

# Assembly on Sleep and Respiratory Neurobiology (SRN) Newsletter



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**Reena, Mehra, MD, MS, ATSF**

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## Message from the Assembly Chair

Dear Colleagues:

It is with great enthusiasm that I **invite and welcome you to attend the 2023 ATS International Conference!** I am thrilled with the prospect of seeing our SRN membership convene, connect, and share the meaningful work being conducted by our SRN leadership.

As I reflect on my final year as Chair, what is most evident to me is the inspiring engagement and commitment of our Executive Committee, Chairs of our Committees and Working Groups, and respective group members and their major contributions to our Assembly efforts. I find myself inspired by the camaraderie and teamwork in the SRN which has been refreshing, energizing and led to major accomplishments for the greater good of our field of sleep medicine.

Some key highlights (leaders noted in parentheses) for this past year include innovations in our engagement of our *early career professionals* (**Dr. Oren Cohen, Priya Borker, Aesha Jobanputra**) including the major continued success of the *ASPIRE program* (**Dr. Richard Schwab's** genesis and continued leadership) and engagement with *PhD professionals* (**Dr. Brian Cade**), gaining traction on *grassroots advocacy (public policy, research)* efforts including *leading multi-society efforts to engage the FDA regarding the PAP recall* and providing input to shape national guidelines (**Dr. Susheel Patil**), an unprecedented number of our SRN members receiving *well-deserved award recognition* by ATS and *publication of key guideline and public policy statements* (**Dr. Sachin Pendharkar**), *exceptional programming* for the international conference including session co-sponsorship with the *NIH/NCSDR and NIMH* (**Drs. Andrey Zinchuk and Bharati Prasad**), spearheading communications and educational seminars (**Dr. Notch Sigua and Nancy Stewart**), bolstering SRN leadership on ATS-wide committees (notable highlight: **Dr. Indu Ayappa now Vice Chair of the Research Advocacy Committee!**), innovations in *sleep medicine education* (**Dr. Michelle Zeidler**), *scientific feedback on ATS grant proposals* (**Dr. Robert Owens**), strengthening *pediatric partnerships* (**Dr. Raanen Arens**) and shining a spotlight through a series of townhalls on *sleep disruption in burnout and wellness* (**Drs. Indira Gurubhagavatula, Sushmita Pamidi, Mihaela Teodorescu**). **Remarkable work by remarkable leaders and teams.**

Please see below my summary of some of the key SRN achievements and contributions and below my summary, please find a more detailed overview from the leads and chairs of our committees and groups.

I would like to express my sincerest gratitude to **Miriam Rodriguez**, Senior Director of Assembly Programs and ATS staff who tirelessly has been supporting SRN efforts. You are the engine that keeps us going and I am so appreciative. I would also like to sincerely thank our ATS President **Dr. Greg Downey** as well as ATS Chief Executive Officer, **Karen Collishaw** for providing steadfast support of our SRN Assembly. My predecessors, **Drs. Mihaela Teodorescu and Sanjay Patel**, have served as sage guides and have laid the groundwork for intentional and strategic initiatives which have catalyzed the extension of reach of our Assembly's contributions and recognition. Our Executive Committee which includes leads of the committees and working groups as well as **Drs. Raanen Arens, Indu Ayappa (Nominating Committee Chair), Indira Gurubhagavatula, John Kimoff, Sanjay Patel and Mihaela Teodorescu**, has been an incredible sounding board to chart the way forward for SRN.

Finally, I would like to thank all of **YOU- the SRN membership** who put your trust in me to serve as SRN Assembly Chair for the last 2 years. It has been a true

honor and one of the major highlights of my career to be able to work with a fantastic team to push forward key agenda items for our field of sleep medicine. I will hand over the proverbial baton to **Dr. Robert Owens**, who I know will do an outstanding job to ensure that the SRN will continue to thrive!

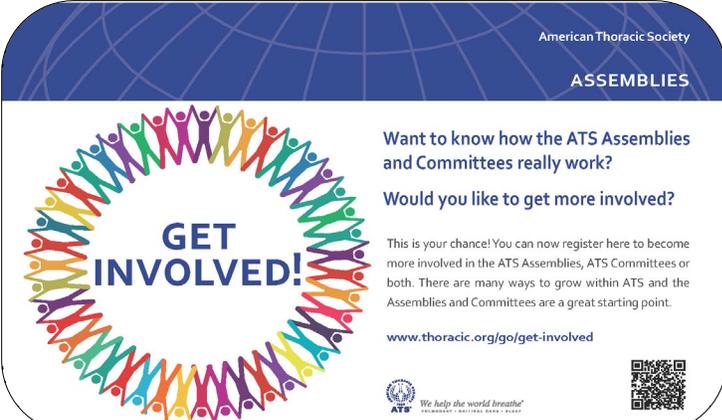
**I look forward to seeing you all in person at the business meeting and reception, on May 22nd. Please see details below for an exciting change in format to promote networking!**

Sincerely Yours,  
Reena Mehra, MD, MS, ATSF  
Chair, Assembly on Sleep and Respiratory Neurobiology (SRN)

### Assembly on Sleep and Respiratory Neurobiology (SRN) Membership Meeting

Monday, May 22, 2023  
5:00 pm - 7:00 pm

Building: Marriott Marquis DC  
Room: Independence Ballroom A-D  
Floor: M4



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## CHAIR'S REPORT

1. **Our SRN Program Chairs, Drs. Andrey Zinchuk, Bharat Prasad and the Committee** have done an **outstanding** job of facilitating strong presence of SRN and designing an incredibly exciting **ATS International Conference Program** covering timely and novel topics in our field. **We are excited to have 2 NIH co-sponsored sessions focused on sleep health disparities (NIMH) and circadian science and influence on respiratory disease (NCSDR).** We are also excited to partner with the NIH/NCSDR such that NCSDR representatives will be co-moderating sessions at the international conference!

Other exemplars include breaking news in obstructive sleep apnea, translational science of OSA and the brain, mechanistic discoveries in sleep apnea, non-PAP alternatives for OSA, opioid use disorders and sleep deficiency, OSA and inflammation and comorbidities as well as several other Assembly co-sponsored sessions. SRN is very well-represented at the meeting with 3 Scientific Symposia, 2 additional SRN- led joint Symposia, 3 Mini-Symposia/Rapid Poster Sessions, 4 Poster Discussion Sessions, 5 Thematic Poster Sessions, 2 Post-Graduate Courses, and 5 Meet the Expert sessions. **Please find details of the program schedule at the end of the newsletter, to start planning your schedule! We will also be sending email alerts during the IC for the daily schedule of SRN-specific courses and sessions to allow you to maximize your ability to coordinate your schedule accordingly!**

**In addition to the SRN program as above, Dr. Brian Cade has been leading sleep-specific programming at the IC for the** ATS-wide Science & Innovation Center (SIC) which is soon to be finalized and is planned to include important topics including multiple career development talks, research methods talks, and guidance on writing T32 grants.

2. **SRN Assembly Projects and Awards:** The Planning Committee, **under the exceptional leadership of Dr. Sachin Pendharkar**, reviews new Assembly project applications and supports ongoing projects. We have a new project approved for funding, i.e. a Workshop Report on *The great controversy of obstructive sleep apnea treatment for cardiovascular risk benefit: moving the needle through scientific consensus* led by **Dr. Oren Cohen**. Moreover, ongoing projects which were approved for continuation or have been published include Clinical Practice Guideline on the *Management of Persistent, Post-adenotonsillectomy Obstructive Sleep Apnea in Children (Dr. Zarmina Ehsan)*; *Strategies to assess long-term outcomes of continuous positive airway pressure (CPAP) use among symptomatic patients with obstructive sleep apnea (OSA)* – Workshop

Report (**Dr. Lucas Donovan**), Workshop Report on *The causes, consequences, and treatments of sleep and circadian disruption in the ICU* (**Dr. Melissa Knauert**, in press, AJRCCM); Workshop report on the *Link between obstructive sleep apnea and neurocognitive impairment* (**Dr Chitra Lal**, published Ann Am Thor Soc 2022); Policy Statement on *Moving Towards Equitable Care for Sleep Apnea in the United States: Adherence Thresholds* (**Drs. Martha Billings and Anna May**, published AJRCCM 2023). Congratulations to these leads and groups-- we look forward to their contributions!

**Importantly, we want to hear from you with your ideas for new projects, in the form of clinical practice guidelines, research statements, workshop reports.** 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 our **Assembly Planning Committee Chair Sachin R. Pendharkar, MD MSc ATSF** at [sachin.pendharkar@ucalgary.ca](mailto:sachin.pendharkar@ucalgary.ca).

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

The Planning Committee also oversees submissions of global ATS awards and the Assembly's three prestigious awards.

We are thrilled to share that we have an unprecedented number of SRN members who are recipients in 2022 and now 2023 global ATS-wide awards as follows!

