

SLEEP

2022

CHARLOTTE, NC | JUNE 04-08

FINAL PROGRAM

KEYNOTE SPEAKER
SUSAN REDLINE, MD, MPH



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AASM American Academy of
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 Sleep Research Society®

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References: 1. Mohsenin V. Narcolepsy—master of disguise: evidence-based recommendations for management. *Postgrad Med.* 2009;121(3):99-104. 2. Bassetti CLA, Kallweit U, Vignatelli L, et al. European guideline and expert statements on the management of narcolepsy in adults and children. *Eur J Neurol.* 2021;28(9):2815-2830.

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SLEEP 2022

THE 36th ANNUAL MEETING OF THE ASSOCIATED
PROFESSIONAL SLEEP SOCIETIES, LLC (APSS)

The Program Committee welcomes you Back to SLEEP! Despite the many challenges, we are so grateful to all who made our last two virtual SLEEP meetings successful. Most importantly, we are so excited to reconnect with everyone in-person this year to explore new research findings, learn best practices to treat our patients, network with new colleagues, visit with dear friends, and engage face-to-face with speakers, attendees, and exhibitors! This is the 36th annual meeting of the Associated Professional Sleep Societies (APSS), a joint venture of the American Academy of Sleep Medicine (AASM) and the Sleep Research Society (SRS).

SLEEP 2022 highlights the latest advances in clinical sleep medicine and sleep and circadian research with a variety of educational formats that will appeal to clinicians, researchers, and sleep team members. Session formats include discussion groups, rapid-fire symposia, lunch debates, oral and poster presentations, clinical workshops, and the technologist track. Look for the color coding throughout the program to indicate the session tracks. This year's meeting includes more than 100 sessions, over 700 abstracts in oral and poster formats, including late-breaking poster presentations, and the opportunity to earn more than 38 continuing education credits.

The plenary session is on Monday, June 6, featuring keynote speaker Dr. Susan Redline. Dr. Redline will discuss the complexities of sleep-disordered breathing and increased cardiovascular risk. Also during the plenary session, we will honor the 2022 AASM, SRS and APSS award recipients. More information on this year's honorees can be found in this program. This year, Dr. Charles Czeisler will deliver the Tom Roth Lecture of Excellence, "Enhancing Sleep Literacy Among College Students." Can't-miss discussion groups include Dr. Raman Malhotra, president of the AASM, and representatives of patient advocacy groups highlighting the growing role of patient voices to enhance patient care, as well as Dr. Marishka Brown, director of the National Center on Sleep Disorders Research, leading a conversation about the NIH sleep research plan.

Networking is always an important aspect of the meeting! Join us for the PJ 5K run/walk Sunday morning as an opportunity to reconnect with old friends and forge new relationships with your sleep colleagues while raising money for the AASM Foundation and SRS

Foundation. This supports valuable sleep research that positively impacts the lives of patients with sleep disorders and the field of sleep medicine. Additionally, the ever-popular Club Hypnos reception and data blitz will be held Sunday evening. Furthermore, several industry-sponsored events are available throughout the meeting. AASM members are encouraged to attend their annual membership meeting on Monday, June 6, at 12:30 p.m., and SRS members are encouraged to attend their annual membership meeting on Tuesday, June 7, at 12:45 p.m. Learn more about the organizations' latest activities and initiatives and witness the installation of new officers and board members. If you would like to get more involved, please visit the membership booth to learn more.

Be sure to visit the SLEEP 2022 Exhibit Hall showcasing the latest products and services in the sleep field. Open from 10 a.m. – 4 p.m. on Monday and Tuesday and 10 a.m. – 1:30 p.m. on Wednesday, the Exhibit Hall features a variety of equipment manufacturers, medical publishers, pharmaceutical companies, and technology providers that are among the leaders in new developments to advance the sleep medicine field.

It is easy to keep all of the meeting details at your fingertips and sync sessions with your calendar through the SLEEP 2022 mobile app. The app is available for iOS and Android platforms. This app and complimentary wireless internet access in the Charlotte Convention Center is made possible by Vanda Pharmaceuticals. You also can use the power of social media to stay connected to your colleagues during the meeting by using #SLEEP2022 in your posts, tweets, and stories.

On behalf of the APSS Board of Directors, APSS Program Committee, AASM and SRS staff, I am delighted you have joined us to experience SLEEP 2022! We invite you to immerse yourself in engaging SLEEP lectures and presentations, reconnect with colleagues, and return home inspired about the future of sleep medicine and sleep and circadian science! Enjoy!

Sincerely,

Shalini Paruthi, MD
Chair, APSS Program Committee



Helping to shape the **future of chronic insomnia treatment** with Somryst®

Somryst is the **first and only** FDA-cleared prescription digital therapeutic (PDT) for chronic insomnia. It provides a digital version of the recommended first-line CBT-I treatment.

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Visit us at Booth #171 and join our Industry Product Theater on
Tuesday, June 7th, from 12:30pm - 1:45pm ET in Grand Ballroom D at the
Westin Charlotte to discover how Somryst can help treat chronic insomnia

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Executive Director

SLEEP 2022

Provides evidence-based education to advance the science and clinical practice of sleep medicine

Disseminates cutting-edge sleep and circadian research

Promotes the translation of basic science into clinical practice

Fosters the future of the field by providing career development opportunities at all levels

**SLEEP IS THE PREMIER WORLD FORUM TO PRESENT
AND DISCUSS THE LATEST DEVELOPMENTS IN CLINICAL
SLEEP MEDICINE AND SLEEP AND CIRCADIAN SCIENCE.**

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GENERAL INFO

EXHIBIT HALL

Interact with industry professionals and experience the latest products and services in the field at the SLEEP 2022 exhibit hall! SLEEP brings together a variety of pharmaceutical companies, equipment manufacturers, medical publishers, and software companies all with the goal of showcasing the latest advancements in sleep.

Only children 12 or older are permitted in the exhibit hall. No strollers are permitted in the exhibit hall, poster sessions or session rooms.

EXHIBIT HALL HOURS

The exhibit hall will be open during the following hours:

Mon., June 6.... 10 a.m. – 4 p.m.
Tues., June 7.... 10 a.m. – 4 p.m.
Wed., June 8 10 a.m. – 1:30 p.m.

ON-SITE REGISTRATION HOURS

Fri., June 3..... 4:30 p.m. – 6 p.m.*
Sat., June 4..... 6:30 a.m. – 5:30 p.m.
Sun., June 5..... 6:30 a.m. – 5:30 p.m.
Mon., June 6..... 6:30 a.m. – 5:30 p.m.
Tues., June 7..... 7:30 a.m. – 5 p.m.
Wed., June 8..... 7:30 a.m. – 5 p.m.

**Registration on Friday is for pre-registered attendees only*



TICKETED SESSIONS

Tickets are required for entry to Postgraduate Courses, Meet the Professor sessions and Lunch Debate sessions. Tickets for sessions that have not sold out are available for on-site purchase at the registration desk.

GUEST PASSES

Registered attendees may elect to purchase a guest pass. Guest passes are exclusively for immediate family members and allow entrance to the exhibit hall, poster hall and industry-sponsored events only. **Guests must be 12 years of age or older to enter the exhibit hall. Guests are not permitted to attend any general or ticketed sessions.**

BADGE IDENTIFICATION

All meeting participants and guests must wear a badge. Attendee badges allow entrance to the scientific sessions, poster hall and SLEEP 2022 exhibit hall.

PRESS ROOM

Members of the press are encouraged to utilize the press room in Room E221B, operating during meeting registration hours from Sunday, June 5 at noon through Wednesday, June 8 at noon.

The press room contains resources to assist reporters with their stories, including detailed information on the participating organizations, final programs and a computer.

SOCIETY BOOTH

Details about products and future events from the American Academy of Sleep Medicine and Sleep Research Society are available at the Society Booth located adjacent to registration at the Charlotte Convention Center.

SPEAKER READY ROOM

Speakers participating in Oral Presentations, Invited Lectures, Symposia, Rapid-Fire Symposia, Discussion Groups, Postgraduate Courses, Lunch Debate sessions, Meet the Professor sessions and Clinical Workshops are required to use the Speaker Ready Room to upload their PowerPoint presentations

onto a central server. The Speaker Ready Room is in Room E221B at the Charlotte Convention Center. Speakers must upload their presentations at least 24 hours in advance of their scheduled session time. Technicians will be available onsite to provide assistance.

Speaker Ready Room Hours

Fri., June 3..... 4:30 p.m. – 6 p.m.
Sat., June 4..... 6:30 a.m. – 5:30 p.m.
Sun., June 5..... 6:30 a.m. – 5:30 p.m.
Mon., June 6..... 6:30 a.m. – 5:30 p.m.
Tues., June 7..... 7:30 a.m. – 5 p.m.
Wed., June 8..... 7:30 a.m. – 5 p.m.

LOOKING FOR SOMETHING TO DO FOR LUNCH?

Meet the Professors and Lunch Debates will engage you as you eat and network with peers. Purchase your tickets at the registration desk.

CHARGE UP AT SLEEP!

Charging stations are in the east and west wings of the Charlotte Convention Center outside of rooms E212D and W207D. Sponsored by: Idorsia Pharmaceuticals & Pear Therapeutics

SESSION RECORDINGS

The APSS is offering recordings of select general sessions available for pre-purchase with SLEEP registration. Non-attendees of SLEEP 2022 will be able to purchase the recordings after the meeting concludes. Are there two sessions taking place at the same time that you'd like to attend? Purchasing the session recordings will allow you to view this content later. The cost of these recordings is \$300 (member), \$400 (non-member). There is a discount of \$100 for SLEEP registrants. Technologist Track is not included.

JOIN US AT BOOTH 151!

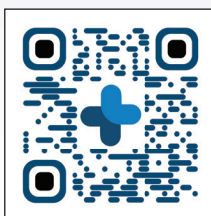
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experience

Available for iOS and Android


- View Maps
- Check Poster Details
- Find Exhibitors



PARTICIPATION DISCLAIMER

The APSS, its contractors and attending news media may be photographing and/or videotaping scientific sessions and events at the Annual Meeting. By attending SLEEP 2022, attendees acknowledge these activities and agree to allow their image to be used by the APSS in association publications, on the SLEEP meeting website and in marketing and promotional materials. Attendees at SLEEP 2022 waive all claims against the APSS for any liability resulting from these uses.

PHOTOGRAPHY/ RECORDING POLICY

 Video and/or audio recording of presentations is prohibited unless express permission is given by the presenter. When permitted, photography is only allowed for personal, social or non-commercial use. Attendees may not use flash photography or otherwise distract the presenters and/or attendees. Photography is not permitted in the poster or exhibit hall. Violation may result in removal from SLEEP and confiscation of the film or recording device.

SEATING

Non-ticketed general sessions are filled on a first-come, first-served basis. The APSS does its best to match room size with anticipated demand; however, interest in a topic occasionally exceeds seating capacity. Seating limits are strictly enforced by the Fire Marshal. We encourage you to arrive at meeting rooms as early as possible for best seating.

SLEEP 2022 ABSTRACT SUPPLEMENT

All abstracts from SLEEP 2022 are published in an online abstract supplement of the journal SLEEP. To view these abstracts, visit www.sleepmeeting.org/abstractsupplements.

CLAIM CREDIT

To claim credit from the meeting, visit www.sleepmeeting.org/credits. The deadline to claim credit is August 1, 2022, for CE for psychologists and December 15, 2022, for CME, Letters of Attendance, and AASM CEC. Individuals who have not claimed their continuing education credits by this date will be unable to do so. More information is available on page 22.

JOB BOARDS

Current job opportunities may be posted in the job board area near registration. Postings are restricted to 8.5" x 11" in size and will be removed if they are deemed inappropriate. The APSS assumes no responsibility for these postings.

COMMEMORATIVE POSTERS

Posters commemorating SLEEP 2022 are available for purchase on a first-come, first-served basis to full meeting registrants. Posters are limited to one per person while supplies last. Pick up your poster at the society booth.



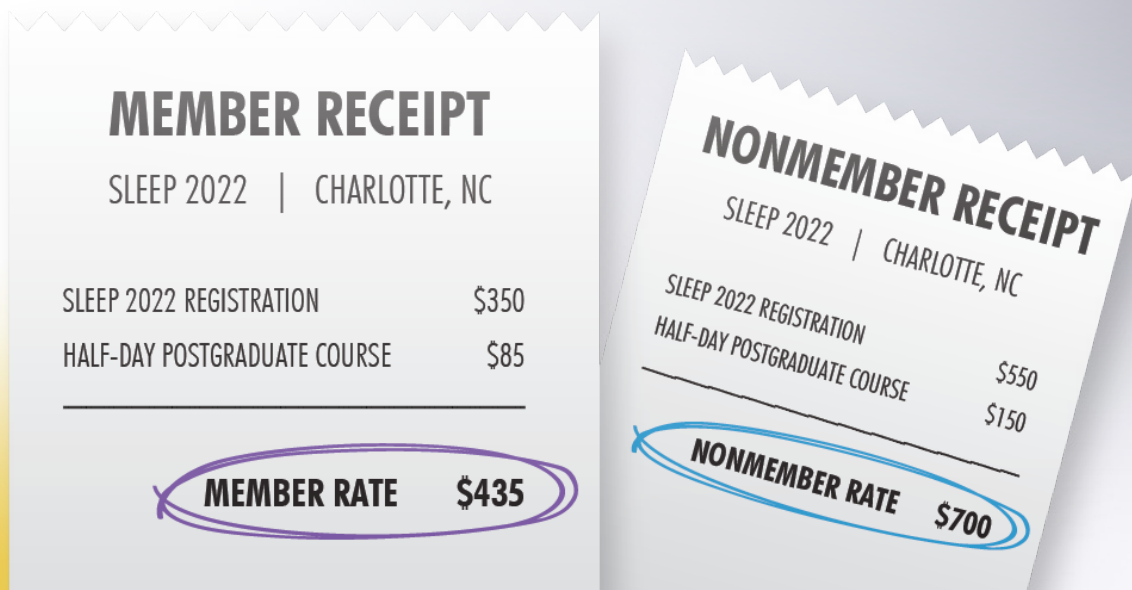
COVID-19 SAFETY POLICY

Creating a safe environment for SLEEP 2022 attendees is of utmost importance. Please visit sleepmeeting.org or access the SLEEP 2022 mobile app to view current protocols. We may update our policies at any time prior to the meeting, and we will continue to comply with all applicable laws and regulations regarding COVID-19 risk mitigation.

SLEEP 2022

MEMBERSHIP HAS ITS ADVANTAGES

Half-Year dues now available for nonmembers.



Members saved an average of \$265 over nonmembers when pre-registering for SLEEP 2022 with a half-day postgraduate course.

Stop by the Member Booth to learn how you can take advantage of the full range of member benefits at a reduced cost for the rest of 2022.

AASM
American Academy of
SLEEP MEDICINE™
aasm.org/benefits

 Sleep
Research
Society®
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SLEEP 2022

*Student discount differs. This is an example of registration pricing prior to 4/24/22 for Regular/Full member.

Meet | Connect | Engage

SLEEP 2022 is your chance to connect with attendees.

Connect to Wi-fi

1. Go to Settings on your mobile device
2. Select the Wi-Fi option
3. Click on the Wi-Fi network: VandaNet
4. Enter password: SLEEP2022

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Social

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SLEEP2022 | BACK TO SLEEP

Save big on AASM and SRS products at the Society Booth!

Purchase on-demand learning modules, textbooks, brochures and more at a discounted price!

Save on everything!

10% Off

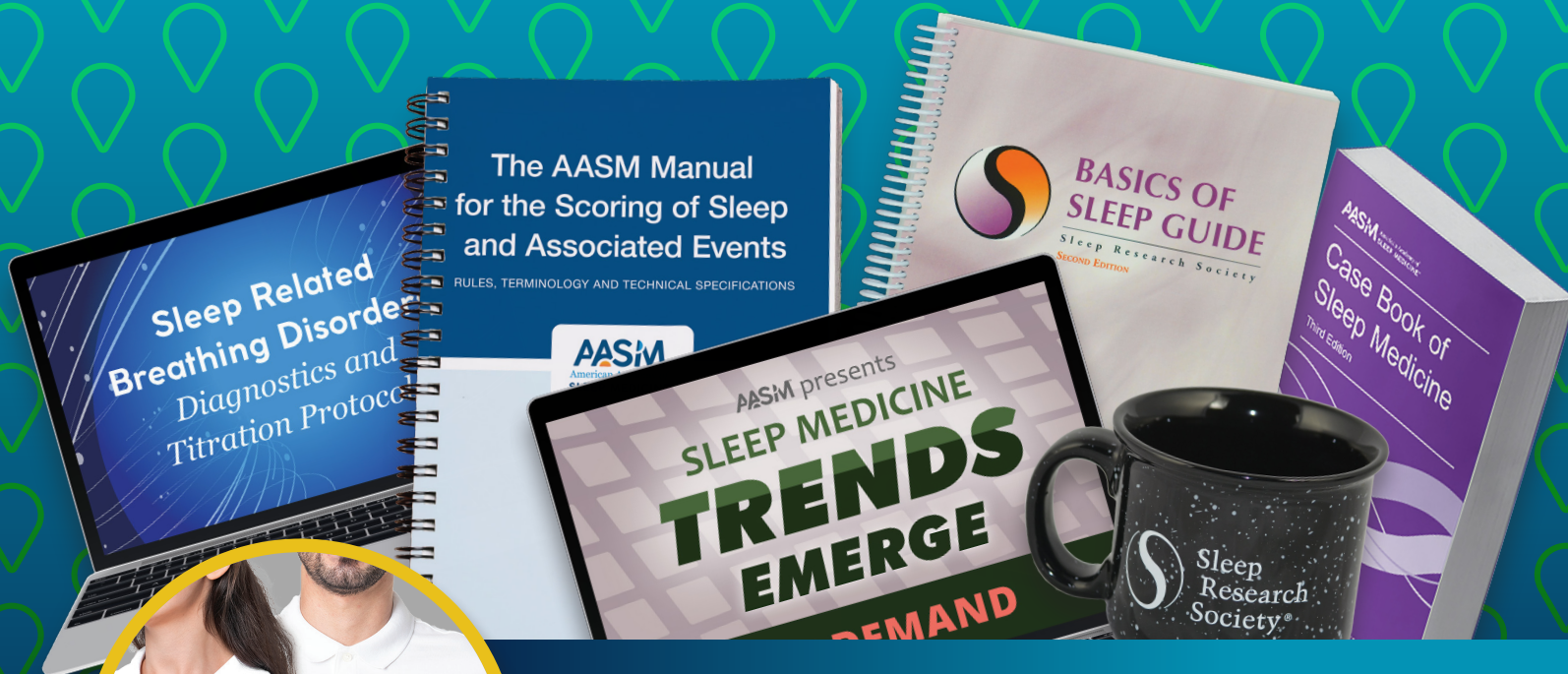
Subtotal \$99.99 or less

15% Off

Subtotal \$100-\$199.99

20% Off

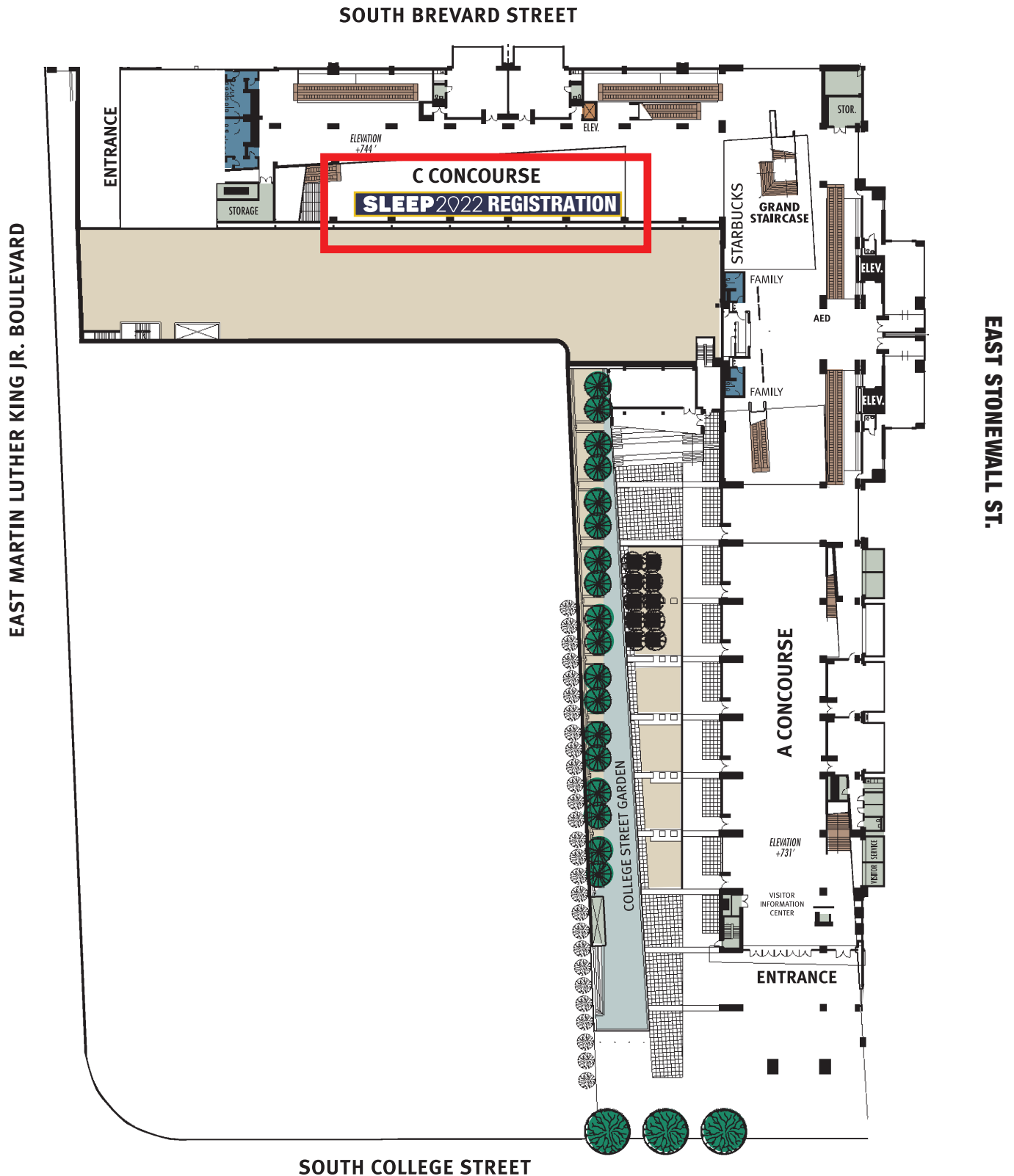
Subtotal \$200 or more



Don't forget your souvenir!
SLEEP 2022 Polo Shirt!

