7	GLOBAL PERSPECTIVES ON CLIMATE CHANGE: IMPACT ON SUSCEPTIBLE POPULATIONS AND LOW-INCOME COUNTRIES	9:15AM	11:15 AM
B8	ENSURING BROAD DISSEMINATION AND EQUITABLE ACCESS TO LUNG CANCER SCREENING: CHALLENGES AND OPPORTUNITIES	9:15AM	11:15 AM
B84	CAN'T STOP OR WON'T STOP: THE ROLE OF CLINICAL INERTIA IN CRITICAL CARE MEDICINE	2:15 PM	4:15 PM
B89	CHALLENGES IN CONDUCTING AND INTERPRETING ARDS AND SEPSIS RANDOMIZED CLINICAL TRIALS	2:15 PM	4:15 PM
B90	BIG TOBACCO: LAWYERS, GUNS AND MONEY	2:15 PM	4:15 PM
Tuesday, May 21, 2019			
C2	CLOSING THE EVIDENCE GAP IN LUNG DISEASE WITH REAL WORLD DATA	9:15AM	11:15 AM
C4	WHEN THE SUN SETS: NIGHTTIME IN THE ICU	9:15AM	11:15 AM
C13	CLIMATE CHANGE AND RESPIRATORY HEALTH: WIDENING U.S. DISPARITIES	9:15AM	11:15 AM
Wednesday, May 22, 2019			
D4	BIG DATA AND CLINICAL TRIALS: FRIENDS, FOES, OR FRENEMIES?	9:15AM	11:15 AM

Session Code	Session Title	Session Time	
D10	BUILDING BLOCKS OF IMPLEMENTATION: HOW TO IMPLEMENT ICU EVIDENCE-BASED CARE	9:15AM	11:15 AM
D84	REDEFINING ICU SURVIVORSHIP: PREVENTION, RECOVERY AND REINTEGRATION	1:30 PM	3:30 PM
Workshops			
Sunday, May 19, 2019			
WS1	TEACHING IN THE ICU PEARLS AND PITFALLS	11:45 AM	1:15 PM
Tuesday, May 21, 2019			
WS5	DESIGNING A COMPREHENSIVE CRITICAL CARE ULTRASOUND CURRICULUM	11:45 AM	1:15 PM
Wednesday, May 22, 2019			
WS7	CRISPR: BREAKING BAD FOR THE GOOD OF ADVANCING SCIENCE	11:45 AM	1:15 PM
Medical Education Seminar Sessions			
Sunday, May 19, 2019			
ME1	HARNESSING THE POWER OF SOCIAL MEDIA AND FREE OPEN ACCESS MEDICAL EDUCATION (#FOAMED): AN INTERACTIVE WORKSHOP FOR MEDICAL EDUCATORS	12:15 PM	1:15 PM
Monday, May 20, 2019			
ME2	DESIGNING AN EFFECTIVE SIMULATION CURRICULUM	12:15 PM	1:15 PM
Tuesday, May 21, 2019			
ME3	OPTIMIZING LEARNER-CENTERED EDUCATION IN THE AMBULATORY CLINIC	12:15 PM	1:15 PM



ATS 2019
Where today's science meets tomorrow's care™

**AMERICAN THORACIC SOCIETY
INTERNATIONAL CONFERENCE**

dallas
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ATS 2019 SCIENCE & INNOVATION CENTER

The Science & Innovation Center, located at the **Kay Bailey Hutchison Convention Center Dallas, Hall B (Level 2)**, is a forum for scientists and researchers to meet, network, learn, and rest. The Science & Innovation Center is organized by representatives of the Assemblies on: Allergy, Immunology and Inflammation (AII), Pulmonary Infections and Tuberculosis (PI-TB), Respiratory Cell and Molecular Biology (RCMB), and Respiratory Structure and Function (RSF).

HOURS: + Sunday, May 19 - Tuesday, May 21 – 7a.m.- 5p.m. + Wednesday, May 22 – 7a.m.- 1p.m.

DAILY:

+ Complimentary breakfast served at 7a.m. + Light refreshments served + Informal networking & rest area all day