2022	2023
ATS Research Innovation and Translation Achievement Award— <b>Colin Sullivan</b> , MD, PhD, <i>University of Sydney, NSW, Sydney, Australia</i>	Outstanding Educator Award, <b>Carol L. Rosen</b> , MD
ATS Jo Rae Wright Outstanding Science Award— <b>Lucas Donavan</b> , MD MS, <i>University of Washington, Seattle, WA</i>	Research Innovation and Translation Achievement Award, <b>Ramon Farre</b> , PhD, ATSF
ATS Outstanding Educator Award-- <b>Ilene M. Rosen</b> , MD MSCE, <i>University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA</i>	
ATS Outstanding Clinician Award- <b>Shazia M. Jamil</b> , MD, ATSF, <i>Scripps Clinic, La Jolla, CA</i>	

We are delighted to recognize the SRN Assembly award 2022 recipients: 1) **Dr. Anna May** (Cleveland VA Medical Center), who was awarded the James B. Skatrud New Investigator Award for rising stars, 2) **Dr. Rene Cortese** (University of Missouri) who was awarded the Carole L. Marcus Outstanding Achievement Award for early career accomplishments in pediatric sleep and respiratory neurobiology, and **Dr. Susan Redline** (Brigham and Women's Hospital, Harvard Medical School), who was awarded the distinguished Lifetime Achievement Award. For the 2023 awards cycle, nominations are now closed and awardees will be announced at our Assembly's business meeting during our Assembly meeting May 2023.

We encourage you to consider applying for these awards for the next cycle with link as follows:  
<https://www.thoracic.org/members/assemblies/about/assembly-awards/>.

The Planning Committee has recently taken the lead in seeking Assembly nominations for the overall ATS awards, which are due in the fall. We have many meritorious members in our Assembly, so we encourage you to nominate them. Reach out to **Dr. Pendharkar** later in the summer to seek advice for preparing your nomination(s).

3. **SRN Scientific and Public Health Advocacy:** The SRN has worked closely with ATS leadership to address queries and provide input on national guidelines, statements. We have also worked to facilitate communications and guidance surrounding the PAP device manufacturer recall—we are fortunate to have **Dr. Susheel Patil who has agreed to Chair the inaugural SRN Advocacy Committee** which has had a “soft start”. **His leadership has been instrumental in helping to negotiate the approach to the recall and he has now assembled a critical mass of members to serve on the committee.**
  - a. **We continue our standing meetings with the Director of the National Center for Sleep Disorders Research at the NHLBI, Dr. Marishka Brown** to discuss synergies with ATS and NCSDR
  - b. **Key contributions include Chair of our Advocacy Committee, Dr. Patil and Gary Ewart, our ATS staff liaison for Government Relations leading the coordination of a multi-society meeting with the FDA** concerning the device recall, to provide the society perspective and feedback on key areas to address including changes to regulatory oversight
  - c. **Congressional engagement to promote support for sleep research and awareness**
  - d. We have also had meetings to provide feedback and input to the **American Board of Internal Medicine Sleep Medicine Advisory Committee**
  
4. **SRN Early Career Working Group members’ activities: I have been nothing short of impressed with the enthusiasm, dynamism and engagement** of our Early Career Working (ECWG) group led by **Chair Oren Cohen MD and Co-Chairs Priya Borker, MD, Aesha Jobanputra, MD**. I am truly grateful and appreciative of their efforts and continue to be inspired by them. The group continues to build on the success and very well-received **Early Career Virtual Happy Hours**. Recognizing the challenges that the pandemic had imposed on limiting networking and obtaining mentoring of which we are still reeling from, the ECWG has implemented networking activities and strategies to keep the membership informed through their quarterly newsletters. Moreover, along with Members in Training and Transit Committee (MITT), Dr. Cohen recently hosted a very engaging and informative Twitter Chat focused on *“The Value of Additional Training in Sleep Medicine and Research”*, which was enormously successful garnering nearly 300K Twitter impressions!

The SRN Apprenticeship program continues and serves as an avenue to engage with trainees to create intentional tracks and ways to engage those who are interested in developing careers in sleep medicine. For 2021-2022, **our 2022-2023 apprentices were Dr. Weston Powell-Program Committee, Dr. Megan Lowery-Planning Committee, and Dr. Ashesha Mechineni-Web Committee**. We look forward to the next class of apprentices to continue this now important tradition, to grow our pipeline!
  
5. **SRN Web Committee: I am immensely appreciative of the tremendous work by Web Committee Chairs, Drs. Notch Sigua and Nancy Stewart**, who have done a fantastic job facilitating live webinars and podcasts on key topics which can be downloaded at any time for listening. Given the toll of the PAP device manufacturer recall on our practice, several webinars, some on conjunction with other societies were organized including impact on vulnerable populations as well as the intersection of the recall with the PAP recall, sleep and neurodegeneration and sleep as a component of AHA’s Life’s 8. There has been a focus on topics related to pediatric OSA under the strong leadership of **Journal Club Co-Chairs, Drs. Refika Ersu and Helena Schotland**. Please see details in their report below. **There are also plans to have a webinar series on *Moving toward Equitable Care for Sleep Apnea in the United States: Positive Airway Pressure Adherence Thresholds*.**
  
6. **ASPIRE Fellowship:** **Dr. Richard Schwab is responsible for spearheading the formation of the Academic Sleep Pulmonary Integrated Research (ASPIRE) fellowship via vying for industry sponsorship to develop this novel networking program to grow our pipeline.** This fellowship is now administered by the American Thoracic Society (ATS), continues to grow and is now accepting applications from around the world. The goal is to provide critical funding for pulmonary, ORL or sleep fellows interested in a research career related to sleep-disordered breathing. The benefits of ASPIRE fellowship include mentorship from expert sleep faculty nationwide, an opportunity to network with other like-minded fellows, and an annual stipend for research (\$3000 for clinical years, and up to \$10,000 for research years). This program began in 2017 and its graduates are already stars in the field!

The 2022-2023 ASPIRE fellows (last year's fellows):

- **Audrey Chang, MD - Columbia University**
- **Paul Chung, DO - Northwestern University**
- **Jennifer Langstengel, MD - Yale University**
- **Brian Locke, MD - University of Utah**
- **Janna Raphelson, MD - University of California San Diego**
- **Nataly Sanchez Solano, MD - University of Texas Southwestern Medical Center**

We commend all of the ASPIRE fellows for choosing to invest additional time in their education and congratulate them for representing the future of our field! Learn more about this exciting program, at <http://www.aspirefellowship.com>. The 2023 -2024 awardees will be announced at the SRN assembly meeting/reception at the ATS national meeting in Washington, DC on Monday, May 22, 2023.

Requirements include CV of the applicant, a 1-2 page statement of research goals and why they are a candidate for the ASPIRE fellowship and letter from mentor. **Please contact Javier Guzman, Associate Director, Assembly American Thoracic Society ([jguzman@thoracic.org](mailto:jguzman@thoracic.org)) with any questions.**

- 7. SRN Sleep Medicine Fellowship Program Directors (PD) activities:** I am grateful to **Dr. Michelle Zeidler** for her great efforts to lead the establishment of this program. With assistance of ATS staff, they have created the Sleep PD Basecamp that allows real time communication and collaboration among Sleep PD's from across the country, with a few Canadian members joining as well. This has served as a phenomenal resource for information sharing, apprising PDs of key updates and a platform for discussion of key issues facing fellowship programs. Dr. Zeidler and colleagues previously led the Distance Learning Town Hall as well as an AIRE Pilot Opportunities symposium, the latter to increase awareness of innovations in the structure of fellowship constructs. Continued goals for the upcoming year include creating sub-committees to set a bank of evaluation materials, as well as a bank of core reading materials, which will be accessible to all Sleep PDs on the Basecamp site.
- 8. SRN PhD-related activities:** We are very fortunate to have **Dr. Brian Cade** representing SRN on the ATS Scientific Innovations Center (SIC) and the ATS PhD and Basic and Translational Scientist Working Group (PBTS WG). Our PhD members are very valued, key members whose perspective is essential to the success in cross-cutting ATS activities. In his summary below, Dr. Cade provides substantive opportunities for basic and translational scientists including initiatives to enhance engagement. The SIC, for example, facilitates a research proposal competition, awards, programming separate from the IC, the latter including presentations pertaining to career development. The PBTS WG is focused on important initiatives such as identifying and overcoming barriers for PhD scientists to attain tenure-track faculty status, working with the SIC to conduct MD-PhD networking, developing strategies to enhance PhD representation in T32 programs and developing dedicated awards programs. Please reach out to Dr. Cade with questions regarding these important initiatives.
- 9. Research Grants and SRN Assembly intramural research grant review:** The ATS Research Program has a variety of funding opportunities, including unrestricted grants (information is located here: <https://research.thoracic.org/grants/>). The program historically has supported 2-3 sleep related grants each year, with three awards in 2021: Dr. Peng Li, from University of Michigan for his project "Regulation of sighs and post-sigh apneas by sleep-wake states", Dr. Rachel Jen, from Vancouver General Hospital for her project entitled "Pilot study of antioxidant therapy in OSA patients" and Dr. Brian Cade from Brigham and Women's Hospital for his project "Pulmonary disease contributions to COVID-19 morbidity and mortality." Last year, Mohammad Badran, PhD, B Pharm, MSc, University of Missouri received an award for his project entitled: *Effects of intermittent hypoxia on coronary artery function in PAI-1 transgenic mice*. The 2023 Awards have not yet been announced. The SRN Assembly is working with the Scientific Grant Review Committee to make sure that we preserve and increase the grants allocated for Sleep. I am happy to report that the sleep expertise on the committee to review applications from our members has been substantially bolstered.