*Discounts do not apply to membership, event registration or services. Discount is valid at the time of purchase only and cannot be combined with previous or future purchases. Other exclusions may apply.

CONVENTION CENTER





POSTER HALL C2

EXHIBIT HALL BC1

ESCALATOR LOBBY C

ESCALATOR LOBBY A

SHOP STORAGE

MAINTENANCE SHOP

ELEC. ROOM A

ELEC. VAULT A

WEST TRUCK DRIVE

TRUCK DRIVE SOUTH

EAST MARTIN LUTHER KING, JR. BLVD.

POSTER HALL C2

EXHIBIT HALL BC1

ESCALATOR LOBBY C

ESCALATOR LOBBY A

SHOP STORAGE

MAINTENANCE SHOP

ELEC. ROOM A

ELEC. VAULT A

WEST TRUCK DRIVE

TRUCK DRIVE SOUTH

SLEEP 2022

SLEEP WALKING

Visit all 12 Sleep walking sponsors and request their unique code and enter it into the SLEEP 2022 mobile app to be eligible to win one of these great prizes!*

Amazon
GIFT CARD

1st Place - \$1,000

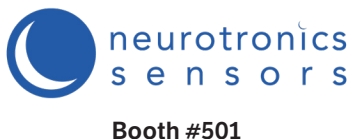
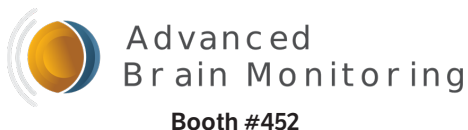
2nd Place - \$750

3rd Place - \$500

VISIT,
ENTER
CODES,
WIN!

PLAY ON THE SLEEP 2022 APP

SLEEP Walking is sponsored by



* All sponsor codes must be entered by June 8th at 11:00 AM. Winners will be drawn in the Exhibit Hall at 12:30 PM on June 8th. Winners need not be present and will be notified via email. No purchase necessary to enter the drawing. No substitutions will be made. Prizes can be shipped directly to winner. Incomplete entry forms will not be accepted. All registered attendees are eligible to enter the contest. Guests and exhibitors are not eligible.

SLEEP 2022

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As of 04/14/2022

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nox
medical



Signature



Several leaders in the field of sleep medicine are recipients of the 2022 American Academy of Sleep Medicine awards. The awards will be presented Monday, June 6, during the plenary session of SLEEP 2022.



Meir Kryger, MD, FAASM, FRCPC

Nathaniel Kleitman Distinguished Service Award for dedication to the sleep field and significant contributions in the areas of administration, public relations and government affairs.

A pioneer in the field of sleep medicine, Dr. Kryger has been treating patients with sleep disorders for more than 40 years. He was

the first to diagnose and report obstructive sleep apnea in North America and he reported the first use of computers to analyze breathing patterns during sleep. Dr. Kryger is the author and editor of several important books including “The Principles and Practice of Sleep Medicine,” the first comprehensive textbook on sleep medicine, now in its seventh edition and still the most widely used volume on the subject today. Dr. Kryger is professor of medicine at Yale School of Medicine, past president of the AASM and the Canadian Sleep Society, and served as chair of the National Sleep Foundation.

“When my academic career began, sleep medicine did not yet exist as a field, and it was thought that sleep disorders were rare. How times have changed! Now, everybody knows someone who is on a CPAP machine, and millions are being treated for sleep disorders all over the world. It has been a privilege and an honor to play a role in improving people's health.”



David M. Rapoport, MD

William C. Dement Academic Achievement Award for exceptional initiative and progress in the areas of sleep education and academic research

Dr. Rapoport is a professor of medicine at the Icahn School of Medicine at Mount Sinai, and research director of the Mount Sinai Health System Integrative Sleep

Center. The owner of more than 30 patents, Dr. Rapoport aided in the development and application of nasal CPAP as a research tool and treatment modality, developed the leak-port modification of the original CPAP circuit, and has contributed other modifications of CPAP delivery to improve adherence. He started the NYU Sleep Medicine Fellowship Training Program and served as its director until 2010. He is part of PRIDE, an NIH-sponsored program that helps train and mentor junior faculty in preparation for careers in academic research, and is founder and president of the Foundation for Research in Sleep Disorders, a nonprofit that supports research and training in sleep medicine.

“It is an honor to receive an award with Dr. Dement's name on it, which reflects that I was lucky enough to get pleasure from fiddling with things to see how they work and (sometimes) how to make them work a little better. But the greatest joy comes from helping the next generation appreciate this side of a career in sleep medicine.”



Seema Khosla, MD, FAASM, FCCP

Excellence in Education Award for outstanding contributions in the teaching of sleep medicine

Dr. Khosla is medical director of the North Dakota Center for Sleep and medical advisor for MedBridge Healthcare. She is committed to raising awareness of sleep medicine among her colleagues, other providers, and the public, and works

tirelessly to address patient care changes, practice disruptions, and public policies. Dr. Khosla is active within the AASM and has served on numerous committees. She is currently chair of the Public Awareness Advisory Committee, a member of the COVID-19 Task Force, past chair of the Clinical and Consumer Sleep Technology Committee and was a member of the original Telemedicine Task Force. She was chair of the inaugural Sleep Medicine Disruptors course in 2019, served as co-chair of Sleep Medicine Trends, and hosts the AASM podcast “Talking Sleep.”

“I am deeply honored and grateful to receive this award. Education is a core tenant of sleep medicine – as clinicians, we aim to improve awareness of the importance of sleep and of identifying and treating sleep disorders. It is incredibly meaningful to receive this award from my sleep medicine colleagues. I am humbled by their recognition.”



Susan Redline, MD, MPH

Mark O. Hatfield Public Policy or Advocacy Award for developing public policy that positively affects the healthy sleep of all Americans

Dr. Redline is the Peter C. Farrell Professor of Sleep Medicine at Harvard Medical School, professor of epidemiology at Harvard TH Chan School of Public Health,

and director of the programs in sleep and cardiovascular medicine and sleep medicine epidemiology at Brigham and Women's Hospital. She also codirects the National Sleep Research Resource, a widely accessible and searchable sleep data-sharing repository. She also supports a sleep apnea patient-focused virtual community and works with patient advocates to improve patient education and support. Dr. Redline is a past member of the board of directors for the AASM and the Sleep Research Society. She will deliver the keynote address during the SLEEP 2022 plenary session.

“I am very grateful for the Academy's commitment to advocacy to improve sleep health for all, and for Mr. Hatfield's pioneering work in establishing the National Center for Sleep Disorders Research—both of which provided me the inspiration and concrete opportunities to work with a growing community of sleep scientists, clinicians, and patients who seek to improve the prevention, recognition, and treatment of sleep disorders across our many diverse communities.”

Meet Your 2022 SRS Award Recipients

The Sleep Research Society (SRS) has selected three sleep and circadian scientists and a public health advocate as recipients of the 2022 Sleep Research Society awards. The awards will be presented Monday, June 6, during the plenary session of SLEEP 2022.



Thomas E. Scammell, MD

Distinguished Scientist Award for significant, original and sustained scientific contributions of a basic, clinical or theoretical nature to the sleep and circadian research field, made over an entire career

Dr. Scammell is a professor of neurology at Harvard Medical School and a physician in

the department of neurology at Beth Israel Deaconess Medical Center and Boston Children's Hospital. For the last 25 years, he has led a research laboratory focused on identifying the neural mechanisms that control sleep and wakefulness. Much of his work now focuses on narcolepsy and identifying the pathways through which the orexin neuropeptides stabilize wakefulness and suppress cataplexy. Other projects examine the interactions of sleep and pain, and the functions of arousal-promoting brainstem pathways. As the Distinguished Scientist Award recipient, Dr. Scammell will present an invited lecture at SLEEP 2022, "The Neurobiology of Narcolepsy: What Sleepy Mice Can Teach Us About Sleepy People," on Monday, June 6 at 1:45 p.m.

"I am really honored to receive the SRS Distinguished Scientist Award. Across my career, I have greatly admired the work of prior recipients, including Michel Jouvet, Dennis McGinty, Jim Krueger, Tom Kilduff and others, and it is now a very pleasant surprise to find myself in this esteemed company. I also want to really thank Clif Saper for all his excellent mentoring and advice over my career."



Maiken Nedergaard, MD, DMSc

Outstanding Scientific Achievement Award for novel and seminal discoveries of a basic, clinical or theoretical nature that have made a significant impact on the sleep field.

Co-director of the department of neurology Center for Translational Neuromedicine at the University of Rochester, Dr. Nedergaard is a pioneer in the field of neuroglial

signaling. Her discovery of the glymphatic system, a brain-wide fluid clearance system, was honored as one of Science Magazine's 10 "Breakthroughs of the Year" in 2013. She showed that the glymphatic system is activated during sleep and clears waste metabolites, but that in sleep disturbances, chronic diseases and aging, glymphatic transport declines, resulting in an increased risk of dementia. Dr. Nedergaard also has examined the states of astrocytes during sleep and wakefulness and has found that they are active participants in higher brain function and critical causal contributors to brain disease, laying out clear paths to new therapeutic avenues.

"I am very grateful to receive the Sleep Research Society's Outstanding Scientific Achievement Award. It is really a very special honor for me – I am new to sleep research, and I've been indelibly impressed with how much exciting work is going on in this field."



Kenneth P. Wright, Jr., PhD

Mary A. Carskadon Outstanding Educator Award for excellence in education related to the sleep and circadian research field.

Dr. Wright is a professor of distinction in the department of integrative physiology and director of the Sleep and Chronobiology Laboratory at the University of Colorado Boulder. He has more than 25 years of

experience in the sleep and circadian fields, has led individual and multicenter research grants and participated in multicenter clinical trials. Dr. Wright's research is aimed at explaining the physiology of sleep and circadian rhythms, understanding the health and safety consequences of sleep and circadian disruptions, and developing sleep and circadian medicine-based countermeasures to improve public health and safety. He is committed to training the next generation of leaders in the sleep and circadian fields.

"It is an honor to be the recipient of the Mary A. Carskadon Outstanding Educator Award and to be listed among the esteemed colleagues that have received the award in prior years. I am privileged to have mentored and to continue to mentor amazing trainees that share a passion for sleep and circadian science, and science communication. Many of my former trainees now have their own labs, are doing great science and mentoring their own students."



Terra Ziporyn Snider, PhD

Public Service Award for significant and extraordinary contributions to the mission of SRS above and beyond research and educational activities.

Dr. Ziporyn Snider is the cofounder and executive director of Start School Later/Healthy Hours, a nonprofit dedicated to school hours that allow for healthy sleep, as

well as an award-winning author of numerous popular health and medical books. A Yale graduate, she earned a doctorate at the University of Chicago as a Searle Fellow in the history of science and medicine while conducting research in biopsychology. Dr. Ziporyn Snider is a former associate editor at the Journal of the American Medical Association and has written on health and medical issues for several media publications.

"I am delighted and honored to be accepting the Sleep Research Society's Public Service Award. Running schools at times that give students a chance to get healthy sleep should be a no brainer given the large, broad, and consistent body of sleep research supporting it. But painful experience has taught us that turning established sleep science into school policy can be a battlefield, one where we often feel like David battling Goliath...this award and the recognition it represents is a tremendous morale boost."

MEET THE 2022 **APSS** DIVERSITY, EQUITY, AND INCLUSION LEADERSHIP AWARD RECIPIENTS

The APSS Diversity, Equity, and Inclusion Leadership Award recognizes those who have made significant contributions to the field of sleep medicine or sleep and circadian science through their work to increase the diversity, equity, and inclusion of sleep medicine providers, or the development of educational programs, research, or clinical work aimed at reducing disparities.



Chandra L. Jackson, PhD, MS

Dr. Jackson is an Earl Stadtman Investigator who leads the Social and Environmental Determinants of Health Equity Research Group in the epidemiology branch of the National Institute of Environmental Health Sciences with a joint appointment to the National Institute on Minority Health and Health Disparities. She investigates physical

and social environmental factors that impact disparities in sleep health and subsequent risk of cardiometabolic dysfunction.

"To be nominated and recognized in this manner by my highly regarded colleagues has energized me to continue the much-needed work towards helping all individuals – regardless of social identity – reach their full potential."



Girardin Jean-Louis, PhD

Dr. Jean-Louis is professor of psychiatry and neurology at the Miller School of Medicine, University of Miami, and director of the Center on Translational Sleep and Circadian Sciences and the PRIDE Institute on Behavioral Medicine and Sleep Disorders Research. His research focuses on the psychosocial and environmental determinants of health

that prevent access to adequate care in diverse communities. Dr. Jean-Louis also has a well-established record of leading training and mentoring programs to foster sustainable careers of underrepresented minority (URM) scientists.

"This award recognizes the outstanding contributions of the community health champions and URM scholars who have worked tirelessly with our Sleep Equity Workgroup to avail individuals in disadvantaged communities with adequate access to evidence-based sleep and circadian medicine."

Advance Your Career with the **A-STEP** **CCSH EDUCATION** PROGRAM

Start your path towards a Certification in Clinical Sleep Health (CCSH) credential with the A-STEP CCSH Education Program!

STOP BY OUR BOOTH



**CAREER
GROWTH**



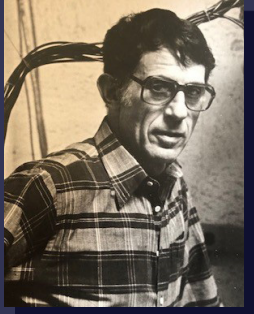
**IMPROVED
PATIENT CARE**



**INCREASED
OPPORTUNITIES**

IN MEMORIAM

The American Academy of Sleep Medicine and Sleep Research Society remember the mentors, colleagues, and friends who have passed away in the time since we met last June for Virtual SLEEP 2021. We are grateful for their many contributions to the fields of sleep medicine and sleep and circadian research. Among the colleagues we lost are these four inspirational leaders.

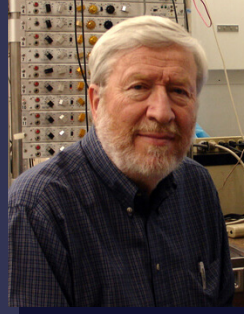


ALLAN RECHTSCHAFFEN PHD

Dr. Rechtschaffen was a longtime SRS member, one of the world's most respected basic and animal sleep investigators, and a recipient of the AASM Nathaniel Kleitman Distinguished

Service Award. He earned a doctorate in clinical psychology from Northwestern University and conducted groundbreaking research at the University of Chicago alongside Kleitman, Dr. Eugene Aserinsky and Dr. William Dement. He is known for his experiments demonstrating the lethal consequences of sleep deprivation in rats, and he and Dr. Anthony Kales developed a standard scoring system for human sleep stages.

Image credit: University of Chicago



ADRIAN MORRISON DVM, PHD

Dr. Morrison was a past president of the Sleep Research Society, a recipient of the SRS Distinguished Scientist Award, and one of the pioneers of modern investigations of neurobiological

mechanisms controlling sleep. He earned a Master of Science and a doctorate in veterinary medicine from Cornell University before earning a doctorate in anatomy from the University of Pennsylvania, where he was a professor in the Department of Veterinary Biology with a secondary appointment in the Department of Psychiatry. He made major contributions to the development of sleep research programs at Penn.

Image credit: University of Pennsylvania

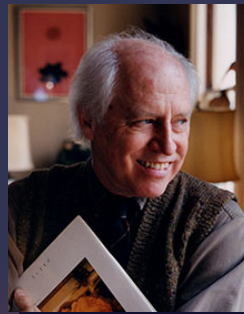


JOE KAMIYA PHD

Dr. Kamiya was the first officer of the organization that became the Sleep Research Society. He earned a doctorate in psychology from the University of California, Berkeley and

was an instructor in the Department of Psychology at the University of Chicago, where he conducted sleep research and learned from Dr. William Dement. Dr. Kamiya began studying physiological indicators of sleep and dreaming, including eye movements of REM sleep. A few years later, he moved to the University of California, San Francisco, where he became known as the "Father of Biofeedback" and stayed until his retirement.

Image credit: Neurofeedback & Neurorehab Institute

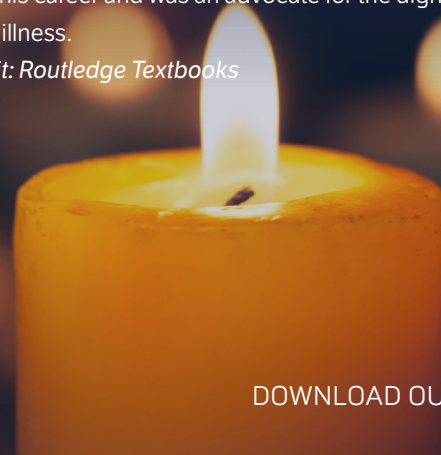


J. ALLAN HOBSON MD

Dr. Hobson was a longtime SRS member who was widely known for his pioneering and influential work exploring dream theory and consciousness. He received his medical degree from Harvard Medical

School, where he became a professor of psychiatry and went on to direct the Laboratory of Neurophysiology for more than four decades. He was recognized for his research on rapid eye movement sleep and the activation-synthesis hypothesis. He was also a psychiatrist with the Massachusetts Mental Health Center throughout his career and was an advocate for the dignity of those with mental illness.

Image credit: Routledge Textbooks



CONTINUING EDUCATION CREDIT INFORMATION

INFORMATION OVERALL EDUCATIONAL OBJECTIVES

Attendance at SLEEP 2022 should give participants a broad understanding of current state-of-the-art sleep medicine, including current clinical practices used when investigating and treating sleep disorders in adults and children; areas of controversy in clinical practice; recent basic science research in both animals and humans; and social, business and political issues relevant to sleep medicine.