Sunday, May 19	Monday, May 20	Tuesday, May 21
7:15 - 8:00 a.m. ATS 101: Cell Fate Jason Rock, PhD, Boston University	7:15 - 8:00 a.m. ATS 101: Neural Control of Inflammation Brenda Marsh, MD, PhD, OHSU	7:15 - 8:00 a.m. Early Career Professionals Coffee Corner
8:15 - 9:15 a.m. Navigating ATS Julie Ledford, PhD, University of Arizona	8:15 - 9:15 a.m. Setting up a Lab Phil Verhoef, MD, PhD, University of Chicago	8:15 - 9:15 a.m. Mentorship: A Key to Success Laura Crotty-Alexander, MD, University of California at San Diego Anne Sperling, PhD, University of Chicago
9:15 - 10:00 a.m. PRDS Orientation	9:15 - 10:00 a.m. Hiring Lab Management Chad Steele, PhD, Tulane University	9:15 - 10:00 a.m. Building Your Track Record for Career Success Greg Downey, MD, National Jewish Health
10:15 - 11:00 a.m. ATS 101: RNA Seq Jay Kolls, MD, Tulane University Naftali Kaminski, MD, Yale University	10:15 - 11:00 a.m. ATS 101: Imaging Yan Bai, MD, Harvard University Steven Rowe, MD, University of Alabama	10:15 - 11:00 a.m. ATS Foundation Grants Erin Marie Nebel, ATS
11:00 - 11:45 a.m. Lunch & Learn: RNA Seq Data	11:00 - 11:45 a.m. Lunch & Learn: Imaging	11:00 - 11:45 a.m. NIH Grants/Working with Industry Taylor Cohen, PhD, MedImmune Lora Reineck, MD, NIH Ghenima Dirami, PhD, NIH
12:00 - 3:00 p.m. Rising Star and SIC Abstract Awards	12:00 - 12:45 p.m. From Innovative Ideas to Clinical Trials Hector Ortega, MD, Gossamer Bio David Lagares, PhD, Harvard Tim Watkins, MD, Gilead	12:00 - 12:45 p.m. Lunch & Learn: Grants and Funding
3:00 - 5:00 p.m. PhD and Basic Science Reception	1:00 - 3:00 p.m. BEAR CAGE COMPETITION 	1:00 - 1:45 p.m. Bridging the Gap (MD Perspective) Josh Englert, MD, Ohio State University John Christman, MD, Ohio State University
<div> <div>ATS 2019</div> <div>Let's Discover Together</div> </div>	3:30 - 4:30 p.m. Minority Trainee Development Scholarship Reception	1:45 - 2:45 p.m. Bridging the Gap (PhD Perspective) Beth Moore, PhD, University of Michigan Megan Ballinger, PhD, Ohio State University
		3:00 - 4:30 p.m. Relax and Recharge

May 17 - May 22, 2019 | conference.thoracic.org

Assembly Mentoring Programs' Meeting Spot



Struggling to find a quiet location to meet with your mentor? The Assembly Mentoring Programs is offering a meeting spot exclusively for mentors and mentee to meet.

The Assembly Mentoring Programs' Meeting Spot will be located at the Regency Dallas in the Baker room on the Atrium Level.

The room will be available:

Sunday May 19th – Tuesday May 21st, 2019 from 7 a.m. to 7 p.m.

Light snacks and beverages will be offered throughout the day. Laptops and printers will be available for use and don't forget to pick up your Assembly Mentoring Program Ribbon and Pin!

Join us at the Mentoring Reception:

Monday, May 20th, 4:00pm

Baker Room (Atrium Level)

Interested in joining a Mentoring Program? Visit our [Assemblies Mentoring homepage](#) or contact Nicole Feijoo at NFeijoo@thoracic.org

Second Reception for PhDs & Other Basic Science Researchers

The ATS is pleased to invite members to attend the “**Second Reception for PhDs & Other Basic Science Researchers**” to be held at the ATS International Conference on **Sunday, May 19th from 3-5pm. The reception will be held in the Science and Innovation Center.** There will be food provided and activities during the event will include an opportunity to get to meet and network with other scientists, to engage with leaders from the ATS and assemblies and to provide feedback regarding activities or programs that ATS could offer to benefit the basic and translational science members, especially those who are not also clinicians. The event is free, but we ask you to register to help plan for food.

Trainees are especially welcome and encouraged to RSVP and attend!!

[Register here](#)

In addition, be sure to check out the entire program in the Science and Innovation Center (SIC) which will be available on the ATS international meeting mobile app.

Center for Career Development (CCD)

Sunday, May 19 – Tuesday, May 21, 2019 7 a.m. – 5 p.m.

Wednesday, May 22 7 a.m. - 1 p.m.

Kay Bailey Hutchison Convention Center Dallas

Hall B (Level 2)

The Center for Career Development is a professional networking and career development forum for early career professionals (medical students, residents, fellows, post docs, other allied healthcare and research professionals) in training or transitioning from training in Pulmonary, Critical Care or Sleep Medicine. Each day, the CCD features informal workshops aimed at enhancing the professional development for all health care professionals. The sessions in the CCD are a unique and valuable opportunity for YOU to interact with experts in PCCM and have your questions answered about career development topics that are important to you!

Best of ATS Video Lecture Series (BAVLS)



Do you have an amazing teaching video you want to share with the world? Then consider submitting to the Best of ATS Video Lecture Series (BAVLS)!