We have a great resource which has been established, i.e. Assembly intramural grant review process, aimed at improving the quality of the applications prior to submission to the ATS Research Program. I sincerely thank **Dr. Robert Owens** for his leadership in establishing this committee which offers review services. Each applicant who submits a letter of intent to the ATS is contacted and offered one of two grant review services:

1) An expedited review of a near final application: Two weeks before the deadline, 1-2 anonymous reviewers review the proposals. The reviewers are senior SRN members, some of whom have previously been part of the ATS Scientific Advisory Committee (SAC). They return the applications ~1 week before the final deadline. This review serves as a “fresh set of eyes” on the application and provides feedback that could be implemented before the final submission.

2) Remote grant development: based on the subject matter of the grant, the applicant gets paired with an external, experienced researcher in the field who provides ongoing input as the grant is being developed, through its final submission. The expectation is that the external mentor would meet virtually with the applicant every two weeks. Thus, the external mentor gives input on the aims at all stages of the proposal.

I urge you to contribute to the ATS Research Program to help support young investigators doing cutting edge research in our field. If you are a young investigator, consider applying for one of the ATS Research Program awards!

10. **Pediatric Sleep. I appreciate the continued efforts of Dr. Raanan Arens from SRN, and Dr. Laura Sterni and Dr. Refika Ersu from the Pediatric Assembly** to build bridges across our assemblies. The ATS Assemblies on Pediatrics and on Sleep and Respiratory Neurobiology (SRN) are working to develop in the upcoming year a Pediatric Sleep Interest Group within the ATS. This group will work closely with sleep experts from national and international organizations (e.g. APSS, AASM, ERS) and integrate these members into a cohesive working group providing consensus opinions and feedback to the ABP and ABIM on all matters regarding MOC/LKA and examination content as well as other matters related to the field such as educational materials, and research priorities.
11. **ATS-Wide Committee Representation from SRN.** We are fortunate to have **Dr. Indu Ayappa**, as our liaison for the Research Advocacy Committee (RAC) who I am so pleased to relay **has been selected to serve as Vice Chair! Dr. Sushmita Pamidi** serves on the Membership and International Health Committee, **Dr. Lucas Donovan** for the Members In Training and Transition (MITT) Committee and **Dr. Brian Cade** representing SRN on the ATS Scientific Innovations Center (SIC) and the ATS PhD and Basic and Translational Scientist Working Group (PBTS WG) and **Dr. Vaishnavi Kundel** on the Education Committee. Please read the reports below highlighting the objective and their contributions to these committees.
12. A townhall series on the highly relevant topic of **Sleep, Wellness and Burnout is being coordinated by Drs. Indira Gurubhagavatula, Mihaela Teodorescu and Sushmita Pamidi. I am grateful for their thoughtful leadership** to develop this series which has been incredibly well-received.
13. **SRN Assembly Membership Meeting and ASPIRE Networking Reception:** Mark your calendar for this meeting **set for Monday, May 21, 5-7 pm EDT!**

I am pleased to share that the meeting format will be different this year. We will have the Business meeting which will start promptly at 5PM with some brief networking time from 5:00 to 5:15 PM EST. Our panel herein will be updating the membership on the Assembly's programs and activities, discussing plans for the upcoming year and opportunities for engaging with the Assembly activities. New leadership will also be announced.

We will then transition and have a networking ASPIRE reception with food and drink, recognition of ASPIRE fellows and presentation of SRN awards.

We are excited about this new format which hopefully will resurrect the days when the SRN reception took place and provided a wonderful opportunity to connect with colleagues over food and drink. As a young, early career investigator, I have fond memories of having the opportunity to the first time meet leaders in our field under the umbrella of the SRN.

The Assembly Executive Committee and I encourage and welcome your input and involvement with the ATS. Feel free to contact me at [mehrar@ccf.org](mailto:mehrar@ccf.org) and now Dr. Robert Owens at [rowens@ucsd.edu](mailto:rowens@ucsd.edu) if you wish to volunteer for our Assembly activities, or with any questions and ideas for what the Assembly can do, to better meet your needs! To get involved with the overall ATS Committees, **we encourage you sign up at the [Get Involved Portal](#) which the ATS has specifically created for this purpose** and to look for ways to participate in global ATS-wide committees as well.

## PROGRAM COMMITTEE

Andrey Zinchuk, MD, MHS (Chair) & Bharati Prasad, MD, MS, ATSF (Chair-Elect)

Bharati and I look forward to seeing you in Washington, D.C., for what is shaping up to be an outstanding sleep program.

We are grateful to all of you who made this possible by submitting proposals for the Symposia, Post Graduate Courses, Meet the Expert sessions, and of course, for the cutting-edge science reflected in your abstracts. Thank you also to those who agreed to those serving as Chairs and Moderators for the sessions.

The SRN Programming Committee this year represents scientists, clinicians, and educators worldwide and spans members from fellow to professor levels. Thanks to their hard work, we have created a fantastic program covering a rich landscape of sleep science: from breakthroughs in genomics and animal models to clinical trials and practice pearls.

The theme for SRN Programming Committee this year is collaboration. Several sessions are co-sponsored by our colleagues from Pediatrics, Behavioral Science and Health Services, Critical Care, Allergy, Immunology, and Inflammation, as well as Respiratory Cell and Molecular Biology.

This year the SRN is also grateful for collaborating with colleagues from the National Center on Sleep Disorder Research colleagues. Look for the NIH-sponsored sessions in the program and meet the NIH scientists participating in our Mini-Symposia and Thematic Poster sessions.

To help with your conference planning, please see the SRN Program Brochure for 2023.

We look forward to seeing you at ATS 2023 in Washington D.C.

### ATS 2023 International Conference Assembly on Sleep and Respiratory Neurobiology (SRN) Sessions

Session Code	Session Title	Session Type	Session Date	Session Start Time	Session End Time
A18	BREAKING NEWS IN OSA: NEW APPROACHES AND NEW TRIALS	Mini Symposium	5/21/2023	9:00 AM	11:00 AM
A72	NEW INSIGHTS INTO PAP EFFECTIVENESS	Thematic Poster Session	5/21/2023	9:00 AM	4:15 PM
A73	DISPATCH FROM THE SLEEP LAB: UNCOVERING OSA PATHOPHYSIOLOGY	Thematic Poster Session	5/21/2023	9:00 AM	4:15 PM
MTE2	IS OBSTRUCTIVE SLEEP APNEA EFFECTING MY BRAIN; LESSONS FROM BENCH TO BEDSIDE	Meet the Expert	5/21/2023	10:15 AM	11:15 AM
A90	MYTHS OR TRUTHS: CONTROVERSIES IN RESPIRATORY MEDICINE, THE NEW FRONTIER	Scientific Symposium	5/21/2023	2:15 PM	3:45 PM

A109	MICE TO HUMANS: MECHANISTIC DISCOVERIES IN SLEEP APNEA	RAPiD: Rapid Abstract Poster Discussion Session	5/21/2023	2:15 PM	4:15 PM
B6	NON-PAP ALTERNATIVES FOR OSA: FROM ACCEPTED TO REVOLUTIONARY	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B71	BEYOND CPAP: THERAPIES FOR SLEEP APNEA	Thematic Poster Session	5/22/2023	9:00 AM	4:15 PM
MTE30	OBESITY HYPOVENTILATION SYNDROME: CLINICAL APPROACH	Meet the Expert	5/22/2023	12:00 PM	1:00 PM
B109	BIOMARKERS, GENETICS, AND OMICS IN SLEEP DISORDERED BREATHING	Poster Discussion Session	5/22/2023	2:15 PM	4:15 PM
C10	OPIOID USE DISORDER, SLEEP DEFICIENCY, AND VENTILATORY CONTROL: BIDIRECTIONAL MECHANISMS AND THERAPEUTIC TARGETS	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C74	DO NOT MISS: SLEEP DISORDERS IN VULNERABLE POPULATIONS	Thematic Poster Session	5/23/2023	9:00 AM	4:15 PM
C75	SLEEP GEMS: CASE REPORTS FROM THE WORLD OF SLEEP MEDICINE	Thematic Poster Session	5/23/2023	9:00 AM	4:15 PM
MTE45	CENTRAL SLEEP APNEA, PATHOPHYSIOLOGICAL CLASSIFICATION AND RELATED MANAGEMENT	Meet the Expert	5/23/2023	12:00 PM	1:00 PM
C110	ADVANCED SIGNAL ANALYSIS: NEW DIAGNOSTICS AND PHYSIOLOGIC INSIGHTS FOR SDB	Poster Discussion Session	5/23/2023	2:15 PM	4:15 PM
C98	RISKY BUSINESS: PREDICTING CONSEQUENCES OF OSA	Mini Symposium	5/23/2023	2:15 PM	4:15 PM
D20	MECHANISTIC INSIGHTS IN SLEEP DISORDERED BREATHING	Mini Symposium	5/24/2023	8:00 AM	10:00 AM
D30	INTEGRATING OSA AND COMORBIDITIES FOR EFFECTIVE THERAPIES	Poster Discussion Session	5/24/2023	8:00 AM	10:00 AM
MTE53	WHAT ARE THE REASONS FOR THE NEGATIVE RESULTS OF RCTS IN OSA	Meet the Expert	5/24/2023	11:00 AM	12:00 PM
D89	OSA-ASSOCIATED INFLAMMATION AND COMORBIDITIES: CAUSES AND CONSEQUENCES	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM
A90	MYTHS OR TRUTHS: CONTROVERSIES IN RESPIRATORY MEDICINE, THE NEW FRONTIER	Jointly-Developed Symposium	5/21/2023	2:15 PM	3:45 PM