LEARNING OBJECTIVES

After attending SLEEP 2022, participants should be able to:

1. Summarize relevant information on the latest sleep research and clinical practices;
2. Identify present issues or challenges in diagnosis/treatment of sleep disorders, practice of sleep medicine or topics related to the field of sleep;
3. Integrate strategies and tools for the enhancement/advancement of sleep medicine; and
4. Recognize and discuss common sleep disorders.

Credit is awarded based on the amount of time spent in each activity (rounded to the nearest quarter hour).

Day	Credit Hours Possible
Saturday	Up to 7.5
Sunday	Up to 7.75
Monday	Up to 7.0
Tuesday	Up to 8.0
Wednesday	Up to 8.0
TOTAL	Up to 38.25

CME also may be available by attending industry-sponsored events.

These credits are made available by the event organizer and are not processed by the AASM.

REQUIREMENTS TO CLAIM CME CREDIT

To receive CME credits, SLEEP 2022 attendees must register separately for CME credit and pay an administrative fee of \$25 (members) or \$40 (nonmembers). Following the meeting, individuals must complete an online claim form to receive CME credit. Further information will be detailed on the CME Reference Form available at the CE table near registration.

TARGET AUDIENCE FOR SLEEP 2022

Participants of the SLEEP 2022 meeting include clinicians, scientists, students and other health care professionals seeking to increase their knowledge of the fields of sleep medicine and sleep research.

Attendees should possess a basic knowledge of biological systems and/or operational issues in medical practice.

CONTINUING MEDICAL EDUCATION (CME) CREDIT FOR PHYSICIANS

SLEEP 2022 meeting activities have been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Sleep Medicine (AASM) and the Associated Professional Sleep Societies, LLC (APSS). The American Academy of Sleep Medicine is accredited by the ACCME to provide continuing medical education (CME) credits for physicians. The AASM designates this live activity for a maximum of 38.25* AMA PRA Category 1 Credits™ for eligible sessions offered in the SLEEP meeting by attending live sessions, purchasing recordings, or combining both methods of participation.

Physicians should claim only the credit commensurate with the extent of their participation in the activity. **To receive proof of participation from SLEEP 2022, please select “Continuing Medical Education (CME) Credits for Physicians” during the registration process.**

TECHNOLOGIST CONTINUING EDUCATION

The American Academy of Sleep Medicine (AASM) will offer AASM Continuing Education Credits (CECs) to sleep technologists who attend SLEEP 2022. A maximum of 38.25* credits may be claimed for eligible sessions offered in the SLEEP meeting by attending live sessions, purchasing recordings, or combining both methods of participation. **To receive proof of participation from SLEEP 2022, please select “AASM CEC for Technologists” during the registration process.**

CONTINUING EDUCATION (CE) FOR PSYCHOLOGISTS

Amedco LLC designates this **live activity** for a maximum of **38.25 live** psychologist contact hours.

SLEEP 2022 sessions are not approved for CE credit for psychologists licensed by the states of New York or New Jersey.

To receive proof of participation from SLEEP 2022, please select “Continuing Education (CE) for Psychologists” during the registration process.

PSYCHOLOGISTS (APA)

ACCREDITATION STATEMENT

In support of improving patient care, this activity has been planned and implemented by Amedco LLC and APSS. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The following state boards accept courses from APA providers for Counselors: AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, MD, ME, MO, NC, ND, NH, NE, NJ, NM, NV, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, WA, WI, WY

MI: No CE requirements

The following state boards accept courses from APA providers for MFTs: AK, AR, AZ, CA, CO, CT, DE, FL, GA, IA, ID, IN, KS, MD, ME, MO, NE, NC, NH, NJ, NM, NV, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, WA, WI, WY

MI: No CE requirement

The following state boards accept courses from APA providers for Addictions Professionals: AK, AR, CO, CT, DC, DE, GA, IA, IN, KS, LA, MD, MO, MT, NC, ND, NE, NJ, NM, NY (outstate held)*, OK, OR, SC, UT, WA, WI, WY

MA / MFTs: Participants can self-submit courses not approved by the MAMFT board for review.

The following state boards accept courses from APA providers for Social Workers: AK, AR, AZ, CA, CO, DE, FL, GA, ID, IN, KY, ME, MN, MO, NE, NH, NM, OR, PA, VT, WI, WY

** If the activity is held live in the state of NY, then direct addictions board is required, i.e.: NAADAC. If the activity is held outside NY, is virtual, enduring or remote, it is considered "outstate" and this reciprocity applies.*

LETTER OF ATTENDANCE

Individuals who are not eligible for any type of continuing education credits offered at SLEEP 2022 may receive a letter of attendance outlining the number of AMA PRA Category 1 Credits™ designated for the sessions they attend at SLEEP 2022. **To receive proof of participation from SLEEP 2022, please select “Letter of Attendance” during the registration process.**

PHYSICIAN ASSISTANT (PA) CREDIT

PAs may claim a maximum of 38.25* Category 1 credits for eligible sessions offered in the SLEEP meeting by attending live sessions, purchasing recordings, or combining both methods of participation. NCCPA accepts AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. **To receive proof of participation from SLEEP 2022, please select “Letter of Attendance” during the registration process.**

NURSE PRACTITIONER (NP) CREDIT

NPs may claim a maximum of 38.25* Category 1 credits for eligible sessions offered in the SLEEP meeting by attending live sessions, viewing on-demand recordings, or combining both methods of participation. The American Academy of Nurse Practitioners Certification Board (AANPCB) accepts AMA PRA Category 1 Credit™ from organizations accredited by the ACCME. Individuals are responsible for checking with the AANPCB for further guidelines. **To receive proof of participation from SLEEP 2022, please select “Letter of Attendance” during the registration process.**

**The maximum number of credits available for attending SLEEP 2022 is inclusive of all ticketed and general sessions. Ticketed sessions must be purchased and attended in order to claim the maximum number of credits.*

DO NOT FORGET TO REGISTER FOR CREDITS

Follow the instructions below to ensure that you receive credit for SLEEP 2022:

1. When you register for SLEEP 2022, be sure to add the appropriate continuing education credits to your registration. This is a separate fee from the general session registration fee.
2. To claim your credit following the meeting, follow the instructions provided in the email sent to you.

DEADLINE TO COMPLETE ONLINE CREDIT CLAIM FORMS:

August 1, 2022, for CE for psychologists

December 15, 2022, for CME, Letters of Attendance, and AASM CEC

After these dates, individuals will no longer be able to receive credits.



MOC

Attendees who register and attend SLEEP 2022 Postgraduate Courses can earn up to 15.00 MOC points and Self-Assessment (SA) CME credits for the following boards:

- The American Board of Internal Medicine (ABIM)
- The American Board of Pediatrics (ABP)
- The American Board of Otolaryngology – Head and Neck Surgery (ABOHN).
- American Board of Psychiatry and Neurology (ABPN)
- Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 15.00 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program, 15.00 MOC points

in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program, 15.00 annual part II self-assessment credit in the American Board of Otolaryngology – Head and Neck Surgery's Continuing Certification program (formerly known as MOC), and 15.00 American Board of Psychiatry and Neurology (ABPN) Self-Assessment (SA) CME credits.

It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM, ABP, or ABOHNS MOC credit.

The American Board of Psychiatry and Neurology has reviewed the SLEEP 2022 Postgraduate Courses Self-Assessment Exams and has approved these activities as a part of a comprehensive Self-Assessment activity, which is mandated by the ABMS as a necessary component of Continuing Certification.

Instructions will be sent to all enrolled participants after the meeting.



POSTER HALL

Get the most out of SLEEP 2022 by visiting the Poster Hall for the poster receptions and presentations
5:15 p.m. – 7:15 p.m. Sunday – Tuesday.

SUNDAY, JUNE 05

1:00 p.m. - 5:15 p.m.

Poster Viewing

5:15 p.m. - 7:15 p.m.

Poster Reception and Presentations

MONDAY, JUNE 06

8:00 a.m. - 5:15 p.m.

Poster Viewing

5:15 p.m. - 7:15 p.m.

Poster Reception and Presentations

TUESDAY, JUNE 07

8:00 a.m. - 5:15 p.m.

Poster Viewing

5:15 p.m. - 7:15 p.m.

Poster Reception and Presentations

PJ5K

JUNE 5TH

Run. Walk. Sleep...For Better Health



Enjoy a 5k run/walk at Charlotte's Romare Bearden Park during the SLEEP 2022 meeting! Join others in the sleep and wellness communities for a run to support patients with sleep disorders and increased sleep research!

ADVOCACY

ADVOCACY PAVILION

A voice for patients

Stop by the Advocacy Pavilion (Booth #609) and meet with the great participants of the AASM Patient Advocacy Roundtable. Learn more about how they provide a voice for patients.

In idiopathic hypersomnia (IH)...

GOOD SLEEP
— OUTWEIGHS —
MORE SLEEP



SLEEP
COUNTS

Are your patients with idiopathic hypersomnia getting the sleep they need?

Find out more at the SleepCounts booth 441.



Visit **SleepCountsHCP.com** to find insights and discover more about idiopathic hypersomnia.



NEW Specialty Practice Accreditation

Improve patient access to OSA care with AASM Specialty Practice Accreditation for cardiology practices.

- Evaluate patients at high risk for OSA
- Partner with an AASM accredited sleep facility to ensure appropriate treatment and follow-up

Learn more at

aasm.org/accreditation



ENJOY THE 7TH ANNUAL SRS Club Hypnos and data blitz!

Reconnect with your colleagues; congratulate SRS and SRSF Awardees; and vote for the Club Hypnos Cup Data Blitz winner. Delicious food will be provided.

Don't miss it!

**6:30 PM - 8:30 PM | June 5TH
Grand Ballroom | Second Floor**

PAD A CHEEK

is for CPAP Comfort

We listen We care We can help

Booth 623

www.padacheek.com 434-985 4003



GENERAL MEMBERSHIP MEETING

Join us to meet the board of directors and hear AASM leaders provide an update on the state of the organization. You will learn about our recent accomplishments and the plans for the year ahead.

MONDAY, JUNE 6, 2022
12:30- 1:45 P.M. | ROOM E216



ANNUAL MEMBERSHIP MEETING

All members are encouraged to attend this business meeting to learn about the past year's accomplishments, meet SRS leadership, and discuss the goals for the upcoming year.

TUESDAY, JUNE 7, 2022
12:45- 1:45 P.M. | ROOM E216



FOUNDATION

We support circadian and sleep research, sleep health and the pipeline of sleep clinicians and researchers.

More than
\$3.5 Million
available in funding for 2022:

- Research Grants
- Community Grants and Awards
- Clinical and Research Training Scholarships...and more!

Learn more about our programs and apply at foundation.aasm.org



FOUNDATION


**Building a Pathway for Sleep
Research and Career Success**

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Foundation's annual
campaign today!*

foundation.aasm.org/donate



SCHEDULE AT A GLANCE

 C	Postgraduate Courses	Intensive reviews of topics presented in a half-day or full-day session format prior to the scientific program.
D	Discussion Groups	Forums for informal presentations of a specific topic, which may include conversations on controversial subjects or pro/con discussions and presentations.
F	Rapid-Fire Symposia	Fast-paced sessions led by junior-level investigators/clinicians focusing on the latest data and ideas in the field.
I	Invited Lectures	Feature senior-level investigators/clinicians presenting on their areas of expertise.
 L	Lunch Debates	Large-group lunch sessions during which two experts in the field debate a single topic. Lunch is provided.
 M	Meet the Professors	Small-group lunch sessions during which an expert in the field leads an informal discussion on a single topic. Lunch is provided.
O	Oral Presentations	Feature investigators presenting their latest research and new ideas in the field.
P	Poster Presentations	Visual representations of the latest research and new ideas in the field.
S	Symposia	Focuses on the latest data and ideas in the field.
T	Technologist Track	Dedicated track for sleep technologists designed to accommodate all levels of sleep technologists and is valuable to all members of the sleep team.
W	Clinical Workshops	Reviews of patient- and business-related aspects of sleep centers. Workshops address difficult clinical situations, business challenges and trends that clinicians experience in their daily practices.

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Available for iOS & Android

**All schedule information
is subject to change.*

Ticketed Events

Tickets required to attend

Postgraduate Courses Lunch Debates
Meet the Professors

SATURDAY

Basic and Translational Sleep and Circadian Science

Clinical Sleep Science and Practice

Technologist Track

	Richardson Ballroom CD	Room E219	Richardson Ballroom B
8:00 a.m. –	C-01 Year in Review 2022 8:00 a.m. - 5:00 p.m.	C-02 Trends in Sleep Medicine 8:00 a.m. - 5:00 p.m.	C-03 Basics of Sleep Guide and Beyond 8:00 a.m. - 5:00 p.m.
8:15 a.m. –			
8:30 a.m. –			
8:45 a.m. –			
9:00 a.m. –			
9:15 a.m. –			
9:30 a.m. –			
9:45 a.m. –			
10:00 a.m. –	Refreshment Break 9:45 a.m. - 10:00 a.m.		
10:15 a.m. –			
10:30 a.m. –			
10:45 a.m. –			
11:00 a.m. –			
11:15 a.m. –			
11:30 a.m. –			
11:45 a.m. –			
12:00 p.m. –	Lunch Break on your own 12:00 p.m. - 1:00 p.m.		
12:15 p.m. –			
12:30 p.m. –			
12:45 p.m. –			
1:00 p.m. –			
1:15 p.m. –			
1:30 p.m. –			
1:45 p.m. –			
2:00 p.m. –			
2:15 p.m. –			
2:30 p.m. –			
2:45 p.m. –	Refreshment Break 2:45 p.m. - 3:00 p.m.		
3:00 p.m. –			
3:15 p.m. –			
3:30 p.m. –			
3:45 p.m. –			
4:00 p.m. –			
4:15 p.m. –			
4:30 p.m. –			
4:45 p.m. –			
5:00 p.m. –			
5:15 p.m. –			

REGISTRATION

6:30 a.m. – 5:30 p.m.
CONCOURSE C

#SLEEP2022



DOWNLOAD OUR MOBILE APP

AVAILABLE FOR IOS & ANDROID

	Room E219	Richardson Ballroom CD	Richardson Ballroom A	Richardson Ballroom B
8:00 a.m. –				
8:15 a.m. –				
8:30 a.m. –	C-05	C-04	C-06	
8:45 a.m. –	PedSleep 2022: A Personalized Medicine Approach for Diagnosing, Managing, and Understanding Pediatric Sleep-Disordered Breathing 8:00 a.m. - 5:00 p.m.	State of the Art for Clinical Practitioners 8:00 a.m. - 5:00 p.m.	Sleep Odysseys: Evolution of Sleep Medicine Practice in a Time of Disruption 8:00 a.m. - 12:00 p.m.	
9:00 a.m. –				
9:15 a.m. –				
9:30 a.m. –				
9:45 a.m. –				
10:00 a.m. –		Refreshment Break 9:45 a.m. - 10:00 a.m.		
10:15 a.m. –				
10:30 a.m. –				
10:45 a.m. –				
11:00 a.m. –				
11:15 a.m. –				
11:30 a.m. –				
11:45 a.m. –				
12:00 p.m. –				
12:15 p.m. –		Lunch Break on your own 12:00 p.m. - 1:00 p.m.		
12:30 p.m. –				
12:45 p.m. –				
1:00 p.m. –				
1:15 p.m. –			C-08	C-07
1:30 p.m. –			Addressing Four Current Issues in Managing RLS 1:00 p.m. - 5:00 p.m.	The Ones and Zeros of Digitizing your Practice: Roadmap to Choosing Digital Health Solutions 1:00 p.m. - 5:00 p.m.
1:45 p.m. –				
2:00 p.m. –				
2:15 p.m. –				
2:30 p.m. –				
2:45 p.m. –		Refreshment Break 2:45 p.m. - 3:00 p.m.		
3:00 p.m. –				
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3:30 p.m. –				
3:45 p.m. –				
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4:15 p.m. –				
4:30 p.m. –				
4:45 p.m. –				
5:00 p.m. –				
5:15 p.m. –				

REGISTRATION

6:30 a.m. – 5:30 p.m.
CONCOURSE C

POSTER PRESENTATIONS

5:15 p.m. – 7:15 p.m. / June 5
HALL C2

SRS CLUB HYPNOS

6:30 p.m. – 8:30 p.m. / June 5
WESTIN GRAND BALLROOM

Session Types:

C  Postgraduate Courses

I Invited Lecturers

O Oral Presentations


W Clinical Workshops

D Discussion Groups


L  Lunch Debates

P Poster Presentations

F Rapid-Fire Symposia

M  Meet the Professors

S Symposia

Room W206	Room W207	Room W209ABC	Westin
			– 8:00 a.m. – 8:15 a.m. – 8:30 a.m. – 8:45 a.m. – 9:00 a.m. – 9:15 a.m. – 9:30 a.m. – 9:45 a.m. – 10:00 a.m. – 10:15 a.m. – 10:30 a.m. – 10:45 a.m. – 11:00 a.m. – 11:15 a.m. – 11:30 a.m. – 11:45 a.m. – 12:00 p.m. – 12:15 p.m. – 12:30 p.m. – 12:45 p.m. – 1:00 p.m. – 1:15 p.m. – 1:30 p.m. – 1:45 p.m. – 2:00 p.m. – 2:15 p.m. – 2:30 p.m. – 2:45 p.m. – 3:00 p.m. – 3:15 p.m. – 3:30 p.m. – 3:45 p.m. – 4:00 p.m. – 4:15 p.m. – 4:30 p.m. – 4:45 p.m. – 5:00 p.m. – 5:15 p.m.
Lunch Break on your own 12:00 p.m. - 1:00 p.m.			
O-01 Sleep Disruptions and Potential Biomarkers Linked to Disease 1:00 p.m. - 3:00 p.m.	S-01 Too Little Too Late: Consequences of Sleep Restriction During Development 1:00 p.m. - 3:00 p.m.	F-01 Sleep Matters for Women's Health 1:00 p.m. - 3:00 p.m.	
Refreshment Break 3:00 p.m. - 3:15 p.m.			
D-01 Understanding the Role of Structural Racism and Discrimination in Sleep Disparities 3:15 p.m. - 5:15 p.m.	S-02 The Mind After Midnight: Nocturnal Wakefulness, Behavioral Dysregulation, and Psychopathology 3:15 p.m. - 5:15 p.m.	O-02 Sleep and Circadian Factors in Physical and Cognitive Performance 3:15 p.m. - 5:15 p.m.	 Hands-On Session 3:15 p.m. - 5:15 p.m.