For more information, please visit: <https://www.thoracic.org/professionals/clinical-resources/video-lecture-series/index.php>

WEB COMMITTEE

Ann C. Wu, MD, Chair

This year the Behavioral Science and Health Services Research Assembly Web Committee held its first ever Twitter chat! The chat focused on e-cigarettes and had >400,000 impressions, the highest ever for ATS! The Web Committee also produced a couple of podcasts for our assembly, including ones featuring Andrea Apter and David Lederer. In collaboration with the Tobacco Action Committee, we hosted a webinar in April on “Perspectives on E-Cigarettes from an Inhalation Toxicologist who is also a Mother of Teenagers.” We continue to have an active social media presence and provide regular updates on research performed by our assembly members. Please consider following our social media accounts on Twitter (@ATS_BSHSR) or Facebook. We currently have over 3,000 tweets and 850 followers on Twitter.

If you have questions, had new ideas, and/or would like to join this committee, please contact Dr. Ann Wu at ann.wu@childrens.harvard.edu.

SECTION ON MEDICAL EDUCATION

Henry Fessler, MD, Chair and W. Graham Carlos, MD, MSCR, Chair-Elect

It has been my honor to serve as Chair of the Section on Medical Education during this busy and productive year. We welcome you to join our Section, along with the 16,028 members of the ATS. Our membership meeting will be Tuesday, May 21st from 4:30-6:30p.m in the Cumberland AC room, Exhibition Level.

The Planning Committee, led by Kristin Burkart, has made great progress on several important initiatives that emerged from our strategic planning meeting in 2017. We have launched an Emerging Educator Award to recognize an accomplished and promising early career educator in Pulmonary, Critical Care or Sleep Medicine. The inaugural recipient will be announced at our membership meeting. Dr. Burkart has also organized a medical education research award that will be announced at the membership meeting. This is funded by contributions to the ATS Foundation that have been designated for education research.

Under the leadership of Graham Carlos, our incoming Section chair, the Research Working Group has accumulated over 60 members, divided into independent writing groups. This working group has come to the end of its term but the writing groups will continue their forward momentum. The Undergraduate Medical Education Working Group, under Snigdha Jain, will extend their term while working on common core medical student curricula for pre-clinical physiology teaching and for critical care clerkships.

At the International Conference, the Section will launch a Medical Education Consult Service. Recognizing that mentors and colleagues for medical education research may be few at any one institution, this service will pair expert consultants with new investigators to provide advice on study design, analytic plans, and research methods. This should avoid the heartbreak of discovering fatal flaws only after a manuscript has been submitted, and help improve the rigor of medical education research by Section members to match that of the other research by ATS members.

Lekshmi Santhosh organized outstanding quarterly webinars on medical education topics that can be viewed here [provide link]. Deepak Pradhan has produced a popular podcast series on medical education which can be found here [insert link]. The most recent is a three-part series on academic writing that should be of interest to all members of this Assembly. We also have a wealth of programming planned for the International Conference, including the ATS/APCCMPD/PEPTDA medical education pre-course, a three-part lunchtime series, scientific symposia, poster presentations, and career-guidance and social sessions at the Career Development Center. All of this will be detailed in the Roadmap for Clinician Educators, to help medical and science educators get the most of the International Conference.

Laura Hinkle has done fabulous work maintaining our web and media presence, and we will be adding web pages to highlight educators whose experience can provide inspiration and guidance to fellows and faculty who are considering this path. Under Nitin Seam, the ATS is accumulating a growing library of fabulous teaching videos that can be used by any of the members in their teaching or their own education.

We are thrilled by the upcoming launch of *ATS Scholar*, a new, open-access ATS journal devoted to education of physicians, scientists, nurses, and patients.

(Continued on Page 16)

SECTION ON MEDICAL EDUCATION (*Continued*)

This will provide a forum for publication of high-quality research, perspectives, reviews, and practical tips on teaching in the 21st century.

Finally, we welcome Graham Carlos, Associate Professor of Clinical Medicine at Indiana University School of Medicine, who will assume the Chairmanship of the Section of Medical Education for a two-year term.

EVIDENCE SYNTHESIS METHODOLOGY WORKING GROUP

Kevin Wilson, MD and Narayan Iyer, MD, Co-Chairs

The mission of the Evidence Synthesis Methodology Working Group (ESM-WG) is to provide a venue for ATS members who are interested in systematic reviews and/or clinical practice guideline methodology to collaborate and learn from one another. The ESM-WG has three major areas of effort: the clinical practice guideline methodology training program, ATS projects, and research collaboration.

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The training program is in its sixth year and has enrolled 36 trainees (i.e., Methodology Scholars). This year's class of Scholars includes Amisha Barochia (NIH), Hassan Chami (American University in Beirut), Abby Chua (Stonybrook), Javier Diaz-Mendoza (Henry Ford), Alex Jenkins (England), Laura Myers (Massachusetts General Hospital), and Setu Patolia (St. Louis University).