**ATS 2023 INTERNATIONAL CONFERENCE  
ADDITIONAL SESSIONS OF INTEREST**

<b>Session Code</b>	<b>Session Title</b>	<b>Session Type</b>	<b>Session Date</b>	<b>Start Time</b>	<b>End Time</b>
A11	CARING FOR HISTORICALLY MARGINALIZED PATIENTS: ETHICAL, LEGAL AND ADVOCACY PRIMER FOR PROVIDERS	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM

A10	ASTHMA HOT TOPIC 2023: WHICH "ICS PLUS BRONCHODILATOR" RELIEVER FOR WHICH PATIENT?	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A9	USING TECHNOLOGY TO SAVE THE BRAIN AND BODY: NOVEL INTERVENTIONS TO MANAGE PAIN, ANXIETY, DELIRIUM, AND PROMOTE MOBILITY IN ICU	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A8	BRONCHOPULMONARY DYSPLASIA ACROSS THE LIFESPAN	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A7	THE NEW ATS CLINICAL PRACTICE GUIDELINES FOR PULMONARY REHABILITATION	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A6	BEYOND TRANSCRIPTOMICS: THE NEXT FRONTIER IN COPD/EMPHYSEMA	Scientific Symposium	5/21/2023	9:00 AM	10:30 AM
A89	CAN ENVIRONMENTAL INTERVENTIONS CHANGE THE SOCIAL DETERMINANTS OF HEALTH?	Scientific Symposium	5/21/2023	2:15 PM	3:45 PM
A87	NEW TREATMENT APPROACHES FOR BRONCHIECTASIS	Scientific Symposium	5/21/2023	2:15 PM	3:45 PM
A88	NEURO-IMMUNE INTERACTIONS IN LUNG DEVELOPMENT AND DISEASE	Scientific Symposium	5/21/2023	2:15 PM	3:45 PM
B12	ATS CLINICAL PRACTICE GUIDELINES: CLINICAL PRACTICE ON THE CUTTING EDGE	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B7	SICKLE CELL LUNG DISEASE ACROSS THE LIFESPAN: WHERE ARE WE NOW?	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B8	BEYOND THE LUNGS: EXTRAPULMONARY MANIFESTATIONS OF PULMONARY VASCULAR DISEASE	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B11	GLOBAL INSIGHTS ON THE LONG-TERM SEQUELAE OF INFECTIONS: BEYOND COVID	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B9	SEX-SPECIFIC MECHANISMS OF LUNG DISEASE PATHOGENESIS THROUGH THE LENS OF SINGLE CELL RNA SEQUENCING	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B6	NON-PAP ALTERNATIVES FOR OSA: FROM ACCEPTED TO REVOLUTIONARY	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B10	REIGNITING THE CANCER MOONSHOT: ATS = MISSION CONTROL FOR LUNG CANCER	Scientific Symposium	5/22/2023	9:00 AM	10:30 AM
B92	INNOVATIVE APPROACHES TO PERSONALIZED SEVERE ASTHMA MANAGEMENT	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B90	IMPROVING THE DIAGNOSIS AND MANAGEMENT OF PEDIATRIC ACUTE RESPIRATORY DISTRESS SYNDROME	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B88	LEAPS AND BOUNDS: REDUCING HEALTHCARE'S CARBON FOOTPRINT	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B87	CONTROVERSIES IN PEDIATRIC OBSTRUCTIVE SLEEP APNEA: A PRO/CON DEBATE	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
B89	TRANSCRIPTOMIC PROFILING OF PULMONARY VASCULAR LESIONS UNRAVEL MECHANISMS OF PULMONARY ARTERIAL HYPERTENSION	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM

B86	PRECISION MEDICINE IN PNEUMONIA	Scientific Symposium	5/22/2023	2:15 PM	3:45 PM
C11	ADVANCING CLINICAL ISSUES TO ATS AND CAPITOL HILL: THE OXYGEN THERAPY EXEMPLAR	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C6	DISPARITIES IN RESPIRATORY GENOMICS RESEARCH: STRATEGIES TO ADVANCE SCIENCE AND CLINICAL CARE	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C5	DISMANTLING STRUCTURAL RACISM FROM RISK AND DISEASE PREDICTION IN PULMONARY AND CRITICAL CARE MEDICINE	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C8	NEW CONCEPTS AND UPDATE IN THE DIAGNOSIS AND MANAGEMENT OF NTM AND TB INFECTIONS	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C9	REHABILITATION FOR THE POST-COVID POPULATION	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C10	OPIOID USE DISORDER, SLEEP DEFICIENCY, AND VENTILATORY CONTROL: BIDIRECTIONAL MECHANISMS AND THERAPEUTIC TARGETS	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C7	CANCER IN THOSE WHO HAVE NEVER SMOKED: NEW INSIGHTS FROM BENCH TO BEDSIDE	Scientific Symposium	5/23/2023	9:00 AM	10:30 AM
C89	ACHIEVING HEALTH EQUITY: REDUCING THE IMPACT OF SDOH THROUGH RESEARCH AND ADVOCACY	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C85	A PATH TOWARDS A MORE DIVERSE AND INCLUSIVE WORKFORCE	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C88	BIOLOGICAL IMPACT OF COVID-19 ACROSS THE LIFESPAN	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C87	A MEASURED RESPONSE: ASSESSING TREATMENT OUTCOMES IN PULMONARY HYPERTENSION	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
C86	BEYOND THE TRANSCRIPTOME: HOW THE MULTI-"OMIC" UNIVERSE PROVIDES NOVEL INSIGHTS INTO IPF/ILD PATHOGENESIS	Scientific Symposium	5/23/2023	2:15 PM	3:45 PM
D5	REVISITING BEST BUY INTERVENTIONS FOR THE DIAGNOSIS AND MANAGEMENT OF CHRONIC RESPIRATORY DISEASES IN LOW- AND MIDDLE-INCOME COUNTRIES	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D6	OBESITY-RELATED ASTHMA: MECHANISTIC STUDIES BEGIN TO INFORM THERAPEUTICS	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D10	AN AGE-FRIENDLY FRAMEWORK FOR CARING FOR OLDER ADULTS WITH CHRONIC LUNG DISEASE	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D7	WANT TO BE AN ADVOCATE FOR LUNG HEALTH? LEARN FROM SUCCESS!	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D8	UNDER THE MAGNIFYING GLASS: OMICS AND DEEP PHENOTYPING IN PULMONARY VASCULAR DISEASES	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM

D9	IT'S ABOUT TIME! THE CIRCADIAN CLOCK IN LUNG DISEASE, FROM BENCH TO BEDSIDE	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D11	THE EVOLVING ROLE FOR IMMUNOTHERAPY IN LUNG CANCER	Scientific Symposium	5/24/2023	8:00 AM	9:30 AM
D86	HUMANS, ANIMALS, THE ENVIRONMENT: WHY IS THE ONE HEALTH APPROACH NEEDED FOR EMERGING HEALTH ISSUES?	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM
D87	THE UN HIGH LEVEL MEETING ON TB 2023: A CHANCE TO BEAT THIS PARTICULAR PANDEMIC	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM
D88	BEYOND BIOENERGETICS: CELLULAR METABOLISM IN LUNG HEALTH AND DISEASE	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM
D89	OSA-ASSOCIATED INFLAMMATION AND COMORBIDITIES: CAUSES AND CONSEQUENCES	Scientific Symposium	5/24/2023	12:00 PM	1:30 PM

## PLANNING COMMITTEE

Sachin R. Pendharkar, MD, MSc ATSF (Chair)

The Planning Committee continues to support the development and review of Assembly Projects. For 2023, one new workshop project was approved, entitled *The great controversy of obstructive sleep apnea treatment for cardiovascular risk benefit: moving the needle through scientific consensus* (submitted by Dr. Oren Cohen) – congratulations to Dr. Cohen and team!

The following SRN projects were renewed:

- *Management of persistent, post-adenotonsillectomy obstructive sleep apnea in children* – Clinical Practice Guideline (Dr. Zarmina Ehsan) – undergoing peer review
- *The causes, consequences, and treatments of sleep and circadian disruption in the ICU* – Research Statement (Dr. Melissa Knauert) – in press in AJRCCM
- *Strategies to assess long-term outcomes of continuous positive airway pressure (CPAP) use among symptomatic patients with obstructive sleep apnea (OSA)* – Workshop Report (Dr. Lucas Donovan) – undergoing peer review

A Policy Statement entitled *Moving Towards Equitable Care for Sleep Apnea in the United States: Adherence Thresholds*, led by Dr. Martha Billings, is in press in AJRCCM.

The SRN also co-sponsored a newly approved workshop project led by the ATS Nursing Assembly, entitled *Priorities for healthcare systems emergency preparedness in inpatient settings: lessons learned from COVID-19*. We look forward to working with our nursing colleagues on this project!

**Now is a great time to start exploring project ideas for 2024!** Members are encouraged to contact Dr. Sachin Pendharkar if you would like to discuss any ideas. Details on project proposals are available at: <https://www.thoracic.org/members/assemblies/about/assembly-project-application-resource-center.php>.

The SRN Assembly offers 3 prestigious awards to honour the achievements of our outstanding colleagues. At the 2022 ATS International Conference in San Francisco, we were able to celebrate the successes of the winners of the following awards:

- James B. Skatrud New Investigator Award – **Dr. Anna May, MD MS**
- Lifetime Achievement Award – **Dr. Susan Redline, MD MPH**
- Carol L Marcus Award Outstanding Achievement Award – **Dr. Rene Cortese, PhD**

You can learn more about the award winners and their significant contributions at <https://www.thoracic.org/members/assemblies/assemblies/srn/awards/>.