	Room E219	Richardson Ballroom CD	Richardson Ballroom A	Richardson Ballroom B	Room W206
8:00 a.m. –					
8:15 a.m. –					
8:30 a.m. –					
8:45 a.m. –					
9:00 a.m. –					
9:15 a.m. –					
9:30 a.m. –					
9:45 a.m. –					
10:00 a.m. –					
10:15 a.m. –	Refreshment Break 10:00 a.m. - 10:30 a.m.				
10:30 a.m. –					
10:45 a.m. –	S-03	I-02	O-05	D-02	I-03
11:00 a.m. –	More Than Mindfulness: Addressing Sleep, Fatigue, and Burnout in Sleep Medicine Professionals 10:30 a.m. - 12:30 p.m.	Re-Imagining The Diagnosis of Obstructive Sleep Apnea 10:30 a.m. - 11:30 a.m.	Insomnia: Pathophysiology, Epidemiology, and Comorbidity 10:30 a.m. - 12:30 p.m.	Rise of the Patient Voice in Sleep Medicine: The Role of Patient Advocacy Groups in Enhancing Sleep Care 10:30 a.m. - 12:30 p.m.	Sleep and Neurotrauma (TBI/ PTSD): From Bench to Bedside and Back Again 10:30 a.m. - 11:30 a.m.
11:15 a.m. –					
11:30 a.m. –					
11:45 a.m. –		O-03			O-04
12:00 p.m. –		Obstructive Sleep Apnea 11:30 a.m. - 12:30 p.m.			Sleep and Sleep Function in Adolescents 11:30 a.m. - 12:30 p.m.
12:15 p.m. –					
12:30 p.m. –					
12:45 p.m. –	Lunch Break on your own 12:30 p.m. - 1:45 p.m.				
1:00 p.m. –					
1:15 p.m. –					
1:30 p.m. –					
1:45 p.m. –					
2:00 p.m. –	I-04	I-05	O-09	O-08	O-10
2:15 p.m. –	Childhood OSA: Challenges and Opportunities 1:45 p.m. - 2:45 p.m.	The Neurobiology of Narcolepsy: What Sleepy Mice Can Teach Us... 1:45 p.m. - 2:45 p.m.	Healthcare Delivery and Education 1:45 p.m. - 2:45 p.m.	Sleep and COVID-19 1:45 p.m. - 2:45 p.m.	Sleep Disruptions and Potential Biomarkers Linked 1:45 p.m. - 2:45 p.m.
2:30 p.m. –					
2:45 p.m. –					
3:00 p.m. –	Refreshment Break 2:45 p.m. - 3:15 p.m.				
3:15 p.m. –					
3:30 p.m. –	O-11	S-06	S-05	D-04	S-07
3:45 p.m. –	Sleep Considerations in Hypertension, Arrhythmias, and More 3:15 p.m. - 5:15 p.m.	Phenotyping of Insomnia: A Realistic Prospect or Chimaera 3:15 p.m. - 5:15 p.m.	Polysomnographic Findings in Children Taking Antidepressants 3:15 p.m. - 5:15 p.m.	Collaborating Across Communities to Achieve Better Sleep Health Care: A Call to Action 3:15 p.m. - 5:15 p.m.	Ecologically Valid Assessment of Sleep, Fatigue, and Circadian Misalignment in Special Populations 3:15 p.m. - 5:15 p.m.
4:00 p.m. –					
4:15 p.m. –					
4:30 p.m. –					
4:45 p.m. –					
5:00 p.m. –					
5:15 p.m. –					

REGISTRATION

6:30 a.m. – 5:30 p.m.
CONCOURSE C

POSTER PRESENTATIONS

5:15 p.m. – 7:15 p.m. / June 6
HALL C2

EXHIBIT HALL

10:00 a.m. – 4:00 p.m.
HALL B & C1

Session Types:

C Postgraduate Courses

I Invited Lectures

O Oral Presentations

W Clinical Workshops

D Discussion Groups

L Lunch Debates

P Poster Presentations

F Rapid-Fire Symposia

M Meet the Professors

S Symposia

Room W207	Room W208	Room W209 ABC	Room W209 DEF	Crown Ballroom
				<div> Plenary Session and Keynote Address I-01 Retiring our Procrustean Bed: Recognizing The Myriad Pathways That Sleep Apnea Increases Cardiovascular Disease Risk 8:15 a.m. - 10:00 a.m. </div>
Refreshment Break 10:00 a.m. - 10:30 a.m.				
S-04 Utilizing Models of Restless Legs Syndrome to Understand Brain Iron Dysregulation and its Consequence 10:30 a.m. - 12:30 p.m.	D-03 Sleep, the Internet, and Social Media 10:30 a.m. - 12:30 p.m.	O-06 Pediatrics: Sleepless Children 10:30 a.m. - 12:30 p.m.	T-01 PAP Titrations 10:30 a.m. - 11:30 a.m.	
			T-02 Current Issues In Sleep Center Management 11:30 a.m. - 12:30 p.m.	
Lunch Break on your own 12:30 p.m. - 1:45 p.m.				
		O-07 Novel Approaches and Facilitators in CBT-I 1:45 p.m. - 2:45 p.m.	T-03 Pediatrics Update 1:45 p.m. - 2:45 p.m.	
Refreshment Break 2:45 p.m. - 3:15 p.m.				
D-06 The NIH Sleep Research Plan: Advancing the Science of Sleep and Circadian Research 3:15 p.m. - 5:15 p.m.	O-12 New Insights into Sleep's Role in Cognitive Functions 3:15 p.m. - 5:15 p.m.	D-05 Device Recall, Regulatory Oversight, and Advocacy - Impacts on Practice and Research in Sleep Medicine 3:15 p.m. - 5:15 p.m.	T-04 Non-PAP Alternatives For Sleep Disordered Breathing-Essentials 3:15 p.m. - 5:15 p.m.	

**AASM ANNUAL
MEMBERSHIP MEETING**
12:30 p.m. – 1:45 p.m.
E216

PLENARY SESSION
8:15 a.m. – 10:00 a.m.
CROWN BALLROOM

TUESDAY

Basic and Translational Sleep and Circadian Science

Clinical Sleep Science and Practice

Technologist Track

	Room E219	Richardson Ballroom CD	Richardson Ballroom A	Richardson Ballroom B
8:00 a.m. –				
8:15 a.m. –				
8:30 a.m. –				
8:45 a.m. –				
9:00 a.m. –				
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10:00 a.m. –				
10:15 a.m. –	Refreshment Break 10:00 a.m. - 10:30 a.m.			
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12:45 p.m. –	Lunch Break on your own 12:30 p.m. - 1:45 p.m.			
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3:00 p.m. –	Refreshment Break 2:45 p.m. - 3:15 p.m.			
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4:30 p.m. –				
4:45 p.m. –				
5:00 p.m. –				
5:15 p.m. –				

REGISTRATION

7:30 a.m. – 5:00 p.m.
CONCOURSE C

POSTER PRESENTATIONS

5:15 p.m. – 7:15 p.m. / June 7
HALL C2

EXHIBIT HALL

10:00 a.m. – 4:00 p.m.
HALL B & C1

Session Types:

C Postgraduate Courses

I Invited Lectures

O Oral Presentations

W Clinical Workshops

D Discussion Groups

L Lunch Debates

P Poster Presentations

F Rapid-Fire Symposia

M Meet the Professors

S Symposia

Room W206	Room W207	Room W208	Room W209 ABC	Room W209 DEF	
S-10 Sleep, Glymphatic Exchange, and Potential Clinical Implications 8:00 a.m. - 10:00 a.m.	S-09 The Preoptic Area in Sleep And Arousal 8:00 a.m. - 10:00 a.m.	D-08 Optimizing Sleep for Elite Performers: Translating the Science into Real-World Outcomes 8:00 a.m. - 10:00 a.m.	W-02 Case-Based Approach in the Evaluation And Management of Congenital Central Hypoventilation Syndrome 8:00 a.m. - 10:00 a.m.	T-05 Sleep-Related Movement Disorders 8:00 a.m. - 9:00 a.m.	– 8:00 a.m.
				T-06 What Do We Know About Substances and Sleep? 9:00 a.m. - 10:00 a.m.	– 8:15 a.m.
Refreshment Break 10:00 a.m. - 10:30 a.m.					– 8:30 a.m.
S-12 Alternatives to the Conventional Methods and Assumptions in Human Sleep Neuroscience 10:30 a.m. - 12:30 p.m.	O-14 How the COVID-19 Pandemic and Related Stressors Changed Sleep 10:30am - 11:30am		O-17 Sleep-Disordered Breathing Through Differing Demographics 10:30 a.m. - 12:30 p.m.	T-07 Complex Sleep-Related Respiratory Disorders 10:30 a.m. - 12:30 p.m.	– 8:45 a.m.
	O-16 Abnormal Movements: RLS to RBD 11:30 a.m. - 12:30 p.m.				– 9:00 a.m.
Lunch Break on your own 12:30 p.m. - 1:45 p.m.					– 9:15 a.m.
O-20 Sleep and Circadian Biomarkers: What Can we Learn from Them? 1:45 p.m. - 2:45 p.m.			O-18 New Insights into Sleep and Aging 1:45 p.m. - 2:45 p.m.	T-08 Artificial Intelligence and Sleep 1:45 p.m. - 2:45 p.m.	– 9:30 a.m.
Refreshment Break 2:45 p.m. - 3:15 p.m.					– 9:45 a.m.
O-21 Sleep Health Disparities Across the Lifespan: Determinants, Consequences, and Intervention 3:15 p.m. - 5:15 p.m.	S-14 The Addressing the Myths, Misconceptions, and Misused Science of Time Change Policy 3:15 p.m. - 5:15 p.m.		W-05 Innovations in Behavioral Sleep Medicine: Interventions for Narcolepsy, Sleep Apnea, and REM Sleep Behavior Disorder 3:15 p.m. - 5:15 p.m.	T-09 Sleep ISR Panel 3:15 p.m. - 4:15 p.m.	– 10:00 a.m.
					– 10:15 a.m.
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					– 5:00 p.m.
					– 5:15 p.m.

SRS ANNUAL MEMBERSHIP MEETING

12:45 p.m. – 1:45 p.m.
E216

LATE BREAKING ABSTRACTS

1:45 p.m. – 2:45 p.m.
RICHARDSON BALLROOM B

#SLEEP2022



	Room E219	Richardson Ballroom CD	Richardson Ballroom A	Richardson Ballroom B
8:00 a.m. –				
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10:15 a.m. –	Refreshment Break 10:00 a.m. - 10:30 a.m.			
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12:45 p.m. –	Lunch Break on your own 12:30 p.m. - 1:45 p.m.			
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5:15 p.m. –				

REGISTRATION

7:30 a.m. – 5:00 p.m.
CONCOURSE C

EXHIBIT HALL

10:00 a.m. – 1:30 p.m.
HALL B & C1

#SLEEP2022



Session Types:

C 🏠 Postgraduate Courses

I Invited Lecturers

O Oral Presentations

W Clinical Workshops

D Discussion Groups

L 🏠 Lunch Debates

P Poster Presentations


F Rapid-Fire Symposia

M 🏠 Meet the Professors

S Symposia

Room W206	Room W207	Room W209 ABC	
O-25 Roles of Sleep, Circadian, and Behavioral Cycles in Cardiometabolic and Psychological Health 8:00 a.m. - 10:00 a.m.	O-24 The Impact of Emotion and Stress on Sleep 8:00 a.m. - 10:00 a.m.	D-10 Clinical Trials of OSA Treatment in Cardiovascular Disease – What Does the Future Hold? 8:00 a.m. - 10:00 a.m.	– 8:00 a.m. – 8:15 a.m. – 8:30 a.m. – 8:45 a.m. – 9:00 a.m. – 9:15 a.m. – 9:30 a.m. – 9:45 a.m. – 10:00 a.m. – 10:15 a.m. – 10:30 a.m. – 10:45 a.m. – 11:00 a.m. – 11:15 a.m. – 11:30 a.m. – 11:45 a.m. – 12:00 p.m. – 12:15 p.m. – 12:30 p.m. – 12:45 p.m. – 1:00 p.m. – 1:15 p.m. – 1:30 p.m. – 1:45 p.m. – 2:00 p.m. – 2:15 p.m. – 2:30 p.m. – 2:45 p.m. – 3:00 p.m. – 3:15 p.m. – 3:30 p.m. – 3:45 p.m. – 4:00 p.m. – 4:15 p.m. – 4:30 p.m. – 4:45 p.m. – 5:00 p.m. – 5:15 p.m.
Refreshment Break 10:00 a.m. - 10:30 a.m.			
D-11 Moving Past Validation: Best Practices for Rapid but Rigorous Evaluation of Technology to Assess Sleep and Circadian Health 10:30 a.m. - 12:30 p.m.	S-17 Disturbed Daily Activity Patterns and Alzheimer's Disease: Latest Updates and Future Questions 10:30 a.m. - 12:30 p.m.		
Lunch Break on your own 12:30 p.m. - 1:45 p.m.			
		O-29 Pediatrics: Sleepy Children 1:45 p.m. - 2:45 p.m.	
Refreshment Break 2:45 p.m. - 3:15 p.m.			
	D-13 Wake Up and Learn: Implementation, Expansion, and Outcomes of a School-Based Sleep Education and Surveillance Program 3:15 p.m. - 5:15 p.m.	O-30 Non-PAP Treatment for Sleep Apnea 3:15 p.m. - 5:15 p.m.	

Sunday June 5th

 The 27th Annual Sleep Research Society Trainee Symposia Series will be held Sunday, June 5, 2022, at the Charlotte Convention Center. The event is free to SRS and AASM student members who registered by April 24, 2022. On-site registration for this program is NOT available.

**View the full
schedule:**



Trainee Networking Development Suite E218

The SRS Trainee Networking Development Suite offers trainee members an opportunity to network and learn with other trainees, experienced researchers and mentors in sleep and circadian science throughout SLEEP 2022. The Suite is open during the meeting, including food and beverage during breakfast and lunch sessions which are first-come, first-served. These breakfast and lunch sessions are free, though limited to 50 people, so arrive early to ensure admission!

MONDAY, JUNE 6

7:00 a.m. – 8:00 a.m.

Navigating Mentors: From primary to multi-mentorship teams

Mary A. Carskadon, PhD
Darlynn Rojo-Wissar, PhD
Nancy Stewart, DO

11:30 a.m. – 12:30 p.m.

Advice for Career Transitions

Spencer Dawson, PhD
Octavia Goodman
Jared Saletin, PhD

TUESDAY, JUNE 7

7:00 a.m. – 8:00 a.m.

Scientific Jobs Outside of Academia

Jason Ong, PhD
Samantha Riedy, PhD
Wendy Troxel, PhD

11:30 a.m. – 12:30 p.m.

How to Incorporate Diversity in One's Research

Selena Nguyen-Rodriguez, PhD, MPH
Azizi Seixas, PhD
Carleara Weiss, PhD, MS, RN

WEDNESDAY, JUNE 8

7:00 a.m. – 8:00 a.m.

Getting Your Research Out There: Being a scientist and science communicator

Jesse Cook
Tony Cunningham, PhD



NEW FOR 2022!

THE SLEEP ISR SCORING COURSE

Learn the concepts behind sleep study scoring and interpretation of in-laboratory polysomnogram with the new online teaching program – The Sleep ISR Scoring Course!

VISIT THE SOCIETY BOOTH TO LEARN MORE!

INTERESTED IN SUPPORTING THE
**NEXT GENERATION OF SLEEP &
CIRCADIAN RESEARCHERS?**



Looking Back...

- Would it have been beneficial to attend more scientific conferences as a trainee?
- Did you have a mentor that helped you navigate your path early in your career?
- Was applying for your first grant an overwhelming experience?
- Do you think an additional \$50,000 in research funding would have helped jump-start your career?

The SRS Foundation provides funding for travel grants, mentor programs, grant writing workshops, investigator research awards, and other programs that benefit early-career investigators.

DONATE TODAY!

Your contribution will help underwrite these programs to recruit the best and brightest to the sleep and circadian sciences.



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INVITED LECTURERS

★ KEYNOTE SPEAKER

SUSAN REDLINE, MD, MPH

Monday, June 6 | 9:00 a.m. – 10:00 a.m.
*Peter C. Farrell Professor of Sleep Medicine,
Brigham and Women's Hospital*
**Retiring our Procrustean Bed:
Recognizing the Myriad Pathways
that Sleep Apnea Increases
Cardiovascular Disease Risk**
CROWN BALLROOM

Susan Redline, MD, is the Peter C. Farrell Professor of Sleep Medicine at Harvard Medical School, professor of epidemiology at Harvard TH Chan School of Public Health, and director of the Programs in Sleep and Cardiovascular Medicine and Sleep Medicine Epidemiology at Brigham and Women's Hospital. Dr. Redline leads the Sleep Reading Center for several major NIH multicenter studies and has led large cohort studies investigating cardiovascular and neurocognitive outcomes of sleep disorders. Redline co-authored more than 600 manuscripts and has served the sleep medicine community in many ways, including as a past board member of the Sleep Research Society and American Academy of Sleep Medicine.

SANJAY PATEL, MD

Monday, June 6 | 10:30 a.m. – 11:30 a.m.
*Professor of Medicine, Epidemiology, and
Clinical and Translational Science,
University of Pittsburgh*
**Re-Imagining the Diagnosis of
Obstructive Sleep Apnea**
RICHARDSON BALLROOM C/D

Sanjay R. Patel, MD, is a professor of medicine, epidemiology, and clinical and translational science at the University of Pittsburgh, where he directs the Center for Sleep and Cardiovascular Outcomes Research. He is a board-certified sleep medicine physician and directs the Comprehensive Sleep Disorders Center at the University of Pittsburgh Medical Center (UPMC). His research has focused on the epidemiology of sleep duration and sleep apnea focusing on the bi-directional impact of sleep disorders with cardio-metabolic disease as well as racial disparities in sleep health outcomes. Most recently, he chaired the Sleep-Related Breathing Disorders working group for the upcoming revision of the ICSD-3.

MIRANDA LIM, MD, PHD

Monday, June 6 | 10:30 a.m. – 11:30 a.m.
*Associate Professor of Neurology,
Oregon Health & Science University*
**Sleep and Neurotrauma
(TBI/PTSD): From Bench to
Bedside and Back Again**
W206AB

Miranda M. Lim, MD, PhD, is an associate professor in neurology at Oregon Health & Science University and a staff neurologist and research investigator at the VA Portland Health Care System. She completed fellowship training in sleep medicine at the University of Pennsylvania, pursuing postdoctoral research that identified a novel dietary therapy composed of branched chain amino acids for the treatment of sleep-wake disturbances following mild traumatic brain injury, and she was awarded the Sleep Research Society Young Investigator Award for this work. Dr. Lim is currently supported by the VA, DoD, NSF, and NIH to perform translational sleep research on rodent models and human subjects with neurodevelopmental disorders, TBI, PTSD, and neurodegenerative disorders.

RONALD CHERVIN, MD

Monday, June 6 | 1:45 p.m. – 2:45 p.m.
*Professor of Neurology,
University of Michigan*
**Childhood OSA:
Challenges and Opportunities**
E219ABCD

Ronald D. Chervin, MD, is a professor of neurology at the University of Michigan, where he holds the Michael S. Aldrich Collegiate Professorship in Sleep Medicine. Dr. Chervin's research, funded by the NIH since 1997, has addressed a wide range of issues in sleep medicine across the lifespan, with particular focus on obstructive sleep apnea, daytime sleepiness, subjective and objective assessment techniques, biomedical innovation, and cognitive and behavioral consequences of childhood sleep disorders. He is a past president of the American Academy of Sleep Medicine and the Associated Professional Sleep Societies, and a former board member of the Sleep Research Society.



THOMAS SCAMMELL, MD

Monday, June 6 | 1:45 p.m. – 2:45 p.m.
Professor, Beth Israel Deaconess Medical Center

The Neurobiology of Narcolepsy: What Sleepy Mice Can Teach Us about Sleepy People

RICHARDSON BALLROOM C/D

Thomas Scammell, MD, is a professor of neurology at Harvard Medical School, Beth Israel Deaconess Medical Center, and Boston Children's Hospital, in Boston, Massachusetts. For the last 25 years, Dr. Scammell has run a research lab at Beth Israel Deaconess Medical Center focused on identifying the neural mechanisms that control sleep and wakefulness. He has received several NIH grants to study the control of sleep and wakefulness by the hypothalamus and brainstem. He is a section editor for UpToDate and Principles and Practice of Sleep Medicine and was a deputy editor of Sleep. He has published more than 150 research articles, reviews, and chapters.



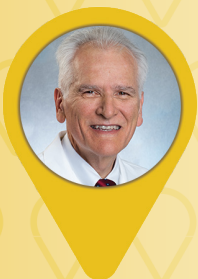
MARK BLUMBERG, PHD

Tuesday, June 7 | 1:45 p.m. – 2:45 p.m.
Professor and Department Chair, The University of Iowa

Development Needs Sleep and Sleep Needs Development

E219ABCD

Mark Blumberg, PhD, is chair and F. Wendell Miller Professor in the Department of Psychological & Brain Sciences at the University of Iowa. His research focuses on the development, neural mechanisms, and functions of sleep. He has had continuous NIH funding since 1994, including a MERIT Award (2014-2024). He has also written several books, including *Freaks of Nature: What Anomalies Tell Us about Development and Evolution*, and co-edited *The Oxford Handbook of Developmental Behavioral Neuroscience*.