Individuals who are selected to participate in the program attend a two-day workshop that introduces the steps of guideline development. Following the workshop, the Scholars are eligible for assignment to an actual ATS clinical practice guideline committee. They work under the mentorship of an experienced methodologist to provide methodological support to the committee. The Scholars are authors on the guidelines that they support and are able to publish systematic reviews performed in the context of guideline development as first authors. After participating in one or two guidelines, most Scholars are ready to venture out as independent methodologists. Participation in the program is competitive.

For information about the program or to apply, please contact Kevin Wilson, MD at kwilson@thoracic.org. Alternatively, you may attend an informational workshop on Monday, May 20th from 7-8:30 PM, Hyatt Regency Dallas, Sanger A (Atrium Level).

ATS Projects

Members of the ESM-WG work together to propose, complete, and publish ATS projects related to evidence synthesis or guideline development. The working group has previously published "Developing Performance Measures from Clinical Practice Guidelines" and "A Framework for Addressing Multimorbidity in Clinical Practice Guidelines". Currently, under the leadership of working group member, Katie Artis, the ESM-WG is completing a workshop on "Guideline Implementation: Performance Measure Development, Utilization, and Measurement of Effectiveness."

Anyone interested in submitting a proposal for a project related to guideline methodology and evidence synthesis should contact Kevin Wilson, MD at kwilson@thoracic.org for additional information.

Research

The ESM-WG would like to facilitate collaboration on research related to evidence synthesis, guideline development, and guideline implementation. If you have a research idea for which you are seeking feedback or collaborators, please contact Kevin Wilson, MD at kwilson@thoracic.org.

Donate \$ 100 to the ATS Foundation Research Program and receive a pair of ATS –branded lungs as a token of thanks! Donors will be recognized with a picture and a mention on the ATS Instagram account.



**Donations are being accepted at the ATS Center, booth #2726 in the Exhibit Hall (Hall D)
Center Hours are: Sunday, May 19 to Tuesday, May 21st from 10:30 a. m — 3:30 p. m**



Be sure to follow us at [@ATS_Assemblies](https://twitter.com/ATS_Assemblies) for news on webinars, deadlines, and other things you might have missed in your inbox!



Want to know how the ATS Assemblies and Committees really work?

Would you like to get more involved?

This is your chance! You can now register here to become more involved in the ATS Assemblies, ATS Committees or both. There are many ways to grow within ATS and the Assemblies and Committees are a great starting point.

www.thoracic.org/go/get-involved



We help the world breathe®
PULMONARY • CRITICAL CARE • SLEEP



Spread the word: Apply for a Research Grant

Last year, ATS awarded 30 grants totaling \$1.6 million
2019 cycle is now open, offering 15 unrestricted grants, 1 grant specifically for nurses, and more!

Apply for the 2019
ATS Foundation
Research Program
Portfolio of Grants

Deadline for letters of intent: June 17, 2019



Deadline to submit an LOI is Monday, June 17, 2019

Visit: thoracic.org/go/researchgrants

***Assembly on Behavioral Science
and Health Services Research
Membership Meeting***

***Monday, May 20th
4:30pm-7:00pm***

Hyatt Regency, Dallas

***Reunion AB
Lobby Level***

***Section on Medical Education
Membership Meeting***

***Tuesday May 21st
4:30pm-6:30pm***

Hyatt Regency, Dallas

***Cumberland AC
Exhibition Level***



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Third Annual ATS Walking Challenge

Step up to the Third Annual ATS Walking Challenge.

Every step helps raise money for the ATS Foundation. The top 3 overall steppers win a prize and 3 randomly selected participants reaching the 30,000 step goal win a prize. Watch it all unfold on leaderboards in the Mylan, Inc. booth #4333 or at the ATS Walking Challenge booth.

The first 2,000 registrants receive a free ATS wireless activity tracker to use with the App (distributed on a 'first-come, first-served' basis). The App also supports attendees that prefer to use their own FitBit, Jawbone or iPhone/Android smart phone step counters.

The three individuals who log the most steps win an Ipad Air.

Three randomly selected individuals reaching the 30,000 step goal win Bose QuietControl 30 Wireless headphones!

Learn more and
pre-register online at:
hekahealth.com/ats2019
or stop by the Walking
Challenge Booth in
Lobby D, level 2 at the
Kay Bailey Hutchison
Convention Center,

Supported by:



Visit the Mylan, Inc. booth #4333 each day for a step booster.

The more you visit, the more you receive:

Day 1 - 500 steps; Day 2 - 750 steps; and Day 3 - 1,000 steps.

Walk for a good cause! For every participant who walks 30,000 steps, Mylan, Inc. will make a donation of \$100 to the ATS Foundation, for a total maximum donation of \$50,000. Learn more at Foundation.Thoracic.org.

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