On behalf of the SRN Assembly, I would like to thank the Planning Committee members who devote their time and expertise to supporting the above activities.

Sachin Pendharkar, MD ATSF  
Chair, SRN Planning Committee  
([sachin.pendharkar@ucalgary.ca](mailto:sachin.pendharkar@ucalgary.ca))

### Submit an Assembly/Committee Project Application for Funding in FY2024!

We are happy to announce that ATS will once again accept **NEW Assembly/Committee Projects for FY2024**. 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](http://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 Sachin R. Pendharkar, MD MSc ATSF at [sachin.pendharkar@ucalgary.ca](mailto:sachin.pendharkar@ucalgary.ca)**.

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

## WEB COMMITTEE REPORT

Ninotchka Sigua, MD, ATSF & Nancy Stewart, DO, MS (Web Directors)

The Web committee continues to provide excellent online resources and virtual platforms for communication and information exchange of content related to sleep and respiratory neurobiology. The mission of the SRN Assembly Website committee is to promote sleep education for professionals and patients, support academic pursuits of research and publication, and to create a network by which members of our assembly can foster collaborations to further the field of Sleep Medicine. This year, we have actively collaborated with multiple societies on our webinars, journal clubs and podcasts. We have also significantly increased our pediatric sleep-related content. Here are some highlights from our different subcommittees.

### Journal Club/ Webinar/Podcasts (Chairs Dr. Refika Ersu and Dr. Helena Schotland)

#### Journal Clubs

1. [Obstructive Sleep Apnea and Hypertension with Longitudinal Amyloid- \$\beta\$  Burden and Cognitive Changes \(Joint journal club with AASM\)](#)
2. [Ventilatory Drive Withdrawal Rather Than Reduced Genioglossus Compensation as a Mechanism of Obstructive Sleep Apnea in REM Sleep](#)

#### Webinars

3. [Congenital Central Hypoventilation Syndrome: Forgetting to Breathe](#)
4. [Classification of OSA severity: More than Meets the AHI \(Joint webinar with ERS\)](#)
5. [Masks and Machines – Update on Philips FDA Guidance \(Joint webinar with AASM, Chest and Canadian Thoracic Society\)](#)
6. [Sleep is now in AHA Life's Essential 8! An ATS-SRN Perspective](#)
7. [Sleep Disordered Breathing in Down Syndrome: From Childhood to Adulthood \(Joint webinar with Canadian Thoracic Society\)](#)

#### Podcasts

8. [Pediatric PAP Adherence: Selecting the Optimal PAP Setting to Improve Patient Adherence](#)
9. [Pediatric PAP Adherence: Utilizing Alternative PAP supplies and Alternatives to PAP Therapy](#)
10. [Pediatric PAP Adherence: Medication Utilization for PAP Desensitization and Sleep Initiation and Maintenance in Special Pediatric Patient Populations](#)
11. [Pediatric PAP Adherence: The Role of Telehealth and Remote Tracking Programs to Improve Pediatric PAP Adherence](#)

12. [Pediatric PAP Adherence: Handling Loss to Follow-up and When to Stop Psychology Involvement and Seek Alternatives to PAP Therapy](#)

Watch out for these Upcoming Events

- Positive Airway Pressure Adherence, Mortality, and Cardiovascular Events in Patients with Sleep Apnea
- Neurobehavioral Morbidity of Pediatric Mild Sleep-Disordered Breathing and OSA
- Podcast on Health Equity and Disparities in OSA
- Podcast on Sleep and Cardiovascular Health
- Podcast on Opioids and Sleep-Disordered Breathing

If you missed any of our events, recordings are available online at <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/>. If you have any ideas for webinar topics or articles for journal club, please contact Dr. Ersu or Dr. Schotland.

**Education (Chairs Dr. Iris Perez and Dr. Melissa Maloney)**

Our Education subcommittee continues to be busy updating our sleep-related questionnaires (<https://www.thoracic.org/members/assemblies/assemblies/srn/questionnaires/>) and patient education pamphlets (<https://www.thoracic.org/members/assemblies/assemblies/srn/patient-educational-materials/>). These are excellent online resources that are highly utilized by our sleep clinicians and researchers.

Watch out for the following patient education pamphlets that are coming out soon “Guidance for People with Implanted Metallic Devices who use PAP masks”, “Actigraphy” and “Sleep and Sickle Cell Disease”.

A new initiative for the Education subcommittee this year is to contribute to the repository of sleep-related clinical cases on the web-based ATS quick hits (<https://www.thoracic.org/professionals/clinical-resources/quick-hits/>).

**Funding (Chair Dr. Madalina Macrea)**

Dr. Macrea maintains an updated list of funding opportunities relevant to sleep research at <http://www.thoracic.org/members/assemblies/assemblies/srn/funding-opportunities/>. If you are aware of any other funding opportunities that is not on our website, please email [madalina.macrea@va.gov](mailto:madalina.macrea@va.gov).

**Social Media (Chair Dr. Rakesh Bhattacharjee)**

We continue to grow our social media presence and have an active Twitter account. Follow us at @ATSSRN! If you have relevant SRN events or scholarly work to share, please send it to [rakesh@ucsd.edu](mailto:rakesh@ucsd.edu).

It has been a pleasure working in this role and I would like to thank all the subcommittee chairs and the committee members for all their dedication and hard work. I would also like to thank the SRN Executive Committee for their support and guidance. If you have ideas for new topics or want to get involved in our activities, please contact the incoming Web Committee Chair Dr. Nancy Stewart ([nstewart5@kumc.edu](mailto:nstewart5@kumc.edu)) and Co-Chair Dr. Refika Ersu ([RErsu@cheo.on.ca](mailto:RErsu@cheo.on.ca)). Looking forward to seeing everyone in Washington, DC at the ATS 2023 International Conference!

Sincerely,

Ninotchka Sigua, MD, ATSF and Nancy Stewart, DO, MS

Web Committee Directors, Assembly on Sleep and Respiratory Neurobiology (SRN)

Be sure to follow us at [@ATS\\_Assemblies](#) for news on webinars, deadlines, and other things you might have missed in your inbox!

## EARLY CAREER WORKING GROUP REPORT

Oren Cohen (Chair), Aesha Jobanputra, MD and Priya Broker, MD (Co-Chairs)

The goal of the SRN Early Career Working Group is to improve engagement of trainees and new members within ATS and the SRN assembly, and to provide career opportunities for clinicians and researchers within the field of sleep medicine. Spurred by a core group of engaged members, we have maintained a number of initiatives this year:

- 1) **Early Career Virtual Happy Hours:** The broad adoption of virtual meetings has created unique remote networking opportunities that are crucial for early career professionals. We hosted two Virtual Happy Hours during the 2022-2023 academic year to allow fellows and junior faculty to meet with leaders in the field in a more relaxed atmosphere. Topics included “*Managing Inpatient and Outpatient Sleep Services*” in the Fall 2022 and “*Making the Most of Your ATS Annual Meeting*” in Spring 2023. Please let us know which interesting topics you’d like to hear more about and look out for more virtual happy hour announcements coming Summer 2023!
- 2) **Newsletters and Pamphlets:** To maintain communication with trainees, we maintained quarterly early career newsletters focused on informing both pulmonary and sleep medicine fellowship program directors and trainees about ATS SRN activities, grants, training, and career opportunities. Further, we have combined efforts with the Web and Planning Committees to release periodic newsletters for the greater SRN community amalgamating links to various SRN related activities and deadlines. Lastly, we’ve also created and maintained an early career professionals focused grants pamphlet, highlighting amazing funding opportunities from a variety of sources. Check it out on the SRN webpage.
- 3) **SRN Apprenticeship Program:** Our apprenticeship program allows for fellows and new faculty to gain experience on the Program, Planning, and Web Committees. Apprentices serve under the mentorship of a committee member and develop skills in executing various committee projects. Our 2022-2023 apprentices were Dr. Weston Powell-Program Committee, Dr. Megan Lowery-Planning Committee, and Dr. Ashesha Mechineni-Web Committee. We have also selected apprentices for the SRN program, planning, and web committees for 2023-2024.
- 4) **Twitter Chat:** In partnership with the ATS Members in Training and Transit Committee (MITT), we hosted our fourth Twitter Chat focused on “*The Value of Additional Training in Sleep Medicine and Research*”. It was an exciting discussion between early career investigators and established sleep faculty involved in the ATS SRN assembly and engaged the greater #MedTwitter community too! We are excited to continue to expand these outreach programs.
- 5) **ATS Assemblies Teaching Competition:** SRN ECWG plans to participate in the ATS-wide early career working groups collaborative effort in the 2023 ATS ECWGs teaching competition for trainees and early career professionals. Notably, in addition to bragging rights, the winner gets a cash prize!
- 6) **Mentor/Mentee Pairing:** We will continue our mentorship pairings in a hybrid in-person/virtual format for 2023. Mentors and mentees are paired and can meet either virtually or in person at the annual ATS international conference. These relationships are great ways to network and get to know more folks in the sleep field, or simply to provide career advice on grant writing, job interviews, and work-life balance.