TOM ROTH LECTURE OF EXCELLENCE **CHARLES CZEISLER, MD, PHD**

Tuesday, June 7 | 1:45 p.m. – 2:45 p.m.
Frank Baldino, Jr., PhD Professor of Sleep Medicine and Director, Division of Sleep Medicine, Division of Sleep Medicine at Harvard Medical School and Brigham and Women's Hospital

Enhancing Sleep Literacy Among

College Students through a General Education Course

RICHARDSON BALLROOM C/D

Charles Czeisler, PhD, MD, co-founded and directs the Division of Sleep Medicine at Harvard Medical School, where he is the Frank Baldino, Jr., PhD Professor of Sleep Medicine and Professor of Medicine. He teaches three undergraduate courses at Harvard College and is founding Chief of the Division of Sleep and Circadian Disorders at Brigham and Women's Hospital. Dr. Czeisler discovered that light resets the brain's circadian clock in humans, even in some totally blind people, and that light can be used to effectively treat maladaptation to night shift work. Dr. Czeisler directs the largest NIH-supported sleep- and circadian-research training program in the nation and led NASA's Sleep Team.



YO-EL JU, MD

Wednesday, June 8 | 1:45 p.m. – 2:45 p.m.
Professor of Neurology, Washington University

Sleep and Neurodegeneration

RICHARDSON BALLROOM C/D

Yo-El Ju, MD, is a physician-scientist studying the relationship of sleep and neurodegenerative diseases, and the Barbara Burton and Reuben Morris III Professor of Neurology at Washington University in Saint Louis. She co-directs the Center on Biological Rhythms and Sleep (COBRAS) at Washington University. In addition to leading a robust research program on sleep and Alzheimer's disease, she is co-principal investigator for the North American Prodromal Synucleinopathy (NAPS) Consortium for REM sleep behavior disorder. In addition to her research work, she sees patients at the Washington University Sleep Medicine Center and at Barnes-Jewish Hospital.



LAUREN HALE, PHD

Wednesday, June 8 | 1:45 p.m. – 2:45 p.m.
Professor of Family, Population, and Preventive Medicine, Stony Brook University

Social Determinants of Sleep Health

E219ABCD

Lauren Hale, PhD, is a professor of Family, Population, & Preventive Medicine and served on faculty at the Program in Public Health at Stony Brook Medicine in New York. Hale is an expert in the social patterns of sleep and how it contributes to a cycle of inequality in health and well-being. She is currently researching what factors affect teenagers and young adults for determining how much they sleep and the consequences of their sleep patterns on their physical and mental health. Hale is the founding editor-in-chief of the Sleep Health Journal and has published over 100 peer-reviewed articles.



ISABELLE ARNULF, MD, PHD

Tuesday, June 7 | 10:30 a.m. – 11:30 a.m.
Professor of Neurology, Sorbonne University

Sleeping Too Much: The Challenges of Idiopathic Hypersomnia

RICHARDSON BALLROOM C/D

Isabelle Arnulf, MD, PhD, is a professor of neurology at Sorbonne University in Paris and director of the Sleep Disorders Center and the National Reference Center for Rare Hypersomnias at Pitie-Salpetriere hospital in Paris, France. Her research thematic is focused on the mechanisms of idiopathic hypersomnia and Kleine-Levin syndrome, as well as abnormal behaviors during sleep.

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*Yoon, D.W., Hong, I.H., Baik, I. et al. Evaluation of the feasibility and preference of Nox-A1 type 2 ambulatory device for unattended home sleep test: a randomized crossover study. Sleep Biol. Rhythms 17, 297-304 (2019)

POSTGRADUATE COURSES

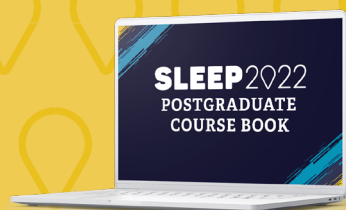
ALL POSTGRADUATE COURSES REQUIRE ADDITIONAL REGISTRATION FEES

Tickets for available sessions can be purchased at the SLEEP 2022 registration counters.

THE APSS WILL PROVIDE POSTGRADUATE COURSE MATERIALS IN AN ELECTRONIC FORMAT ONLY

Prior to the meeting, attendees who pre-registered were allowed to download and print the course materials. Please note that the APSS will not supply computers or tablets to view the material or power for computers or tablets. It is imperative that attendees wishing to view the course materials on their laptops or tablets have them sufficiently powered prior to arrival at the meeting each day.

The SLEEP 2022 Postgraduate Course Book contains the slides from each of the 8 Postgraduate Courses presented at SLEEP 2022.



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downloadable copy at
registration.**

POSTGRADUATE COURSES

All postgraduate courses require additional registration fees. Tickets for available sessions can be purchased at the SLEEP 2022 registration counter.

The APSS will provide postgraduate course materials in an electronic format only. Prior to the meeting, attendees who pre-registered were allowed to download and print the course materials. Please note that the APSS will not supply computers or tablets to view the material or power for computers or tablets. It is imperative that attendees wishing to view the course materials on their laptops or tablets have them sufficiently powered prior to arrival at the meeting each day.

SATURDAY, JUNE 4, 2022

C-01: Year in Review 2022

Richardson Ballroom CD | 8:00 a.m. – 5:00 p.m.

Co-Chairs: Julio Fernandez-Mendoza, PhD, and Rebecca Spencer, PhD

Time	Lecture Title
8:00 a.m. – 8:15 a.m.	Introduction
8:15 a.m. – 9:00 a.m.	What Have We Learned About COVID-19's Impact on Sleep and Circadian Rhythms? <i>Charles Morin, PhD</i>
9:00 a.m. – 9:45 a.m.	Sleep Health Equity Research: What are the New Emerging Trends and Applications? <i>Carmela Alcántara, PhD</i>
9:45 a.m. – 10:00 a.m.	Break
10:00 a.m. – 10:45 a.m.	Sleep Apnea: Using Technology for Personalized and Participatory Medicine <i>Erna Sif Arnardottir, PhD</i>
10:45 a.m. – 11:30 a.m.	Advances in Adolescent Insomnia, Pathophysiology, Outcomes, and Treatment Approaches <i>Julio Fernandez-Mendoza, PhD</i>
11:30 a.m. – 12:00 p.m.	Q & A
12:00 p.m. – 1:00 p.m.	Lunch (on your own)
1:00 p.m. – 1:15 p.m.	Recap
1:15 p.m. – 2:00 p.m.	Sleep and Cannabis Use: Relationships and Genetic Liability <i>Evan Winiger, PhD</i>
2:00 p.m. – 2:45 p.m.	Sleep Wearable Sensing to Assess Free-Living Remote Health <i>Massimiliano de Zambotti, PhD</i>
2:45 p.m. – 3:00 p.m.	Break
3:00 p.m. – 3:45 p.m.	Sleep Oscillations: A Novel Biomarker for Mental Illness <i>Bengi Baran, PhD</i>
3:45 p.m. – 4:30 p.m.	Obesity: Not Just About What's on The Plate <i>Marie-Pierre St-Onge, PhD</i>

4:30 p.m. – 5:00 p.m.	Q & A
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C-02: Trends in Sleep Medicine

Room E219 | 8:00 a.m. – 5:00 p.m.

Co-Chairs: Christopher Depner, PhD, and Shalini Paruthi, MD

Time	Lecture Title
8:00 a.m. – 8:15 a.m.	Introduction
8:15 a.m. – 9:00 a.m.	Sleep Disruption, Circadian Misalignment, and Adverse Cardiometabolic Risk <i>Christopher Depner, PhD</i>
9:00 a.m. – 9:45 a.m.	Sleep in the Time of COVID: An Update on How Sleep Affects the Immune System <i>Aric Prather, PhD</i>
9:45 a.m. – 10:00 a.m.	Break
10:00 a.m. – 10:45 a.m.	Support and Advocacy Groups: Extending the Care we Provide <i>Shalini Paruthi, MD</i>
10:45 a.m. – 11:30 a.m.	Tired and Wired: Sleep in Children with Autism or Attention Deficit Hyperactivity Disorder <i>Amy Licis, MD</i>
11:30 a.m. – 12:00 p.m.	Q & A
12:00 p.m. – 1:00 p.m.	Lunch (on your own)
1:00 p.m. – 1:15 p.m.	Recap
1:15 p.m. – 2:00 p.m.	Sleep Navigators: REMarkable Assets or Logistical Nightmares? <i>Jaspal Singh, MD</i>
2:00 p.m. – 2:45 p.m.	Social Media: Dream or Nightmare? <i>Seema Khosla, MD</i>
2:45 p.m. – 3:00 p.m.	Break
3:00 p.m. – 3:45 p.m.	No Sleep Till Brooklyn Charlotte - Sleep Issues in Women: A Wakeup Call to Action <i>Andrea Matsumura, MD</i>
3:45 p.m. – 4:30 p.m.	‘PowerSleep’ – Technological Approaches to Enhancing Sleep to Enhance Cognition <i>Clare Anderson, PhD</i>
4:30 p.m. – 5:00 p.m.	Q & A

C-03: Basics of Sleep Guide and Beyond

Richardson Ballroom B | 8:00 a.m. – 5:00 p.m.

Chair: Alexandria Cooley Reynolds, PhD

Time	Lecture Title
8:00 a.m. – 8:15 a.m.	Introduction
8:15 a.m. – 9:00 a.m.	Normal Human Sleep Across the Life Cycle <i>Mary Carskadon, PhD</i>
9:00 a.m. – 9:45 a.m.	Neurobiology, Neurochemistry, and Biochemistry of Sleep <i>Jonathan Wisor, PhD</i>
9:45 a.m. – 10:00 a.m.	Break
10:00 a.m. – 10:45 a.m.	Sleep Physiology: Autonomic Nervous System and Thermoregulation <i>Fiona Baker, PhD</i>
10:45 a.m. – 11:30 a.m.	Sleep Physiology: Endocrinology and Immunology <i>Mark Opp, PhD</i>
11:30 a.m. – 12:00 p.m.	Q & A
12:00 p.m. – 1:00 p.m.	Lunch (on your own)
1:00 p.m. – 1:15 p.m.	Recap
1:15 p.m. – 2:00 p.m.	Sleep and the Circadian System <i>Frank Scheer, PhD</i>
2:00 p.m. – 2:45 p.m.	Sleep and the Microbiome <i>Kenneth Wright, PhD</i>
2:45 p.m. – 3:00 p.m.	Break
3:00 p.m. – 3:45 p.m.	Sleep, Memory, and Learning <i>Frank Raven, PhD</i>
3:45 p.m. – 4:30 p.m.	Sleep Study with Large Data Sets <i>Rebecca Robbins, PhD</i>
4:30 p.m. – 5:00 p.m.	Q & A

SUNDAY, JUNE 5, 2022

C-04: 2022 State of the Art for Clinical Practitioners

Richardson Ballroom CD | 8:00 a.m. – 5:00 p.m.

Co-Chairs: Alon Avidan, MD, and Romy Hoque, MD

Time	Lecture Title
8:00 a.m. – 8:15 a.m.	Introduction
8:15 a.m. – 9:00 a.m.	Noninvasive Ventilation: Beyond the Basics <i>Lisa Wolfe, MD</i>
9:00 a.m. – 9:45 a.m.	Recognition and Assessment of Complex Nocturnal Behaviors <i>Romy Hoque, MD</i>
9:45 a.m. – 10:00 a.m.	Break
10:00 a.m. – 10:45 a.m.	State of the Art in Pediatric Sleep: New Insights in OSA and Movement Disorders <i>Lourdes DelRosso, MD</i>
10:45 a.m. – 11:30 a.m.	Sleep Apnea Surgery: Why, When, Who and What? <i>David Kent, MD</i>
11:30 a.m. – 12:00 p.m.	Q & A
12:00 p.m. – 1:00 p.m.	Lunch (on your own)
1:00 p.m. – 1:15 p.m.	Recap
1:15 p.m. – 2:00 p.m.	Circadian Rhythm Sleep Disorders in the Time of a Global Pandemic <i>Melissa Knauert, MD, PhD</i>
2:00 p.m. – 2:45 p.m.	Late Life Insomnia: Five Strategies You Should Always Remember <i>Donald Bliwise, PhD</i>
2:45 p.m. – 3:00 p.m.	Break
3:00 p.m. – 3:45 p.m.	When Narcolepsy is not Narcolepsy <i>Douglas Kirsch, MD</i>
3:45 p.m. – 4:30 p.m.	Sleep and Neurodegeneration: What General Sleep Physicians Need to Know <i>Alon Avidan, MD</i>
4:30 p.m. – 5:00 p.m.	Q & A

C-05: PedSleep 2022: A Personalized Medicine Approach for Diagnosing, Managing, and Understanding Pediatric Sleep-Disordered Breathing

Room E219 | 8:00 a.m. – 5:00 p.m.

Chair: Madeleine Grigg-Damberger, MD

Time	Lecture Title
8:00 a.m. – 8:15 a.m.	Introduction
8:15 a.m. – 9:00 a.m.	Striving for Personalized Medicine as a Better Approach for Evaluation and Management of Pediatric Sleep-Disordered Breathing in 2022 <i>Madeleine Grigg-Damberger, MD</i>
9:00 a.m. – 9:45 a.m.	Diagnosis, Management, and Prognosis of Infant Sleep-Disordered Breathing Precision Medicine Approaches <i>Eliot Katz, MD</i>
9:45 a.m. – 10:00 a.m.	Break
10:00 a.m. – 10:45 a.m.	Complex Pediatric Sleep Apnea Benefits From Multidisciplinary Approach <i>Rakesh Bhattacharjee, MD, DABP, RPSGT, CBSM, DBSM</i>
10:45 a.m. – 11:30 a.m.	Pediatric Drug-Induced Sleep Endoscopy, Cine MRI and Hypoglossal Nerve Stimulation: Who, Why, When and How? <i>Mary Musso, MD</i>
11:30 a.m. – 12:00 p.m.	Q & A
12:00 p.m. – 1:00 p.m.	Lunch (on your own)
1:00 p.m. – 1:15 p.m.	Recap
1:15 p.m. – 2:00 p.m.	Need to Know: Managing Sleep Apnea and Cerebral Hypoxemia in Sickle Cell and Other Hemoglobinopathies <i>Sanjeev Kothare, MD</i>
2:00 p.m. – 2:45 p.m.	Pediatric APAP, VPAP, BPAP-ST, ASV: Who, When, Why and How? <i>Umakanth Katwa, MD</i>
2:45 p.m. – 3:00 p.m.	Break
3:00 p.m. – 3:45 p.m.	Cognitive, Behavioral, and Metabolic Outcomes of Treating (or Ignoring) Pediatric Sleep Apnea <i>Anne Marie Morse, DO</i>
3:45 p.m. – 4:30 p.m.	Alternative Treatments for Pediatric SDB: Maxillary Expansion, Bariatric Surgery, Oral Myofunctional and Pharmacological Therapies <i>Kathy Wolfe, MD</i>
4:30 p.m. – 5:00 p.m.	Q & A

C-06: Sleep Odysseys: Evolution of Sleep

Richardson Ballroom A | 8:00 a.m. – 12:00 p.m.

Medicine Practice in a Time of Disruption

Chair: Douglas Kirsch, MD

Time	Lecture Title
8:00 a.m. – 8:15 a.m.	Introduction
8:15 a.m. – 9:00 a.m.	Start-up Practice <i>Fariha Abbasi-Feinberg, MD</i>
9:00 a.m. – 9:45 a.m.	Rural Telemedicine Practice <i>Seema Khosla, MD</i>
9:45 a.m. – 10:00 a.m.	Break
10:00 a.m. – 10:45 a.m.	Large Non-Academic System <i>Douglas Kirsch, MD</i>
10:45 a.m. – 11:30 a.m.	Large Practice/Insurance Company Blend <i>Dennis Hwang, MD</i>
11:30 a.m. – 12:00 p.m.	Q & A

C-07: The Ones and Zeros of Digitizing Your Practice: Roadmap to Choosing Digital Health Solutions

Richardson Ballroom B | 1:00 p.m. – 5:00 p.m.

Chair: Anuja Bandyopadhyay, MBBS, MD

Time	Lecture Title
1:00 p.m. – 1:15 p.m.	Introduction
1:15 p.m. – 2:00 p.m.	Regulation of AI Enabled Solution: FDA and Beyond <i>Anuja Bandyopadhyay, MBBS, MD</i>
2:00 p.m. – 2:45 p.m.	Logistics and Challenges of Implementing AI Enable Solutions in Clinical Practice <i>Jaspal Singh, MD</i>
2:45 p.m. – 3:00 p.m.	Break
3:00 p.m. – 3:45 p.m.	Disease State Use Cases <i>Cathy Goldstein, MD</i>
3:45 p.m. – 4:30 p.m.	Photoplethysmography Based Devices in Sleep Medicine <i>Ambrose Chiang, MD</i>
4:30 p.m. – 5:00 p.m.	Q & A

C-08: Addressing Four Current Issues in Managing RLS

Richardson Ballroom A | 1:00 p.m. – 5:00 p.m.

Chair: Christopher Earley, PhD, MBBCh

Time	Lecture Title
1:00 p.m. – 1:15 p.m.	Introduction
1:15 p.m. – 2:00 p.m.	Understanding The Role of Brain Iron in RLS and Providing Guidelines for Iron Therapy in RLS <i>William Ondo, MD, PhD</i>
2:00 p.m. – 2:45 p.m.	Understanding the Biological Basis of Augmentation and Providing Guidelines for Management of this Condition <i>Christopher Earley, PhD, MBBCh</i>
2:45 p.m. – 3:00 p.m.	Break
3:00 p.m. – 3:45 p.m.	The Certainties and Uncertainties of Opioids as a Management Option for Severe RLS <i>John Winkelman, MD, PhD</i>
3:45 p.m. – 4:30 p.m.	Review and Update of the Diagnosis and Management of RLS in Children <i>Shalini Paruthi, MD</i>
4:30 p.m. – 5:00 p.m.	Q & A

Recruiting Patients in USA and Canada

Samelisant (SUVN-G3031)

Phase-2 Proof-of-Concept Study as Monotherapy

Treatment of Excessive Daytime Sleepiness (EDS) in Narcolepsy (Type 1 and Type 2)

Samelisant - A Selective Histamine H3 Receptor Inverse Agonist

The Most Promising and Well Differentiated Clinical Candidate for Narcolepsy

US FDA Regulated Study -14 Days Treatment

171 Patients, One Placebo and Two Active Arms (2 mg and 4 mg)

Primary Outcome Measure

Change in Maintenance of Wakefulness Test (MWT) score

Secondary Outcome Measures

Change in total Epworth Sleepiness Scale (ESS) score

Change in Clinical Global Impression of Severity (CGI-S) score related to EDS

Key Inclusion Criteria

Subjects aged between 18 to 65 years with a diagnosis of Narcolepsy according to ICSD-3

Key Updates

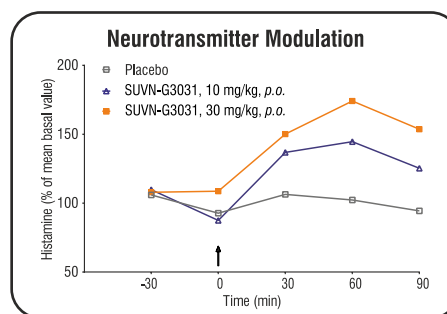
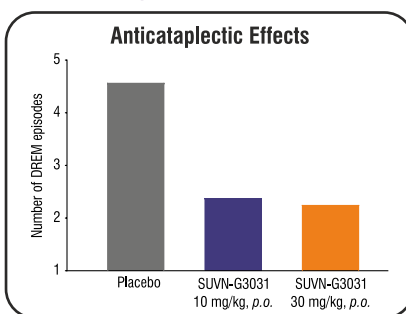
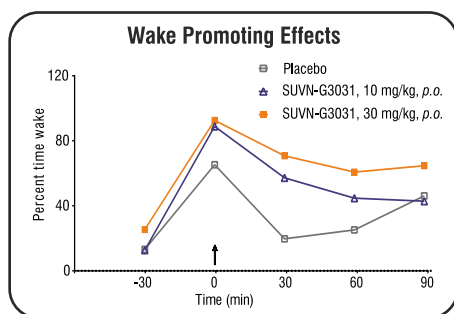
Approximately 70% enrolled

Three DMC meetings completed; No safety concerns

Sample size adjusted based on Interim Analysis

Data readout expected in Q1/Q2 2023

Robust Efficacy in Preclinical Studies



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Seating

Open seating general sessions are filled on a first-come, first served basis. The Associated Professional Sleep Societies, LLC (APSS) does its best to match room size with anticipated demand; however, interest in a topic occasionally exceeds seating capacity. Seating limits are strictly enforced by the Convention Center Fire Marshal. We encourage you to arrive at meeting rooms as early as possible for best seating.