If you know trainees or early career professionals (clinicians and PhDs) who might be interested in joining our SRN ECWG, please email Oren Cohen ([oren.cohen@mountsinai.org](mailto:oren.cohen@mountsinai.org)), Priya Borker ([borkerpv@upmc.edu](mailto:borkerpv@upmc.edu)), and/or Aesha Jobanputra ([jobanpam@rwjms.rutgers.edu](mailto:jobanpam@rwjms.rutgers.edu)).

### 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.

**Renaissance Hotel**

**(Lobby level: Red Bud Room)**

Sunday, May 21 – Monday, May 22 from 7 am to 7 pm

**Please note, this space is exclusively for Mentoring Program participants\***

ATS Contact- Nicole Feijoo at [NFeijoo@thoracic.org](mailto:NFeijoo@thoracic.org)

## SCIENCE AND INNOVATION CENTER (SIC) REPORT

Brian Cade, PhD, SRN Representative

The SIC is a place to network, learn about emerging new technologies advancing research in respiratory, critical care and sleep medicine, and engage in professional and career development. In addition, the Center hosts the annual PhD Reception, the annual Bear Cage (Building Education to Advance Research) research proposal competition, the Rising Star Awards as well as the SIC Abstract Awards. The SIC Planning committee works collectively with multiple ATS assemblies to program and create exciting new initiatives of interest to all ATS members. The principles of the Center are Networking, Career Assistance, Education and Social Opportunities. The SIC is a particularly good venue to learn research techniques from experts in diverse assemblies in a face-to-face setting. The SIC venue is a good place to submit your work in a long format that may not fit into a traditional scientific abstract platform talk context. Please get in touch if you are interested in submitting your work for the next conference.

The PhD reception is a social event with light food and drinks. The focus is on research and research scientists of all backgrounds. We will have an optional bingo game to encourage attendees to meet potential new collaborators and tables for informal discussions around different themes. Last year we were honored that Dr. Schnapp and other members of leadership attended, highlighting the importance of PhDs and researchers more generally to the Society. The PhD reception is tentatively scheduled for Sunday from 3 - 5 PM. Typically an invitation to the PhD reception is sent out later in the year, e.g. via Twitter: <https://twitter.com/atsearlycareer/status/1513668463939792897>. Please email Brian Cade ([bcade@bwh.harvard.edu](mailto:bcade@bwh.harvard.edu)) with your ideas on how to shape this event to better help you and fellow research scientists.

This year the SIC has combined programming with Center for Career Development, Clinicians Center, International Participants Center, and ATS Center in one location in a combined Networking Super Center (<https://conference.thoracic.org/attendees/networking-super-center/>). The ATS is planning to include a finalized schedule of events in the main ATS program app this year.

## PHD AND BASIC AND TRANSLATIONAL SCIENTIST WORKING GROUP REPORT

Brian Cade, PhD, SRN Representative

The PhD and Basic and Translational Scientist Working Group (PBTS WG) is charged with enhancing the value of ATS membership for basic and translational scientists. The PBTS WG consists of thirty-six members that are drawn from each of the fourteen ATS Assemblies. The WG meets monthly to discuss issues of importance to non-clinical ATS members (eg PhD scientists) and research-intensive physician-scientists. The current co-chairs of the PBTS WG are Drs. Samantha Yeligar (PI-TB) and James Londino (RCMB).

During the past year, the PBTS WG has been active in developing programs and devising strategies to recruit PhD scientists to the Society. Some of the WG's efforts include:

1. **Research Integrity.** There is a need for formally recognized research integrity training for basic science and translational researchers as scientific organizations increasingly require training be specified in grant applications and for fellowships. The Research Integrity subcommittee, headed by Thomas Mariani, PhD (RCMB), was formed with the goal of promoting ATS as a recognized leader among professional societies in promoting the basic principles of Research Integrity through education, information dissemination and collaboration and to make integrity a part of all ATS members' research practices, procedures, and processes.
2. **Seminar.** With the goal of highlighting PhD scientists and innovative methods/techniques in a seminar format, the Seminar subcommittee was formed under the co-leadership of Nicholas Jendzjowsky, PhD (All) and Lindsay McDonald, PhD (RCMB). The planned structure for 2-3 seminars per year with the co-sponsorship of assemblies

within the ATS is a discussion of the research, preferably by a PhD early career scientist, followed by discussion. We are also reaching out to stake holders in funding agencies to discuss how research techniques fit into their funding portfolio.

3. **Survey.** To understand the rationale as to why PhD scientists attend the ATS International Conference but are not ATS members, Janette Burgess, PhD, ATSF (RSF) has assembled a subcommittee of PBTS WG members to design a survey to answer this question. This survey will be distributed to all 2023 ATS International Conference attendees who hold a PhD or equivalent and spend 50% or more of their time in research yet are not currently ATS members. The PBTS WG hopes to use the survey data to understand how the ATS and PBTS WG can be best equipped to address their needs.
4. **Equity and ATS Opportunities.** Under the co-leadership of Carolyn Cannon, M.D., PhD (PI-TB) and Melissa Valerio-Shewmaker, MD, MPH (BSHSR), among several foci, the Equity and ATS Opportunities subcommittee is working on emphasizing a parity in the fee structure for PhD scientists at the conference. This subcommittee has also worked with the ATS Health Equity and Diversity Committee to help promote diversity.
5. **Assembly Project.** On behalf of the PBTS WG, Bethany Moore, PhD, ATSF spearheaded the development and submission of an Assembly Project through RSF entitled “Ph.D.s in Clinical Departments: Barriers, Opportunities and ATS Membership”. This project addressed the perception that many PhD scientists contribute to the mission of subspecialty clinical divisions within Departments of Medicine and of Pediatrics, yet barriers exist for them to attain tenure-track faculty status. By convening a virtual meeting in 2022 of Medical School Deans, Department Chairs, Division Directors, NIH Administrators, and PhD scientists with a vested interest in adult and pediatric pulmonary, critical care, and sleep medicine, the organizers of this project hoped to demonstrate to Division Directors the importance of including PhD scientists in their hiring plan and providing the necessary support for their ultimate success. A manuscript, currently in revision, detailing the contributions of PhD scientists in clinical departments came out of this project’s successful completion.
6. **Brochure.** Along with graphic designers at the ATS, a PBTS WG subcommittee headed by James Londino, PhD (RCMB) has put together a two-sided brochure highlighting the advantages of ATS membership for PhD scientists. This brochure specifically targets PhD scientists who attend the ATS International Conference but who are not currently ATS members. A hard copy of this brochure will be available at various locales at the 2023 ATS International Conference in Washington, D.C. In addition, an electronic version will be available online.
7. **PBTS WG/Science and Innovation (SIC) Center Collaboration Events.** On February 8, 2022, PBTS WG members, Natalie Bauer, PhD (PC) and Samantha Yeligar, PhD (PI-TB), co-chaired a networking event along with the SIC entitled “Successful Collaborations”. At this event, two U.S.- and two European (U.K.)-based MD and PhD scientific collaborators discussed how their professional scientific relationship evolved and became successful. Afterwards, participants went into separate breakout rooms for an in-depth discussion on the formation and endurance of these collaborations with either the U.S.- or European (U.K.)-based collaborators. The PBTS WG/SIC hope to provide more PhD-centric events in the upcoming year. In addition, the PBTS WG co-hosted the Science and Innovation Center PhD Reception at the 2022 ATS International Conference in San Francisco, CA.
8. **Awards.** A PBTS WG Awards subcommittee was established and is co-chaired by Karen Ridge, PhD (RCMB) and Anne-Karina Perl, PhD (RCMB). The purpose of this subcommittee is to identify and nominate worthy basic and translational scientists (i.e., PhD scientists) for the annual Assembly- and ATS-wide awards.

Finally, if you would like to become involved with the PBTS WG or have any issues you feel that WG could effectively address, please feel free to e-mail Brian Cade ([bcade@bwh.harvard.edu](mailto:bcade@bwh.harvard.edu)) and/or PTBS leadership (Samantha Yeligar, [samantha.yeligar@emory.edu](mailto:samantha.yeligar@emory.edu) and James Londino, [james.londino@osumc.edu](mailto:james.londino@osumc.edu)).

## Reception for PhDs & Other Basic Science Researchers

**Sunday, May 21 from 3 p.m. - 5 p.m.** The reception will be held in the Science and Innovation Center (SIC) at the Walter E. Washington Convention Center (Reception area in Hall D, Level 2). 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.

**Register Here:** <https://conference.thoracic.org/program/events/reception-phd-other-basic-science-researchers.php>

## PROGRAM DIRECTOR'S COMMITTEE

Chair Michelle Zeidler MD

The Sleep Fellowship training programs continue to evolve and innovate leading to increased number of trained Sleep specialists. In addition the AIRE Sleep fellowship program continues to train Pulmonary and Critical Care fellows in sleep medicine within their 3 year fellowship.

The ATS Sleep Program Directors committee continues to promote communication and engagement among Sleep program directors (PD) and associate program directors (APD) through the Base Camp Sleep PD site. If you are a new Sleep PD or have a new Sleep APD please contact [mzeidler@mednet.ucla.edu](mailto:mzeidler@mednet.ucla.edu) to have the names added to the site. In addition the Sleep Program Director's committee continues to provide educational programs for the sleep training community. Programs have included a Distance Learning Town Hall as well as an AIRE Pilot Opportunities symposium.

## ADVOCACY COMMITTEE

Susheel Patil, MD (Chair)

In 2022, the SRN Assembly continued to monitor and promote advocacy issues important to SRN Assembly members. Some of these activities have included:

- Continued monitoring of the Philips recall and FDA actions
- Participation in dialogue with the National Center for Sleep Disorders Research and Dr. Marishka Brown on ways to have NCSDR participation in the International meeting and advocate for research issues important to the sleep and circadian research community.
- Advocacy within Congress in 2022 for appropriations to support sleep research and awareness led by Congressman Schiff's office.
- Participation in a FDA Virtual Workshop on Medical Supply Chain Resilience
- Submission of comments to:
  - A draft report by the US Preventive Service Task Force on their statement on screening for obstructive sleep apnea (OSA).
  - A draft RFA sponsored by CDC and NIOSH on the World Trade Center Health Program on inclusion of sleep and circadian related outcomes
  - The National Academy of Science's National Draft Plan for Health Workforce Well-being

The committee meets on a monthly basis. My thanks to Drs. Robert Owens, Indira Gurubhagavatula, Dr. Lucas Donovan, Molly Billings, Anna May, Vaishnavi Kundel, Indu Ayappa, and Sanjay Patel for their participation. Our activities would not be possible without the support of Dr. Reena Mehra and Gary Ewart, our ATS staff liaison for Government Relations.

## ASPIRE FELLOWSHIP REPORT

Richard Schwab, MD, Fellowship (Program Director)

Please consider applying to the [ATS ASPIRE Program](#), a cross-institutional, academic sleep/pulmonary fellowship program (ASPIRE: Academic Sleep Pulmonary Integrated REsearch/Clinical). The ASPIRE fellowship is designed to generate a pipeline for the next group of pulmonary/sleep leaders. If you are interested in sleep and pulmonary research, this could be a great program for you.

Few pulmonary/critical care fellows are pursuing clinical or research training in sleep medicine, creating a serious problem with the pipeline for leadership in this field. To rectify this, the ATS and participating institutions have

developed a novel program to train pulmonary/sleep physician-scientists and the next generation of pulmonary/sleep leaders.

The program is administrated through the ATS with an executive council from institutions that have strong Pulmonary/Critical Care/Sleep training programs. These include the University of Pennsylvania, University of Pittsburgh, Harvard University, Case Western Reserve University School of Medicine and UC San Diego Health System. Eligible fellows can come from any US or international institution, but the institution/department needs a T32 training grant, RO1 funded faculty, or the equivalent of such funding if an international applicant. Note that acceptance to the ATS ASPIRE fellowship is independent of acceptance into a Sleep and Pulmonary Training programs which are governed by the ACGME.

Generous financial support for this important program has been provided by ResMed, Philips Respironics, and Fisher & Paykel.

The ASPIRE program is competitive and prestigious. Accepted fellows are provided a \$10,000.00 annual grant during their research years and \$3,000.00 during their clinical years to be used for conferences, courses, or research endeavors. There will be monthly webinars on a variety of research topics. Research mentorship would be shared between the medical centers that form the executive council. There will be monthly research webinars given by the ASPIRE fellows and a face-to-face meeting at the ATS International Conference to discuss research goals.

## RESEARCH GRANTS AND SRN ASSEMBLY INTRAMURAL RESEARCH GRANT REVIEW

Lead: Dr. Robert Owens, MD

The ATS Research Program has a variety of funding opportunities, including unrestricted grants (information is located here: <https://research.thoracic.org/grants/>). This year, there were 5 unrestricted grants. Unfortunately, this is a lower number of grants than in years past, and no longer are any grants reserved for sleep (or any of the other pillars). The SRN is working with ATS leadership both to increase the number of grants and examine other opportunities to fund the important work of our members.

In order to make each applicant and proposal as competitive as possible, the SRN offers two services for those applying to the ATS research program:

- 1) An expedited review of a near final application: Two weeks before the deadline, 1-2 anonymous reviewers review the proposals. The reviewers are senior SRN members, some of whom have previously been part of the ATS Scientific Advisory Committee (SAC). They return the applications ~1 week before the final deadline. This review serves as a “fresh set of eyes” on the application and provides feedback that could be implemented before the final submission.
- 2) Remote grant development: based on the subject matter of the grant, the applicant gets paired with an external, experienced researcher in the field who provides ongoing input as the grant is being developed, through its final submission. The expectation is that the external mentor would meet virtually with the applicant every two weeks. Thus, the external mentor gives input on the aims at all stages of the proposal.

Those interested in applying for the 2023 cycle should reach out around the time the Letter of Intent is Due (usually September)

## ATS RESEARCH ADVOCACY COMMITTEE

SRN Member: Dr. Indu Ayappa

The Research Advocacy Committee (RAC) promotes the inclusion of the ATS’ research agenda in the programs of relevant funding agencies and advises the ATS Executive Committee and Board of Directors on issues of policy importance and priorities for ATS action regarding research advocacy. There is attention to sleep research in all relevant RAC documents and discussions.

In 2022 the RAC drafted documents on the Advanced Research Projects Agency for Health (ARPA-H) mission and vision, filed comments on the NIH's Center for Scientific Review (CSR) Strategic Plan, responded to the RFIs, (e.g. Inviting comments to inform the NIH on the intersection of the SARS-CoV-2/COVID-19 pandemic and the health of women) and provided recommendations regarding potential research directions for consideration during EC meetings with Institute Directors at the NIH. In addition, the Research News Quarterly (RNQ) published an interview with Marishka Brown, PhD, Director of the NIH/NHBLI CENTER ON SLEEP DISORDERS RESEARCH (NCSDR) in the July 2022 issue. The upcoming issue of the RNQ includes an article by SRN Assembly members on research priorities for sleep relevant to ATS members. This article highlights the need (1) for longitudinal sleep cohorts, 2) to focus on patient reported outcomes and quality of life measures, 3) to examine sleep and pulmonary overlap syndromes, inclusive of overlap hypoxia, and 4) further develop, diversify, and sustain a scientific workforce to support the mission of the NCSDR. RAC members participated in Hill Day, which was held virtually in March 2022. This provided an opportunity to meet with senate and house members/staff to advocate for key ATS legislative priorities including health research funding.

## **ATS MEMBERSHIP COMMITTEE AND MEMBERSHIP COMMITTEE LIAISON FOR THE INTERNATIONAL HEALTH COMMITTEE**

SRN Member: Sushmita Pamidi, MD

Sushmita Pamidi, MD (McGill University), is a member of the ATS Membership Committee and Membership Committee Liaison for the International Health Committee. The Membership Committee provides strategies for retaining and growing ATS membership. Key recent benchmarks have included determining ATS Fellow Designation status for applicants, organizing and hosting the annual Diversity and Women's Forum at the Conference, evaluating applicants for the Elizabeth Rich Award, collaborating with both the IHC and MITT to identify relevant issues to members, and for a number of years now, it has been a priority of the Committee to address wellness and burnout among ATS members. Over the past year and a half, the Membership Committee has participated in the SRN Townhall Series on Burnout, with several members of the Membership Committee serving as Chairs and/or Panelists. Please see below for more details of the very well-received series of Townhall meetings addressing intersection of sleep disruption and burnout.

## **MEMBERS IN TRAINING AND TRANSITION (MITT) COMMITTEE**

SRN Member Lucas Donovan, MD

This past year, we continued our ongoing collaboration with the Members in Training and Transition (MITT) committee.

For a fourth year running, we worked with MITT to co-sponsor a twitter chat focusing on training in sleep. This year's chat focused on "An Additional Year of Sleep Training: Opportunity versus Opportunity Cost?" and was spearheaded by the Early Career Working Group Chairs Dr. Oren Cohen, Dr. Aesha Jobanputra, and Dr. Priya Borker. This chat included 10 discussants including Dr. Azadeh Yadollahi, Dr. Reena Mehra, Dr. Lucas Donovan, Dr. Vaishnavi Kundel, Dr. Matheus Araujo, Dr. Atul Malhotra, Dr. Marie-Pierre St-Onge, and Dr. Sanjay Patel. The chat allowed a deep discussion into the career opportunities and benefits of clinical and research training in sleep, and reached a wide audience with 250,000 views.

Members from SRN will also collaborate with MITT activities for the international conference in the Student Scholars Program and Center for Career Development. MITT's Student Scholars program runs concurrently with the international conference and includes 80-100 students from multiple fields (medicine, nursing, research). This year's Student Scholars Program will include "career rounds" involving junior and senior sleep researchers and clinicians to discuss

the benefits of a career in sleep. SRN members will also present a didactic and interactive session about the field of sleep medicine and emerging technologies/opportunities.

## ATS TRAINING COMMITTEE

SRN Member Vaishnavi Kundel, MD, MS

The ATS Training Committee (TC) focuses on the needs of trainees related to clinical and research training in pulmonary, critical care, and sleep medicine. It proposes educational programming at ATS, in addition to developing new educational materials in virtual formats throughout the year.

For the first year, we began a collaboration with the ATS TC. Dr. Kundel joined the training committee, and is co-chairing the Core Training subcommittee with Dr. Asha Anandaiah. She began the year helping curate the *ATS Reading List* for fellows, highlighting important literature and studies pertaining to various topics in Sleep Medicine. As a part of the *Breathe Easy ATS Reading List Podcast Series* organized by the ATS TC – Dr. Kundel was interviewed for a podcast on the topic of “OSA and Cardiovascular Disease”, (published in November 2022) reviewing two landmark randomized trials in Sleep Medicine. More recently, co-chairs of the Core Training subcommittee organized a webinar for fellows on the topic of “*Securing your first job: from starting your search to negotiating your contract*” – with Dr. Kundel as the moderator, and Dr. Neomi Shah from the SRN as a faculty panelist. Future Webinars pertaining to career development in research are also planned in the coming months. Additionally, the ATS Core Training subcommittee is also collaborating with the SRN and other Assembly Early Career Working groups to plan a Virtual Happy hour – with a theme of “*Navigating the ATS Conference*” for fellows and trainees.