Poster set up

12:00 p.m. – 1:00 p.m. | Hall C2

Posters should be set up during this time and should not be removed until 7:15 p.m.

O-01 New Insights into the Cell and Molecular Biology of Sleep Regulation

1:00 p.m. - 3:00 p.m. | Room W206

Co-Chairs: Bryce Mander, PhD and Lauren Whitehurst, PhD

1:00 p.m. - 1:15 p.m.	0024 ARC Genotype Modulates EEG Spectral Power Following Total Sleep Deprivation <i>Satterfield B, Finlay M, Skeiky L, Lawrence-Sidebottom D, Schmidt M, Wisor J, Van Dongen H</i>
1:15 p.m. - 1:30 p.m.	0131 Theta Oscillations During REM Sleep Synchronize Behavior and Neural Activity in the Developing Motor System <i>Dooley J, Blumberg M, Sokoloff G</i>
1:30 p.m. - 1:45 p.m.	0025 Circadian Dysregulation of Human DNA Repair Genes and Elevated DNA Damage in Simulated Night Shift Schedule <i>Van Dongen H, Koritala B, Porter K, Arshad O, Gajula R, Mitchell H, Arman T, Manjanatha M, Teeguarden J, McDermott J, Gaddameedhi S</i>
1:45 p.m. - 2:00 p.m.	0029 Developing a Pipeline for Translating Genome-Wide Association Signals to Behavioral Correlates of Sleep Dysfunction <i>Zimmerman A, Palermo J, Chesi A, Sonti S, Lasconi C, Brown E, Pippin J, Wells A, Doldur-Balli F, Mazzotti D, Pack A, Gehrman P, Keene A, Grant S</i>
2:00 p.m. - 2:15 p.m.	0032 Objective and Subjective Measures of Sleep Initiation are Differentially Associated with DNA Methylation in Adolescents <i>Larsen M, He F, Imamura Y, Berg A, Vgontzas A, Liao D, Bixler E, Fernandez-Mendoza J</i>

2:15 p.m. - 2:30 p.m.	0031 Sleep Regularity is Associated with DNA Methylation in Cognitive, Cardiovascular and Mood-Related Genes: A GWAS-informed Study in Adolescents <i>Larsen M, Morales-Ghinaglia N, He F, Imamura Y, Berg A, Vgontzas A, Liao D, Bixler E, Fernandez-Mendoza J</i>
2:30 p.m. - 2:45 p.m.	0034 Genetic Determinants of Cardiometabolic and Pulmonary Traits and Obstructive Sleep Apnea in the Hispanic Community Health Study/Study of Latinos <i>Zhang Y, Elgart E, Kurniansya N, Spitzer B, Wang H, Shah N, Daviglus M, Phyllis Z, Cai J, Gottlieb D, Cade B, Redline S, Sofer T</i>
2:45 p.m. - 3:00 p.m.	0030 Development and Validation of a Metabolomic Risk Score for Obstructive Sleep Apnea Across Race/Ethnicities <i>Zhang Y, Ngo D, Yu B, Shah N, Chen H, Ramos A, Zee P, Kaplan R, Rotter J, Clish C, Gerszten R, Kristal B, Gharib S, Redline S, Sofer T</i>

F-01 Sleep Matters for Women's Health

1:00 p.m. - 3:00 p.m. | Room W209ABC

Chair: Galit Dunietz, PhD

1:00 p.m. - 1:02 p.m.	Introduction <i>Galit Dunietz, PhD</i>
1:02 p.m. - 1:22 p.m.	Sleep and Cardiometabolic Health Among Adolescent Girls <i>Erica Jansen, PhD</i>
1:22 p.m. - 1:42 p.m.	The Role of Sleep During the Preconception Period <i>Sunni Mumford, PhD</i>
1:42 p.m. - 2:02 p.m.	Racial/Ethnic Differences in Sleep and Health Among Women <i>Dayna Johnson, PhD</i>
2:02 p.m. - 2:22 p.m.	Maternal Sleep and Perinatal Outcomes <i>Laura Sanapo, MD</i>
2:22 p.m. - 2:42 p.m.	Sleep and Cardiometabolic Risk Among a Diverse Population of Women Across Various Life Stages <i>Brooke Aggarwal, EdD</i>
2:42 p.m. - 3:00 p.m.	The Interplay Between Menopause, Insomnia, and Cognitive Health <i>Galit Dunietz, PhD</i>

S-01 Too Little Too Late: Consequences of Sleep Restriction During Development

1:00 p.m. - 3:00 p.m. | Room W207

Chair: Leila Tarokh, PhD

1:00 p.m. - 1:30 p.m.	Impact of Sleep on Brain Development in Mice <i>Chiara Cirelli, MD, PhD</i>
1:30 p.m. - 2:00 p.m.	Sleep, Sleep Homeostasis, and Brain Maturation in Adolescence <i>Leila Tarokh, PhD</i>
2:00 p.m. - 2:30 p.m.	Brain-Behavioral Correlates of Sleep Restriction in Early Adolescents <i>Jared Saletin, PhD</i>
2:30 p.m. - 3:00 p.m.	Adolescent Sleepiness: Interaction of Sleep and Circadian Timing <i>Mary Carskadon, PhD</i>

D-01 Understanding the Role of Structural Racism and Discrimination in Sleep Disparities

3:15 p.m. - 5:15 p.m. | Room W206

Chair: Chandra Jackson, PhD

Philip Cheng, PhD | Chandra Jackson, PhD | Dayna Johnson, PhD | Benjamin Reiss, PhD

O-02 Sleep and Circadian Factors in Physical and Cognitive Performance

3:15 p.m. - 5:15 p.m. | Room W209ABC

Co-Chairs: Tracy Jill Doty, PhD and Hans Van Dongen, PhD

3:15 p.m. - 3:30 p.m.	0012 Disordered Sleep and Emotional Self-Regulation in a Prospective Cohort of Preschool-Age Children <i>Emond J, Ballarino G, Carlson D, Lansigan R, Godzik C, Gilbert-Diamond D</i>
3:30 p.m. - 3:45 p.m.	0005 Bidirectional Associations of Sleep and Alcohol use Within and Between Regularly Drinking Young Adults <i>Reichenberger D, Chang AM, Russell M</i>
3:45 p.m. - 4:00 p.m.	0008 University-Wide Chronotyping Shows Late-Type Students Have Lower Grades, Shorter Sleep, and More Absenteeism <i>Yeo SC, Tan J, Lai C, Lim S, Chandramoghan Y, Gooley J</i>
4:00 p.m. - 4:15 p.m.	0218 N2 and Wakefulness Drive Subjective Sleep Satisfaction in Adults <i>Lok R, Chawra D, Hon F, Ha M, Kaplan K, Zeitzer J</i>
4:15 p.m. - 4:30 p.m.	0017 Murder on the Midnight Express: Nocturnal Wakefulness and Homicide Risk <i>Holt C, Tubbs A, Hendershot S, Fernandez FX, Karp J, Klerman E, Basner M, Chakravorty S, Perlis M, Grandner M</i>
4:30 p.m. - 4:45 p.m.	0014 Insufficient Sleep is Related to Poor Infantry Battle Drill Performance in Special Operations Soldiers <i>Mantua J, Chaudhury S, Eldringhoff H, Rouse C, Mickelson C, McKeon A, Jones R</i>
4:45 p.m. - 5:00 p.m.	0004 Sleep, Team and Social Processes, and Health, Performance, and Safety in Naval Operational Environments <i>Roma P, Jameson J, Kubala A, Markwald R, Russell D</i>
5:00 p.m. - 5:15 p.m.	0006 An At-Home Evaluation of a Light Intervention to Mitigate Sleep Inertia Symptoms <i>Hilditch C, Costedoat G, Pradhan S, Bathurst N, Glaros Z, Gregory K, Feick N, Shattuck N, Flynn-Evans E</i>

S-02 The Mind After Midnight: Nocturnal Wakefulness, Behavioral Dysregulation, and Psychopathology

3:15 p.m. - 5:15 p.m. | Room W207

Chair: Elizabeth Klerman, MD, PhD

3:15 p.m. - 3:25 p.m.	Introduction <i>Elizabeth Klerman, MD, PhD</i>
3:25 p.m. - 4:00 p.m.	Nocturnal Wakefulness and Suicide: The Black Box of the Mind After Midnight <i>Fabian-Xosé Fernandez, PhD</i>
3:15 p.m. - 5:15 p.m.	The Role of Hyperarousal in Sleep Disturbance and Cognitive Dysfunction - Risk Factors for Suicide <i>William Vaughn McCall, MD</i>
4:25 p.m. - 4:40 p.m.	Impact of Sleep Loss on Alcohol Craving in Alcohol Use Disorder <i>Subhajit Chakravorty, MD</i>
4:40 p.m. - 5:05 p.m.	The Impact of Sleep Loss on Specific Components of Decision Making <i>Sean Drummond, PhD</i>
5:05 p.m. - 5:15 p.m.	Group Discussion / Q & A

Technologists Track Hands-On Session

3:15 p.m. - 5:15 p.m. | Westin: Harris, Trade, Tryon

Co-Chairs: Michelle Cao, DO and Robert Stansbury, MD

Advanced PAP Modalities for Sleep-Related Respiratory Disorders - Case-Based Session

*Sreelatha Naik, MD | Caroline Okorie, MD | Ashima Sahni, MD
Lisa Wolfe, MD*

This sessions is only open to sleep team attendees that pre-registered.

Poster Presentations

5:15 p.m. - 7:15 p.m. | Hall C2

SLEEP 2022 will feature cash bar receptions in the Poster Hall on Sunday, Monday and Tuesday evenings. This is your opportunity to explore the poster hall, discuss new discoveries in the field and network with colleagues. See the SLEEP 2022 mobile app for a full listing of posters. Odd-numbered poster IDs will be presented from 5:15 p.m. - 6:15 p.m. Even-numbered poster IDs will be presented from 6:15 p.m. - 7:15 p.m.



SRS Club Hypnos

6:30 p.m. - 8:30 p.m. | Westin Grand Ballroom

Enjoy the SRS Club Hypnos and data blitz Sunday evening! Reconnect with your colleagues; congratulate SRS and SRSF Awardees;

and vote for the Club Hypnos Cup Data Blitz winner.

Delicious food will be provided. Don't miss it!

Attending a conference in 2022 and want to host your own Club Hypnos?

Email coordinator@srsnet.org for information!

PLENARY SESSION

8:15 a.m. - 10:00 a.m. | Crown Ballroom

WELCOME ADDRESS*Shalini Paruthi, MD, APSS Program Committee Chair***AASM AND SRS PRESENTATIONS**
Keynote Address**I-01 Retiring Our Procrustean Bed: Recognizing the Myriad Pathways that Sleep Apnea Increases Cardiovascular Risk***Susan Redline, MD***Poster set up**

7:00 a.m. - 8:00 a.m. | Hall C2

Posters should be set up during this time and should not be removed until 7:15 p.m.

Exhibit Hall Open

10:00 a.m. - 4:00 p.m. | Hall B & C1

Refreshment Break in Exhibit Hall

10:00 a.m. - 10:30 a.m.

D-02 Rise of the Patient Voice in Sleep Medicine: The Role of Patient Advocacy Groups in Enhancing Sleep Care

10:30 a.m. - 12:30 p.m. | Richardson Ballroom B

*Chairs: Raman Malhotra, MD**Sabrina DeAngelis | Karla Dzienkowski, RN | Julie Flygare, JD
Gilles Frydman | Monica Gow | Rebecca King | Monica Mallampalli***I-02 Re-Imagining The Diagnosis of Obstructive Sleep Apnea**

10:30 a.m. - 11:30 a.m. | Richardson Ballroom CD

*Sanjay Patel, MD***I-03 Sleep and Neurotrauma (TBI/PTSD): From Bench to Bedside and Back Again**

10:30 a.m. - 11:30 a.m. | Room W206

*Miranda Lim, MD, PhD***D-03 Sleep, the Internet, and Social Media**

10:30 a.m. - 12:30 p.m. | Room W208

*Chair: Rebecca Robbins, PhD**Christopher Depner, PhD | Michael Grandner, PhD
Seema Khosla, MD | Diane Macedo Nancy Stewart, DO***O-03 Obstructive Sleep Apnea**

11:30 a.m. - 12:30 p.m. | Richardson Ballroom CD

*Chair: Charles Atwood, MD*11:30 a.m. -
11:45 a.m.**0754****Effects of Atomoxetine plus a Hypnotic on Obstructive Sleep Apnea (OSA) Severity in Patients with a Moderately Collapsible Pharyngeal Airway***Corser B, Rucosky G, Eves E*11:45 a.m. -
12:00 p.m.**0744****A Comparison of Visual and Physiologic Assessments of Upper Airway Collapse during Drug-Induced Sleep Endoscopy (DISE)***Seay E, Dedhia R, Thuler E, Jafari N, Keenan B, Troske K, Schwartz A*12:00 p.m. -
12:15 p.m.**0785****Cardiovascular Outcomes For Obstructive Sleep Apnea With HGNS Therapy***Tangutur A, Seay E, Boon M, Huntley C, Thaler E, Dedhia R*12:15 p.m. -
12:30 p.m.**0771****Artificial Intelligence Based Mask Fit Algorithm Application in the Pittsburgh Veteran Population***Chan M, Soreca I, El Ali M, Chakravorty S, Gulla A, Shroyer B, Atwood C*

O-04 Sleep and Sleep Function in Adolescents

11:30 a.m. - 12:30 p.m. | Room W206

Co-Chairs: Katharine Simon, PhD and Nathaniel Watson, MD

11:30 a.m. - 11:45 a.m.	0105 Sleep Timing and Consistency are Associated with the Standardised Test Performance of Icelandic Adolescents <i>Stefansdottir R, Brychta R, Rognvaldsdottir V, Johannsson E, Kong C</i>
11:45 a.m. - 12:00 p.m.	0121 Sleep Facilitates Memory, but not Navigation Across the Pubertal Transition in the Novel Minecraft Memory and Navigation Task <i>Simon K, Fenger A, Warren L, Choukas N, Choi D, Zhang J, Clemenson G, Mednick S</i>
12:00 p.m. - 12:15 p.m.	0064 Youth Sleep-Wake Experience in Juvenile Justice Facilities: A Descriptive Analysis <i>Woodard K, Adorntetti J, Munoz Nogales J, Foster M, Leask L, McGee R, Carlucci M, Crowley S, Wolfson A</i>
12:15 p.m. - 12:30 p.m.	0242 Intraindividual Variability in Sleep Duration Blunts Response to Academic Stressors <i>Do A, Gao C, Scullin M</i>

S-04 Utilizing Models of Restless Legs Syndrome to Understand Brain Iron Dysregulation and it's Consequence

10:30 a.m. - 12:30 p.m. | Room W207

Chair: Christopher Earley, MBBCh, PhD

10:30 a.m. - 10:32 a.m.	Introduction <i>Christopher Earley, MBBCh, PhD</i>
10:32 a.m. - 11:00 a.m.	Validation of the Dietary Iron-Deficiency Rodent Model as a Model for RLS Pathology <i>Christopher Earley, MBBCh, PhD</i>
11:00 a.m. - 11:30 a.m.	BXD RI Mouse Model - Exploring Factors that Define Brain Iron Homeostasis and Their Relevance of RLS <i>Byron Jones, PhD</i>
11:30 a.m. - 12:00 p.m.	Dietary Iron-Deficiency Rodent Model – Exploring the Consequence on Non-Dopaminergic Systems <i>Sergi Ferré, MD, PhD</i>
12:00 p.m. - 12:30 p.m.	Blood-Brain-Barrier Model – What Can it Tell Us About Brain Iron Dysregulation in RLS <i>James Connor, PhD</i>

S-03 More Than Mindfulness: Addressing Sleep, Fatigue, and Burnout in Sleep Medicine Professionals

10:30 a.m. - 12:30 p.m. | Room E219

Chair: Indira Gurubhagavatula, MD

10:30 a.m. - 10:55 a.m.	The Burnout Crisis: Sleep and Sleep Disorders as Potential Mediators <i>Indira Gurubhagavatula, MD</i>
10:55 a.m. - 11:20 a.m.	Fatigue Risk Management in Healthcare <i>Charles Samuels, MD</i>
11:20 a.m. - 11:45 a.m.	Potential Evidence-Based Countermeasures to Address Fatigue and Burnout in Healthcare Workers <i>Erin Flynn-Evans, PhD</i>
11:45 a.m. - 12:10 p.m.	Achieving Consensus and Implementing Practical Solutions to Address Burnout <i>Hans Van Dongen, PhD</i>
12:10 p.m. - 12:30 p.m.	Group Discussion / Q & A

O-05 Insomnia: Pathophysiology, Epidemiology, and Comorbidity

10:30 a.m. - 12:30 p.m. | Richardson Ballroom A
Co-Chairs: Julio Fernandez-Mendoza, PhD and Sara Nowakowski, PhD

10:30 a.m. - 10:45 a.m.	0427 Having Insomnia vs. Identifying as an "Insomniac": What is the Role of Insomnia Severity? <i>Boyle J, Muench A, Thompson M, Seewald M, Vargas I, Perlis M</i>
10:45 a.m. - 11:00 a.m.	0421 The Pupillary Light Reflex Detects Hyperarousal and Discriminates Between Adults with Nil Versus Modest Insomnia Symptoms <i>McCall W</i>
11:00 a.m. - 11:15 a.m.	0432 Insomnia is Associated with Endothelial Dysfunction in Young Adulthood: the Penn State Child Cohort <i>Fernandez-Mendoza J, Gao Z, Calhoun S, Brandt K, He F, Liao J, Vgontzas A, Liao D, Bixler E</i>
11:15 a.m. - 11:30 a.m.	0686 Cognitive Behavioral Therapy for Insomnia to Reduce Cannabis Use: Results from a Pilot Randomized Controlled Trial <i>Arnedt JT, Conroy D, Stewart H, Bohnert K, Ilgen M</i>
11:30 a.m. - 11:45 a.m.	0325 A Comprehensive Evaluation of Sleep Disorders in Male and Female U.S. Military Personnel <i>Mysliwiec V, Brock M, Pruiksma K, Straud C, Taylor D, Hansen S, Foster S, Zwetig S, Gerwell K, Young-McCaughan S, Powell T, Blue Star J, Cassidy D, Mintz J, Peterson A</i>
11:45 a.m. - 12:00 p.m.	0728 Physical and Mental Health among Blacks with OSA and Insomnia: a Stakeholder-Engaged Community Study <i>Rogers A, Seixas A, Jin P, Casimir G, Nunes J, Jean-Louis G</i>
12:00 p.m. - 12:15 p.m.	0435 The Relationship Between Pathogen Avoidance and Insomnia Symptoms: Results from a Longitudinal Study Conducted During the COVID-19 Pandemic <i>Walker J, Makhanova A, Egeler M, Vargas I</i>
12:15 p.m. - 12:30 p.m.	0604 Depression, Anxiety and Coping-Avoidance Behaviors Associated with Long-Term Insomnia Symptoms During the COVID-19 Pandemic <i>Arentson-Lantz E, Kokonda M, Debian A, Shaib F, Nowakowski S</i>

O-06 Pediatrics: Sleepless Children

10:30 a.m. - 12:30 p.m. | Room W209ABC
Co-Chairs: Amy Lelis, MD and Robert Rudock, MD

10:30 a.m. - 10:45 a.m.	0488 Trajectories of Insomnia Symptoms Since Childhood Associated with Treatment of Internalizing Disorders in Adulthood <i>Singh R, Lenker K, Calhoun S, Ricci A, Liao J, He F, Vgontzas A, Liao D, Bixler E, Fernandez-Mendoza J</i>
10:45 a.m. - 11:00 a.m.	0485 Verbal Hostility Moderates Parental and Child Sleep Onset Latency in Children with Autism Spectrum Disorder <i>Stearns M, Sparrow E, Nair N, Mazurek M, Curtis A, Beversdorf D, Sohl K, Davis BE, Takahashi N, McCrae C</i>
11:00 a.m. - 11:15 a.m.	0503 The Relationships between the Impact of COVID-19 Pandemic, Parent Insomnia, Infant Temperament, and Infant Sleep: a Path Analysis <i>Jiao N, Pituch K, Petrov M</i>
11:15 a.m. - 11:30 a.m.	0484 Trouble Sleeping Predicts Future Decreased Quality of Life in Young Children with Fontan Circulation <i>Combs D, Partha M, Hsu CH, Edgin J, Seckeler M, Klewer S, Parthasarathy S, Cooper D</i>
11:30 a.m. - 11:45 a.m.	0599 Sleep Duration Across the Lifespan in Type 1 Diabetes and Association with Cardiometabolic Risk <i>Simon S, Snell-Bergeon J, Schauer I, Nadeau K</i>
11:45 a.m. - 12:00 p.m.	0532 Defining Sleep Architecture in Pediatric Patients with Prader Willi Syndrome <i>Patel N, Lew J, Nini G, Weiss M, Aziz J</i>
12:00 p.m. - 12:15 p.m.	0483 Clinical Model of Community-Based Sleep Education Intervention for Children with IDD <i>Fitzpatrick K, Loring W, Malow B</i>
12:15 p.m. - 12:30 p.m.	0506 Clinical Efficacy of Intravenous Ferric Carboxymaltose for Restless Legs Symptoms and Low Serum Ferritin in Children with Autism Spectrum Disorder <i>DelRosso L, Cho Y, Ferri R, Krell M, Reuter-Yuill L, Mogavero M, Picchietti D</i>

SUN
05MON
06TUES
07WED
08

SCIENTIFIC PROGRAM

T-01 PAP Titrations

10:30 a.m. - 11:30 a.m. | Room W209DEF
Chair: Michelle Cao, DO

10:30 a.m. - 11:00 a.m.	Basic Guidelines for CPAP and Bilevel Titrations Kirat Gill, MD
11:00 a.m. - 11:30 a.m.	AVAPS/iVAPS for Hypoventilation Syndrome: Titration and Device Set Up Ashima Sahni, MD

T-02 Current Issues In Sleep Center Management

11:30 a.m. - 12:30 p.m. | Room W209DEF
Co-Chairs: Thomas Arrington, RPSGT, RST and Christopher Hope, MD

11:30 a.m. - 12:00 p.m.	Recruitment and Retention during the Great Resignation Thomas Arrington, RPSGT, RST
12:00 p.m. - 12:30 p.m.	Adverse Events – Root Cause Analysis and FMEA in the Sleep Center Christopher Hope, MD

AASM General Membership Meeting

12:30 p.m. – 1:45 p.m. | E216

Join us to meet the board of directors, congratulate the 2022 Young Investigator Award recipients, members that were awarded Fellow status for 2022 and listen to AASM leaders provide an update on the state of the organization. You will learn about our recent accomplishments and the plans for the year ahead.