## SPOTLIGHT ON SLEEP DISRUPTION IN WELLNESS AND BURNOUT

With the recognition of burnout occurring in crisis proportions and made worse by the COVID-19 pandemic, the Assembly on Sleep and Respiratory Neurobiology undertook a grassroots approach to gather information on burnout, and its impact on health workers in pulmonary, critical care and sleep medicine. The goal of these efforts, which spanned the last 18 months, is to review available evidence and inform potential mitigating strategies, including those that are specific to identification and treatment of sleep disorders.

Between 4/2022-3/2023, five virtual townhalls were organized, titled: 1) “The Battle Against Professional Burnout in PCCSM: What do Prior Experiences Teach us?”; 2) “The Role of Sleep in Professional Burnout”; 3) “The Impact of Burnout on Clinical and Research Activities”; 4) “Burnout in Vulnerable Communities”, and; 5) “Building Systems’ Resilience: Data-Driven Strategies to Mitigate Health Worker Burnout.”

At each session, content experts presented available evidence, followed by an audience poll and discussion with a panel of representatives from key organizations (government, professional, educational/licensing boards). The recordings of all town halls [are available on the assembly website](#).

Two publications are being planned to disseminate information which is specific to our specialties. We thank all who participated in these sessions and the wonderful ATS staff, Bridget Nance and Miriam Rodriguez, for their support.

Co-organizers:

Indira Gurubhagavatula, MD

University of Pennsylvania, Philadelphia, PA, USA

Sushmita Pamidi, MD.

McGill University, Montreal, Quebec, Canada

Mihaela Teodorescu, MD

University of Wisconsin, Madison, WI, USA

Reena Mehra, MD

Cleveland Clinic, Cleveland, OH, USA

Chair, ATS Assembly on Sleep and Respiratory Neurobiology (SRN)

# ATS SRN Program

## 2023 ATS International Conference, Washington DC.

Scientific Symposium
Mini Symposium / Rapid Poster Session
Poster Discussion Session
Thematic Poster Session
Special NIH Co-Sponsored Session
Joint Symposium (SRN led*)
Postgraduate Course
Meet the Expert



Andrey Zinchuk, MD, MHS  
SRN Program Committee Chair  
2022 - 2023



Bharati Prasad, MD, MS  
ATS SRN Program Committee Chair Elect  
2022 - 2023

### FRIDAY, May 19, 2023

8.00am - 4.00pm	PG4: STATE OF THE ART MANAGEMENT OF NIV: FROM HOSPITAL TO AMBULATORY CARE	PG3: PEDIATRIC SLEEP BREATHING DISORDERS: STATE OF THE ART AND CURRENT BEST PRACTICES*
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### SUNDAY, May 21, 2023

9.00am - 11.00am	A18. BREAKING NEWS IN OSA: NEW APPROACHES AND NEW TRIALS		A72. NEW INSIGHTS INTO PAP EFFECTIVENESS	A73. DISPATCH FROM THE LAB: UNCOVERING OSA PATHOPHYSIOLOGY
10.15pm - 11.15pm	MTE2. IS OSA AFFECTING MY BRAIN: LESSONS FROM BENCH TO BEDSIDE			
12.00pm - 1.00pm	L1. OPPORTUNITIES IN SLEEP AND RESPIRATORY HEALTH DISPARITIES RESEARCH FUNDED BY NATIONAL INSTITUTE ON MINORITY HEALTH AND DISPARITIES			
2.15pm - 4.15pm	A109. MICE TO HUMANS: MECHANISTIC DISCOVERIES IN SLEEP APNEA (RAPID)	A90. MYTHS OR TRUTHS: CONTROVERSIES IN RESPIRATORY MEDICINE, THE NEW FRONTIER*		

### MONDAY, May 22, 2023

9.00am - 10.30am	B6. NON-PAP ALTERNATIVES FOR OSA: FROM ACCEPTED TO REVOLUTIONARY		B71. BEYOND CPAP: THERAPIES FOR SLEEP APNEA
12.00pm - 1.00pm	MTE30. OBESITY HYPOVENTILATION SYNDROME: A CLINICAL APPROACH	L7. CIRCADIAN RHYTHMS IN PULMONARY AND CRITICAL CARE: IMPLICATIONS FOR HEALTH AND DISEASE	
2.15pm - 4.15pm <sup>2</sup>	B109. BIOMARKERS, GENETICS AND OMICS IN SLEEP DISORDERED BREATHING	B87. CONTROVERSIES IN PEDIATRIC OSA: PRO-CON DEBATE*	

### TUESDAY, May 23, 2023

9.00am - 10.30am	C10. OPIOID USE DISORDER, SLEEP DEFICIENCY AND VENTILATORY CONTROL: BIDIRECTIONAL MECHANISMS AND THERAPEUTIC TARGETS		C74. DO NOT MISS: SLEEP DISORDERS IN VULNERABLE POPULATIONS	C75. SLEEP GEMS: CASE REPORTS FROM SLEEP MEDICINE
10.15am - 11.15pm	MTE35. ENGAGING PARTNERS TO PROMOTE ADHERENCE TO CPAP TREATMENT*			
12.00pm - 1.00pm	MTE45. CENTRAL SLEEP APNEA, PATHOPHYSIOLOGICAL RELATED CLASSIFICATION AND RELATED MANAGEMENT			
2.15pm - 4.15pm	C98. RISKY BUSINESS: PREDICTING CONSEQUENCES OF OSA	C110. ADVANCED SIGNAL ANALYSIS: NEW DIAGNOSTICS AND PHYSIOLOGIC INSIGHTS FOR SDB		

### WEDNESDAY, May 24, 2023

8.30am - 9.30am	CIRCADIAN SCIENCE'S INFLUENCE ON RESPIRATORY DISEASE: <u>ITS</u> ABOUT TIME! THE CIRCADIAN CLOCK IN LUNG DISEASE, FROM BENCH TO BEDSIDE		
8.00am - 10.00am	D19. MECHANISTIC INSIGHTS IN SLEEP DISORDERED BREATHING	D30. INTEGRATING OSA AND COMORBIDITIES FOR EFFECTIVE THERAPIES	
11.00am - 12.00pm	MTE53. WHAT ARE THE REASONS FOR THE NEGATIVE RESULTS FROM RCTS IN OSA		
12.00pm - 1.00pm	D89. OSA-ASSOCIATED INFLAMMATION AND COMORBIDITIES: CAUSES AND CONSEQUENCES		

\* Co-sponsored by SRN

#### Additional SRN Co-sponsored Sessions of Interest:

- C1 CLINICAL YEAR IN REVIEW (including SLEEP), Tuesday May 23, 9am – 10.30am
- A88 NEUROIMMUNE INTERACTIONS IN LUNG DEVELOPMENT AND DISEASE, Sunday May 21, 2.15pm – 3.45pm
- B7 SICKLE CELL LUNG DISEASE ACROSS THE LIFESPAN: WHERE ARE WE NOW, Monday May 22, 9am – 10.30am
- B83 WHY YES, YOU CAN SKI WITH YOUR VENTILATOR! USING TECHNOLOGY TO KEEP PATIENTS WITH NIV AND VENTILATOR DEPENDENT LUNG DISEASE ACTIVE AND ENGAGED IN THEIR COMMUNITIES, Monday, May 22, 2.15pm - 4.15pm
- C89 ACHIEVING HEALTH EQUITY: REDUCING THE IMPACT OF SDOH THROUGH RESEARCH AND ADVOCACY, Tuesday, May 23, 2.15pm – 4.15pm
- D9 ITS ALL ABOUT TIME! THE CIRCADIAN CLOCK IN LUNG DISEASE, FROM BENCH TO BEDSIDE, Wednesday, May 24, 9am – 10.30am

## ATS GUIDELINE METHODOLOGY TRAINING PROGRAM

Kevin Wilson

The ATS has a Guideline Methodology Training Program that provides hands-on training in guideline development. An informational program is being held on Monday, May 22nd from 7:00 to 8:30 PM in the Mint Room (meeting level 4) of the Marriott Marquis. Anyone who is interested in learning more about clinical practice guideline development and the ATS training program is welcome to attend. Light appetizers will be served. Please RSVP to [kwilson@thoracic.org](mailto:kwilson@thoracic.org). Space is limited.

Additional information:

Clinical practice guideline development has changed dramatically over the past two decades. Formal standards must now be met as defined by the Institute of Medicine (now the National Academy of Medicine), which include a specific approach to identifying evidence, summarizing evidence, formulating recommendations, and rating both 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. Guideline methodologists are individuals who are capable of leading systematic reviews (i.e., develop search strategies, select studies, extract data, perform meta-analyses, and construct evidence tables and summary of findings tables) and leading 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.

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 guideline 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, and b) participation in a methodology training workshop.

For more information on the training program, see Wilson KC, et al. American Thoracic Society Guideline Methodology Training Program. *ATS Scholar* 2022; 3(3): 379-389. Available at <https://www.atsjournals.org/doi/full/10.34197/ats-scholar.2022-0037PS>.