🍴 LUNCH DEBATE

12:45 p.m. - 1:45 p.m. | E217

Pre-Registration is required.

🍴 Consumer Technology: Does It Have A Place In Sleep Medicine?

Sean Drummond, MD (Pro) | Maryann Deak, MD (Con)

🍴 MEET THE PROFESSORS

12:45 p.m. – 1:45 p.m.

Pre-Registration is required.

🍴 M-01: Navigating the CPAP Recall with OAT: Improving Access to Care in the Ambulatory Pulmonary and Sleep Medicine Setting

E220BC / Michelle Cantwell, DMD

🍴 M-02: Sleep in Women: Recent Advances and Future Directions

E220A / Martica Hall, PhD

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M-03: The Use of MSLT in Narcolepsy

E220E / Chad Ruoff, MD

M-04: Telehealth in Sleep Medicine

E220D / Kathleen Sarmiento, MD

M-05: Management of Hypercapnic Respiratory Failure

E220F / Brendon Yee, MBChB, PhD

I-04 Childhood OSA: Challenges and Opportunities

1:45 p.m. - 2:45 p.m. | Room E219
Ronald Chervin, MD

I-05 The Neurobiology of Narcolepsy: What Sleepy Mice Can Teach Us About Sleepy People

1:45 p.m. - 2:45 p.m. | Richardson Ballroom CD
Thomas Scammell, MD

O-07 Novel Approaches and Facilitators in Cognitive-Behavioral Treatment for Insomnia

1:45 p.m. - 2:45 p.m. | Room W209ABC
Co-Chairs: Philip Cheng, PhD and Christina McCrae, PhD

1:45 p.m. - 2:00 p.m.	0464 Patient Perspectives on Facilitators and Barriers to Engagement with Digital CBT-I Melikyan D, Santarossa S, Sagong C, Sultan Z, Drake C, Cheng P
2:00 p.m. - 2:15 p.m.	0473 The Impact on Treatment Adherence of Adding a Bedpartner to CBT-I: Preliminary Findings from a Randomised Controlled Trial (Project REST) Drummond S, Jenkins M, Mellor A, Norton P, Baucom D, Bei B
2:15 p.m. - 2:30 p.m.	0457 Development and Utility of a Mobile Health Application Integrated with the Electronic Health Record for Treatment of Chronic Insomnia Disorder Morgenthaler T, Kolla B, Anderson S, Luedke T, McColley S, Phillips S, Smith J, Boudreau N, Harper S
2:30 p.m. - 2:45 p.m.	0443 Life Values Expressed by Female Veterans Engaged in an Acceptance and Commitment-Based Behavioral Therapy for Primary Insomnia Saldaña K, Revolorio K, Carlson G, Culver N, Kay M, McGowen SK, Song Y, Martin J

O-08 Sleep and COVID-19

1:45 p.m. - 2:45 p.m. | Richardson Ballroom B
Co-Chairs: Seema Khosla, MD and Jennifer So, MD

1:45 p.m. - 2:00 p.m.	0569 COVID-19 and Fatigue: Does Fatigue Persist Beyond Diagnosis? Muench A, Boyle J, Reddy V, Thompson M, Perlis M, Vergas I
2:00 p.m. - 2:15 p.m.	0578 Clinical Patterns of Obstructive Sleep Apnea Patients in COVID 19 Mechineni A, Gardner J, Gordon H, Prasad B
2:15 p.m. - 2:30 p.m.	0735 Sleep Disturbances in Post-Acute Sequelae of COVID-19 (PASC) Pena Orbea C, Lapin B, Katzan I, Englund K, Foldvary-Schaefer N, Mehra R
2:30 p.m. - 2:45 p.m.	0613 COVID-19 Is Associated with Shorter Sleep Duration among American Adults Narcisse MR, Bernard M, Briggs A, Locklear C, Rogers A, Sexias A, Jean-Louis G

O-09 Healthcare Delivery and Education

1:45 p.m. - 2:45 p.m. | Richardson Ballroom A
Co-Chairs: Rachel Darken, MD, PhD and Beth Ward, MD

1:45 p.m. - 2:00 p.m.	0356 Does Unconscious Socioeconomic Bias Influence Tele-evaluation of Obstructive Sleep Apnea? A Tele-Equity Exploratory Analysis Yurcheshen M, Marcus C, Marcus J, McDermott M, Consagra W, Nguyen K, Pigeon W, Marsella J
2:00 p.m. - 2:15 p.m.	0363 Perceptions of the Need for Perioperative OSA Education: An Interdisciplinary and Multi-Institutional Survey Lyons MM, Gali B, Auckley D, Mokhlesi B, Myers J, Charchafieh J, Yilmaz M, Williams L, Khan M, Card E, Gelfand B, Pilla M, Loftsgard T, Sawyer A, Matura LE, Carlucci M, Sahni A, Glaser K, Al Ghussain D, Brock G, Magaland U, Pack A, Rosen I
2:15 p.m. - 2:30 p.m.	0373 Developing an Online Sleep Education Training- Lessons Learned and Future Directions Groton D, Spadola C, Alford N
2:30 p.m. - 2:45 p.m.	0361 PennPALS: An Innovative, Bidirectional Text Messaging System Using PAP Usage Data to Increase Patient Adherence with PAP Therapy Jimenez D, Cadman S, Watach A, Khan N, Hahn L, Bae C

O-10 Sleep Disruptions and Potential Biomarkers Linked to Risk of Neurodegeneration

1:45 p.m. - 2:45 p.m. | Room W206

Co-Chairs: Bryce Mander, PhD and Adam Spira, PhD

1:45 p.m. - 2:00 p.m.	0282 Elevated levels of Extracellular Vesicle Cytokines are Associated with Poor Sleep Quality in Warfighters with Chronic Mild TBI <i>Guedes V, Gottshall J, Mithani S, Leete J, Lai C, Gill J, Kenney K, Werner JK</i>
2:00 p.m. - 2:15 p.m.	0264 Sleepiness in Cognitively Unimpaired Older Adults is Associated with CSF Biomarkers of Inflammation and Axonal Integrity <i>Carvalho D, St. Louis E, Przybelski S, Morgenthaler T, Boeve B, Petersen R, Jack C, Graff-Radford J, Vemuri P, Mielke M</i>
2:15 p.m. - 2:30 p.m.	0273 Sleep Disorders as a Potential Risk Factor for Dementia in Elderly Adults <i>Kuhler C, Wills C, Mason B, Tubbs A, Seixas A, Turner A, Jean-Louis G, Killgore W, Grandner M</i>
2:30 p.m. - 2:45 p.m.	0278 Isolated REM Sleep Behavior Disorder is Associated with 24-hour Rhythm Disruption <i>Winer J, Lok R, Cahuas A, Bueno F, Poston K, Mormino E, Zeitzer J, During E</i>

T-03 Pediatrics Update

1:45 p.m. - 2:45 p.m. | Room W209DEF

Chair: Caroline Okorie, MD

1:45 p.m. - 2:15 p.m.	Pediatric Sleep-Disordered Breathing <i>Olufunke Afolabi-Brown, MD</i>
2:15 p.m. - 2:45 p.m.	Movement Disorders in Children, Including Restless Movement Disorder: Diagnosis and Treatment <i>Lourdes DelRosso, MD</i>

Refreshment Break in Exhibit Hall

2:45 p.m. - 3:15 p.m.

D-04 Collaborating Across Communities to Achieve Better Sleep Health Care: A Call to Action

3:15 p.m. - 5:15 p.m. | Richardson Ballroom B

Chair: Matt Epstein

Susan Redline, MD | Laura DeFelice | Susan Ellenberg

Mellanie Hills | Reena Mehra, MD

Robert Owens, MD | Susheel Patil, MD, PhD

D-05 Device Recall, Regulatory Oversight, and Advocacy - Impacts on Practice and Research in Sleep Medicine

3:15 p.m. - 5:15 p.m. | Room W209ABC

Chair: Shannon Sullivan, MD

Jairo Barrantes Perez, MD | Raj Bhui, MD | Gautam Ganguly, MD

Muhammad Rishi, MBBS | Kathy Sexton-Radek, PhD

Abigail Strang, MD

S-05 Polysomnographic Findings in Children Taking Antidepressants

3:15 p.m. - 5:15 p.m. | Richardson Ballroom A

Chair: Lourdes DelRosso, MD

3:15 p.m. - 3:45 p.m.	Clinical Characteristics of Children Taking Antidepressant and Undergoing a Sleep Study <i>Lourdes DelRosso, MD</i>
3:45 p.m. - 4:15 p.m.	Effects of Antidepressants on PLMS in Children and Adolescents <i>Raffaele Ferri, MD</i>
4:15 p.m. - 4:45 p.m.	Atonia Index in Patients with Narcolepsy Type 1 in Comparison to Patients Taking Antidepressants <i>Carlos Schenck, MD</i>
4:45 p.m. - 5:15 p.m.	Polysomnographic Findings in Children Taking Trazodone vs. SSRIs <i>Maria Mogavero, MD</i>

D-06 The NIH Sleep Research Plan: Advancing the Science of Sleep and Circadian Research

3:15 p.m. - 5:15 p.m. | Room W207

Chair: Marishka Brown, PhD

Gabriel Haddad, MD | Judette Louis, MD | Thomas Scammell, MD

Wendy Troxel, PhD | Kenneth Wright, PhD

S-06 Phenotyping of Insomnia: A Realistic Prospect or Chimaera

3:15 p.m. - 5:15 p.m. | Richardson Ballroom CD

Chair: Alexandros Vgontzas, MD

3:15 p.m. - 3:30 p.m.	Hypersomnia and its Utility in Phenotyping Insomnia <i>Alexandros Vgontzas, MD</i>
3:30 p.m. - 3:50 p.m.	Utility and Limitations of Subjective and Objective Measures in the Evaluation of Insomnia <i>Julio Fernandez-Mendoza, PhD</i>
3:50 p.m. - 4:10 p.m.	Insomnia and its Impact on Health: Myth or Reality? <i>Charles Morin, PhD</i>
4:10 p.m. - 4:30 p.m.	Psychotherapy and Phenotyping: What Do We Know, What Do We Need to Learn? <i>Jack Edinger, PhD</i>
4:30 p.m. - 4:50 p.m.	Pharmacotherapy and Phenotyping: What Do We Know, What Do We Need to Learn? <i>Daniel Buysse, MD</i>
4:50 p.m. - 5:15 p.m.	Discussion / Q & A

S-07 Ecologically Valid Assessment of Sleep, Fatigue, and Circadian Misalignment in Special Populations

3:15 p.m. - 5:15 p.m. | Room W206

Chair: Vincent Capaldi, MD

3:15 p.m. - 3:45 p.m.	Assessing Circadian Phase Shifts in the Operational Environment: Lessons Learned during a 72H Live-Fire Simulation <i>Tina Burke, PhD</i>
3:45 p.m. - 4:15 p.m.	Monitoring and Mitigating Fatigue in the Army's Fleet of Commercial Truck Drivers <i>Allison Brager, PhD</i>
4:15 p.m. - 4:45 p.m.	Assessment of Sleep, Fatigue, and Circadian Misalignment in Pilots and Astronauts: Results from Studies using the NASA PVT+ Application <i>Erin Flynn-Evans, PhD</i>
4:45 p.m. - 5:15 p.m.	Naturalistic Monitoring of Sleep in Chronic Insomnia and Healthy Controls Using a Non-Contact Measurement Device <i>Devon Hansen, PhD</i>

O-11 Sleep Considerations in Hypertension, Arrhythmias, and More

3:15 p.m. - 5:15 p.m. | Room E219

Co-Chairs: Suzanne Bertisch, MD and Harneet Walia, MD

3:15 p.m. - 3:30 p.m.	0598 Nocturnal Hypoxia and Right Ventricular Functional Characteristics in Connective Tissue Disease Associated Group 1 Pulmonary Arterial Hypertension <i>Lowery M, Wang L, Jellis C, Kwon D, Hill N, Mehra R</i>
3:30 p.m. - 3:45 p.m.	0608 Characterization of Sleep in Emerging Adults with Cystic Fibrosis on CFTR Modulator Therapy <i>Meltzer L, Jump S, Gross J</i>
3:45 p.m. - 4:00 p.m.	0571 Associations Between Sleep Problems and Cardiovascular Disease and All-Cause Mortality in Asthma-COPD Overlap <i>Luyster F, Scott P, Chasens E, Imes C, Joen B, Shi X, Strollo P, Baniak L</i>
4:00 p.m. - 4:15 p.m.	0609 Sleep Stabilization in Prehypertensive/Hypertensive Patients <i>Stokes A, Yang H, Buraks O, Vazquez M, Pandeya S, Haack M, Mullington J</i>
4:15 p.m. - 4:30 p.m.	0560 Rest-Activity Rhythms are Associated with Prevalent Cardiovascular Disease, Hypertension, Obesity, and Central Adiposity in a Nationally Representative Sample of US Adults <i>Makarem N, German C, Zhang Z, Diaz K, Palta P, Duncan D, Castro-Diehl C, Shechter A</i>
4:30 p.m. - 4:45 p.m.	0614 Polysomnographic Measures of Sleep Architectural Disruption and Incident Atrial Fibrillation and Stroke in a Large Clinical Cohort <i>Heinzinger C, Thompson N, Milinovich A, Foldvary-Schaefer N, Van Wagoner D, Chung M, Mehra R</i>
4:45 p.m. - 5:00 p.m.	0575 Characterization of the Prevalence of Sleep Disturbances in Cardiovascular and Neurological Patients from the Rush Heart Center for Women <i>Johnson A, Goel N, Casale C, Volgman A, Aggarwal N</i>
5:00 p.m. - 5:15 p.m.	0568 Multidimensional Sleep Health and Mortality: The Multi-Ethnic Study of Atherosclerosis <i>Chung J, Goodman M, Lutsey P, Huang T, Bertisch S, Redline S</i>

O-12 New Insights into Sleep's Role in Cognitive Functions

3:15 p.m. - 5:15 p.m. | Room W208

Co-Chairs: Kimberly Honn, PhD and Sara Mednick, PhD

3:15 p.m. - 3:30 p.m.	0114 Evolution of Brain Circuits Supporting Spatial Navigational Memory Across Sleep <i>Parekh A, Kam K, Valencia D, Fleysher L, Fakhoury A, Castillo B, Rapoport D, Ayappa I, Varga A</i>
3:30 p.m. - 3:45 p.m.	0116 Slow Oscillations Promote Long Range Effective Communication: The Key for Memory Consolidation in a Broken Down Network <i>Niknazar H, Malerba P, Mednick S</i>
3:45 p.m. - 4:00 p.m.	0106 Unitization Improves Memory for Associations during Sleep Deprivation <i>Kurinec C, Whitney P, Hinson J, Satterfield B, Honn K, Van Dongen H</i>
4:00 p.m. - 4:15 p.m.	0120 Menstrual Cycle-Related Changes in Sleep-Dependent Emotional Memory Consolidation <i>Zhang J, Simon K, Shuster A, Sattari N, Alzueta E, Dulai T, de Zambotti M, Baker F, Mednick S</i>
4:15 p.m. - 4:30 p.m.	0112 Classification of Reconstructed Depth Profiles Shows Global and Non-Global Slow Oscillations Differentiate in the Hippocampus and Thalamus <i>Seok SC, Mednick S, Malerba P</i>
4:30 p.m. - 4:45 p.m.	0631 Actigraphy-Based and Self-Reported Sleep Quality and Cognitive Function in Midlife <i>Leng Y, Knutson K, Carnethon M, Yaffe K</i>
4:45 p.m. - 5:00 p.m.	0118 Performance on a Computerized Threat Elimination Task in an Animated Environment during Total Sleep Deprivation <i>Moslener E, Honn K</i>
5:00 p.m. - 5:15 p.m.	0125 Fluid Intelligence Does Not Mediate Cognitive Throughput Deficits during Total Sleep Deprivation <i>Honn K, Kurinec C, Hinson J, Whitney P, Van Dongen H</i>

T-04 Non-PAP Alternatives For Sleep Disordered Breathing-Essentials

3:15 p.m. - 5:15 p.m. | Room W209DEF

Chair: Robert Stansbury, MD

3:15 p.m. - 3:39 p.m.	Clinical and Physiologic Phenotyping: Moving Towards Personalized OSA Treatment <i>Robert Stansbury, MD</i>
3:39 p.m. - 4:03 p.m.	Hypoglossal Nerve Stimulation Therapy <i>Robson Capasso, MD</i>
4:03 p.m. - 4:27 p.m.	Phrenic Nerve Stimulation Therapy <i>Marat Fudim, MD</i>
4:27 p.m. - 4:51 p.m.	Oral Appliance Therapy <i>Vicki Cohn, DDS</i>
4:51 p.m. - 5:15 p.m.	Emerging Pharmacologic Therapy for OSA <i>Andrew Wellman, MD, PhD</i>

Poster Presentations

5:15 p.m. - 7:15 p.m. | Hall C2

SLEEP 2022 will feature cash bar receptions in the Poster Hall on Sunday, Monday and Tuesday evenings. This is your opportunity to explore the poster hall, discuss new discoveries in the field and network with colleagues. See the SLEEP 2022 mobile app for a full listing of posters. Odd-numbered poster IDs will be presented from 5:15 p.m. - 6:15 p.m. Even-numbered poster IDs will be presented from 6:15 p.m. - 7:15 p.m.

Poster set up

7:00 a.m. – 8:00 a.m. | Hall C2

Posters should be set up during this time and should not be removed until 7:15p.m.

Exhibit Hall Open

10:00 a.m. - 4:00 p.m. | Hall B & C1

W-01 What Can Dentists and Physicians Learn From Each Other When Treating OSA

8:00 a.m. - 10:00 a.m. | Room E219

Chair: Arthur Feigenbaum, DMD, Chair

Michael Adame, DDS | Michael Howell, MD | Jonathan Lown, MD
Peter Ottavio, DO**W-02 Case-Based Approach in the Evaluation And Management of Congenital Central Hypoventilation Syndrome**

8:00 a.m. - 10:00 a.m. | Room W209ABC

Chair: Ajay Kasi, MD

8:00 a.m. - 8:30 a.m.	Clinical Presentations and Establishing the Diagnosis of CCHS Ajay Kasi, MD
8:30 a.m. - 9:00 a.m.	General Ambulatory Management Strategies in CCHS Maida Chen, MD
9:00 a.m. - 9:30 a.m.	Noninvasive Positive Pressure Ventilation in CCHS Roberta Leu, MD
9:30 a.m. - 10:00 a.m.	Diaphragm Pacing by Phrenic Nerve Stimulation in CCHS Iris Perez, MD

D-07 Smart Sleep: A Guide to Choosing Artificial Intelligence (AI) Solutions for Clinical Practice

8:00 a.m. - 10:00 a.m. | Richardson Ballroom B

Chair: Anuja Bandyopadhyay, MBBS, MD

Charles Bae, MD | Hao Cheng, MD | Ambriose Chiang, MD
Maryann Deak, MD | Azizi Seixas, PhD | Jaspal Singh, MD**D-08 Optimizing Sleep for Elite Performers: Translating the Science into Real-World Outcomes**

8:00 a.m. - 10:00 a.m. | Room W208

Chair: Michael Grandner, PhD

Amy Athey, PsyD | Allison Brager, PhD | Rebecca Robbins, PhD
Lindsay Shaw, EdD**S-08 The Place of Digital Interventions in the Stepped Care Model for Insomnia Management: Who Should Take This Step?**

8:00 a.m. - 10:00 a.m. | Richardson Ballroom CD

Chair: Jack Edinger, PhD

8:00 a.m. - 8:30 a.m.	Stepped care management of insomnia co-occurring with sleep apnea Jack Edinger, PhD
8:30 a.m. - 9:00 a.m.	Predictors of response to digital CBTI among individuals with obstructive sleep apnea and among middle aged and older adults Niki Gumport, PhD
9:00 a.m. - 9:30 a.m.	Triaged Stepped Care: Testing the RESTING Study Triage Checklist Rachel Manber, PhD
9:30 a.m. - 10:00 a.m.	Stepped care management of insomnia in primary care using online and in-person CBT in sequence Charles Morin, PhD

S-09 The Preoptic Area in Sleep And Arousal

8:00 a.m. - 10:00 a.m. | Room W207

Chair: Clifford Saper, MD, PhD

8:00 a.m. - 8:05 a.m.	Introduction Clifford Saper, MD, PhD
8:05 a.m. - 8:28 a.m.	Preoptic Circuitry Regulating Sleep Homeostasis William Wisden
8:28 a.m. - 8:51 a.m.	Median Preoptic GABA vs. Glutamate Neurons Exert Differential Control over Sleep Behavior Natalia Machado, PhD
8:51 a.m. - 9:14 a.m.	Preoptic Glutamatergic Neurons Promote Wakefulness, Suppress REM Sleep, and Reduce Body Temperature Giancarlo Vanini, MD
9:14 a.m. - 9:37 a.m.	Galanin Neurons in the Ventrolateral Preoptic Area Regulate Sleep and Wakefulness Daniel Kroeger, PhD
9:37 a.m. - 10:00 a.m.	Orexin Promotes Arousal by Inhibiting the Sleep-Promoting Neurons of the Ventrolateral Preoptic Nucleus Roberto De Luca, PhD

SUN
05MON
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07WED
08

SCIENTIFIC PROGRAM

S-10 Sleep, Glymphatic Exchange, and Potential Clinical Implications

8:00 a.m. - 10:00 a.m. | Room W206
Chair: Kent Werner, MD, PhD

8:00 a.m. - 8:30 a.m.	Neurobiological Insights into Sleep and Circadian Regulation of Glymphatic Flow <i>Lauren Hablitz, PhD</i>
8:30 a.m. - 9:00 a.m.	Use of Near Infrared Light Spectroscopy to Assess Fluid Dynamics During Sleep in Healthy Humans <i>Kent Werner, MD, PhD</i>
9:00 a.m. - 9:30 a.m.	Structural MRI Markers of CSF Exchange During Sleep in Veterans with TBI <i>Miranda Lim, MD, PhD</i>
9:30 a.m. - 10:00 a.m.	Defining Sleep-Active Glymphatic Function in the Human Brain – Current Understanding and Future Directions <i>Jeff Iliff, PhD</i>

O-13 Sleep And Neurology

8:00 a.m. - 10:00 a.m. | Richardson Ballroom A
Co-Chairs: Donald Bliwise, PhD and Joshua Roland, MD

8:00 a.m. - 8:15 a.m.	0639 Polysomnographic Biomarkers of Sleep Disruption and Sleep Disordered Breathing in Migraine: a Large Matched Case Control Clinical Registry-Based Study <i>Gruenthal E, Foldvary-Schaefer N, Wang L, Milinovich A, Saab C, Bucklan J, Mehra R</i>
8:15 a.m. - 8:30 a.m.	0313 The Role of Objective Sleep on Subjective and Objective Cognition in Older Adults with Insomnia: A Pilot Study <i>Costa A, Musich M, Knous D, McCrae C, Cowan N, Curtis A</i>
8:30 a.m. - 8:45 a.m.	0601 Predicting Incident Outcomes from the Microstructure of Sleep <i>Sun H, Adra N, Ayub M, Ye E, Ganglberger W, Thomas R, Westover MB</i>
8:45 a.m. - 9:00 a.m.	0628 Epilepsy Control and Night Sleep Duration and Afternoon Siesta <i>Al-Abri M, Al-Asmi A</i>
9:00 a.m. - 9:15 a.m.	0634 Symptoms of Insomnia and Depression Among Individuals with Multiple Sclerosis Before and During the COVID-19 – Results from a Prospective Longitudinal Study <i>Sadeghi-Bahmani D, Mohammadian Y, Piri N, Sadeghi Bahmani L, Brand S, Goldstein-Piekarski A, Khazaie H, Gross J</i>

9:15 a.m. - 9:30 a.m.	0645 Associations of Objective Sleep Parameters and Gray Matter Microstructure in Community Dwelling Cognitive Normal Older Adults <i>Bubu O, Zanetta K, Mbah A, Korey K, Mullins A, Parekh A, Umasabor-Bubu O, Rapoport D, Ayappa I, Jean-Louis G, Varga A, Osorio R</i>
9:30 a.m. - 9:45 a.m.	0644 Longitudinal Sleep Instability Contributes to Cognitive Decline and Alzheimer's Pathology: Findings from the Seattle Longitudinal Study <i>Keil S, Schindler A, Wang M, Lim M, Piantino J, Elliott J, Werhane M, Thomas R, Iliff J</i>
9:45 a.m. - 10:00 a.m.	0320 Sex Differences in Sleep Quality and Biomarker Levels in Service Members and Veterans with Chronic Mild Traumatic Brain Injury <i>Guedes V, Mithani S, Gottshall J, Lai C, Devoto C, Gill J, Kenney K, Werner JK</i>

T-05 Sleep-Related Movement Disorders

8:00 a.m. - 9:00 a.m. | Room W209DEF
Chair: Emmanuel During, MD

8:00 a.m. - 8:30 a.m.	REM Behavioral Disorder and Other Parasomnias <i>Emmanuel During, MD</i>
8:30 a.m. - 9:00 a.m.	Periodic Limb Movements/Restless Legs <i>Oliver Sum-Ping, MD</i>

T-06 What Do We Know About Substances and Sleep?

9:00 a.m. - 10:00 a.m. | Room W209DEF
Chair: Sai Venkateshiah, MD

9:00 a.m. - 9:15 a.m.	Sleep and Caffeine <i>Kara Dupuy-McCauley, MD</i>
9:15 a.m. - 9:30 a.m.	Sleep and Alcohol <i>Sai Venkateshiah, MD</i>
9:30 a.m. - 9:45 a.m.	Sleep and Opioids <i>Shahrokh Javaheri, MD</i>
9:45 a.m. - 10:00 a.m.	Sleep and Marijuana <i>Ashima Sahni, MD</i>

W-03 How To Implement and Manage Upper Airway Stimulation Therapy in Your Clinical Practice: The Real World Experience

10:30 a.m. - 12:30 p.m. | Room E219

Chair: Meena Khan, MD

10:30 a.m. - 11:00 a.m.	Introduction to HNS Therapy <i>Joyce-Lee Iannotti, MD</i>
11:00 a.m. - 11:30 a.m.	Surgical Evaluation and Implantation Process <i>Glenn Rothman, DO</i>
11:30 a.m. - 12:00 p.m.	Activation and Titration of HNS Therapy <i>Lawrence Chan, DO</i>
12:00 p.m. - 12:30 p.m.	Management of Those Intolerant of HNS Therapy <i>Meena Khan, MD</i>

I-06 Sleeping Too Much: The Challenges of Idiopathic Hypersomnia

10:30 a.m. - 11:30 a.m. | Richardson Ballroom CD

Isabelle Arnulf, MD

S-11 Novel Directions in Youth Sleep and Circadian Interventions

10:30 a.m. - 12:30 p.m. | Richardson Ballroom B

Chair: Lauren Asarnow, PhD

10:30 a.m. - 11:00 a.m.	Can an Evening Chronotype be Modified in Adolescents? A Comparison of TranS-C and Psychoeducation <i>Allison Harvey, PhD</i>
11:00 a.m. - 11:30 a.m.	brightMobile: a Digital Health Solution for Improving Sleep and Mood Among Adolescents <i>Lauren Asarnow, PhD</i>
11:30 a.m. - 12:00 p.m.	A Teacher-Led School-Based Sleep Education Programme: Impact on Sleep Behavior, Sleep Beliefs, and Daytime Sleepiness in Adolescents <i>Reut Gruber, PhD</i>
12:00 p.m. - 12:30 p.m.	Passive Phototherapy to Treat Delayed Sleep in Teens <i>Jaime Zeitzer, PhD</i>

S-12 Alternatives to the Conventional Methods and Assumptions in Human Sleep Neuroscience

10:30 a.m. - 12:30 p.m. | Room W206

Chair: Dante Picchioni, PhD

10:30 a.m. - 11:00 a.m.	Nap Sigma Activity Topography Is Affected By Hippocampal And Cortical Activation During Learning <i>Kyle Kainec</i>
11:00 a.m. - 11:30 a.m.	Learning About REM Sleep From Real-Time Conversations With Dreamers <i>Karen Konkoly</i>
11:30 a.m. - 12:00 p.m.	Impact Of Cognitive-Behavioral Therapy For Insomnia On Relative Regional Metabolic Rate For Glucose During NREM Sleep In Individuals With Insomnia <i>Daniel Kay, PhD</i>
12:00 p.m. - 12:30 p.m.	An All-Night Functional Magnetic Resonance Imaging Sleep Study With Auditory Arousal Thresholds <i>Dante Picchioni, PhD</i>

O-14 How the COVID-19 Pandemic and Related Stressors Changed Sleep

10:30 a.m. - 11:30 a.m. | Room W207

Chair: Karen Jakubowski, PhD

10:30 a.m. - 10:45 a.m.	0043 Job Loss, Financial Hardship, and Sleep during the COVID-19 Pandemic: Differences by Sex/Gender and Race/Ethnicity <i>Gaston S, Alhasan D, Strassle P, Stewart A, Pérez-Stable E, Nápoles A, Jackson C</i>
10:45 a.m. - 11:00 a.m.	0052 A Mixed-Methods Examination of Perceived Challenges During the COVID-19 Pandemic: Associations with Sleep Health and Nightmares Among Healthcare Workers <i>Franzen, R, Kahlon R, Jones M, Agrawal R, Crew E</i>
11:00 a.m. - 11:15 a.m.	0243 Relationships Between Pre-Pandemic Trauma and Stress with Sleep During the COVID-19 Pandemic in Young Adults <i>Jakubowski K, Wallace M, Pedersen S, Hasler B</i>
11:15 a.m. - 11:30 a.m.	0049 Screen Time and Sleep in Young Adolescents Before and Across the First Year of the COVID-19 Pandemic <i>Kiss O, de Zambotti M, Schaefer E, Durley I, Kerr E, Dulai T, Arra N, Obilor T, Camacho L, Hsu C, Baker F</i>

O-15 New Developments in the Treatment of The Central Disorders of Hypersomnolence

11:30 a.m. - 12:30 p.m. | Richardson Ballroom CD
Chair: Lynn Marie Trotti, MD

11:30 a.m. - 11:45 a.m.	0152 A Functional Role for Global Slow Oscillations in Major Depressive Disorder with Hypersomnia <i>Malerba P, Dave A, Cook J, Mednick S, Plante D</i>
11:45 a.m. - 12:00 p.m.	0418 Use of Actigraphy for the Optimization of the Diagnosis and Treatment of Hypersomnia <i>Chen B, Wang L, Mehra R, Shah V</i>
12:00 p.m. - 12:15 p.m.	0398 Is Increased Serum Prolactin Associated with Excessive Daytime Sleepiness? A Proof-of-Concept Analysis <i>Mogavero M, Casentino F, Lanuzza B, Tripodi M, Lanza G, Aricò D, DelRosso L, Pizza F, Plazzi G, Ferri R</i>
12:15 p.m. - 12:30 p.m.	0384 Clinical Utilization of a CSF Orexin Test: First Two Years of Data from Mayo Clinic <i>Ruoff C, St. Louis E, Cheung J, Carvalho D, Larson B, Silber M, Kotagal S, Krahn L, Bornhorst J</i>

O-16 Abnormal Movements: RLS to RBD

11:30 a.m. - 12:30 p.m. | Room W207
Co-Chairs: Emmanuel During, MD and Michael Howell, MD

11:30 a.m. - 11:45 a.m.	0640 North American Prodromal Synucleinopathy Consortium: Baseline characteristics in 251 patients with REM Sleep Behavior Disorder <i>Elliott J, Lim M, Keil A, Avidan A, Bliwise D, Gagnon JF, Howell M, Huddleston D, McLeland J, Postuma R, St. Louis E, Videnovic A, Boeve B, Ju YE</i>
11:45 a.m. - 12:00 p.m.	0556 Prevalence and Incidence of Hypnagogic Hallucinations In A Longitudinal Study Of The American General Population <i>Ohayon M, Pakpour A, Cote ML</i>
12:00 p.m. - 12:15 p.m.	0647 DSM-V Diagnosed Post-traumatic Stress Disorder (PTSD) is Associated with Reported Dream Enactment Independently from Gender, Race or Education in a Psychiatric Outpatient Population <i>Bliwise D, Greer S, Black K, Wise A, Rauch S, Rothbaum B</i>
12:15 p.m. - 12:30 p.m.	0551 Movement Parasomnias in a Community Sample: Associations with Sleep Health and Mental Health <i>Thesz I, Hale L, Branas C, Killgore W, Wills C, Grandner M</i>

O-17 Sleep-Disordered Breathing Through Differing Demographics

10:30 a.m. - 12:30 p.m. | Room W209ABC
Co-Chairs: Dennis Hwang, MD and Michelle Zeidler, MD

10:30 a.m. - 10:45 a.m.	0713 Longitudinal Sleep Position Patterns and Breathing Parameters in Pregnancy <i>Katz J, Sanapo L, Dunsiger S, Guillen M, Avalos A, Aldana A, Wilson D, Bourjelly G</i>
10:45 a.m. - 11:00 a.m.	0322 Sleep Disordered Breathing and MRI Markers of Brain Aging in the Hispanic Community Health Study/Study of Latinos <i>Ramos A, Gonzalez K, Tarraf W, Redline S, Patel S, Stickel A, Agudelo C, Kaur S, Testai F, Lipton R, Isasi C, Sotres-Alvarez D, Gallo L, DeCarli C, Gonzalez H</i>
11:00 a.m. - 11:15 a.m.	0710 Validation of the Predictive Utility of the Multivariable Apnea Prediction Index for Obstructive Sleep Apnea in Women. <i>Orbell S, Chasens E, Scott P, Luyster F, Morris J</i>
11:15 a.m. - 11:30 a.m.	0725 Five-year Transitions of Symptom Subtypes in Untreated Obstructive Sleep Apnea <i>Morris J, Scott P, Mazzotti D</i>
11:30 a.m. - 11:45 a.m.	0791 Perceived Racial Discrimination Predicts Poor PAP Adherence: A Pilot Study <i>Williams N, Grant A, Bubuo O, Chung A, Wallace D</i>
11:45 a.m. - 12:00 p.m.	0617 Association Between Green, Blue, and Open Spaces and Sleep Health in a Black Population: An Analysis of the MetSO Dataset <i>Moore J, Jin P, Briggs A, Grisby D, Seixas A, Jean-Louis G</i>
12:00 p.m. - 12:15 p.m.	0700 Prospective and Cross-Sectional Associations Between Sleep Apnea and Disease in a Phenome-Wide Analysis of a Clinical Biobank <i>Cade B, Hassan S, Dashti H, Kiernan M, Pavlova M, Redline S, Karlson E</i>
12:15 p.m. - 12:30 p.m.	0706 Older Age Is a Strong Risk Factor for Supine-Position Dependent Obstructive Sleep Apnea <i>Lee CH, Ann L, Immen R, Dyken M, Im KB</i>

T-07 Complex Sleep-Related Respiratory Disorders

10:30 a.m. - 12:30 p.m. | Room W209DEF

Chair: Sai Venkateshiah, MD

10:30 a.m. - 11:00 a.m.	Overlap Syndrome (COPD and OSA) <i>Dave Balachandran, MD</i>
11:00 a.m. - 11:30 a.m.	Obesity Hypoventilation Syndrome <i>Sai Venkateshiah, MD</i>
11:30 a.m. - 12:00 p.m.	Neuromuscular Disease <i>Michelle Cao, DO</i>
12:00 p.m. - 12:30 p.m.	Obstructive Sleep Apnea in Older Adults <i>Lauren Tobias, MD</i>

Exhibit Hall Open

10:00 a.m. - 4:00 p.m. | Hall B & C1

Refreshment Break in Exhibit Hall

10:00 a.m. - 10:30 a.m. | Hall B & C1

SRS Annual Membership Meeting

12:45 p.m. - 1:45 p.m. | E216

All members are encouraged to attend this business meeting to learn about the past year's accomplishments, meet SRS leadership and discuss the goals for the upcoming year.

LUNCH DEBATE

12:45 p.m. - 1:45 p.m. | Room E217

Pre-Registration is required.

M-L-02: Idiopathic Hypersomnia is a Distinct Clinical Condition

Yves Dauvilliers, MD, PhD (Pro) | David Plante, MD, PhD (Con)

MEET THE PROFESSORS

12:45 p.m. - 1:45 p.m.

Pre-Registration is required.

M-06: Circadian Medicine: A Practical Approach to the Diagnosis and Management of Circadian Rhythm Sleep-Wake Disorders

E220E / Sabra Abbott, MD, PhD

M-07: Sleep is Heading Home

E220D / Cathy Goldstein, MD

M-08: Chronic Sleep Disruption: Delayed Repercussions

E220BC / Sigrid Veasey, MD

M-09: Management of Complicated Restless Legs Syndrome

E220F / John Winkelman, MD, PhD

M-10: Calming the Furies: Management of RBD

E220A / Michael Howell, MD

R-01 Trainee Case Reports

12:45 p.m. - 1:45 p.m. | Richardson Ballroom B

12:45 p.m. - 1:00 p.m.	0797 Reclaiming Her Life: Successful Treatment of Kleine-Levin Syndrome with Transdermal Flumazenil <i>Sajid M, Rupani N</i>
1:00 p.m. - 1:15 p.m.	0798 Detriggered - a case of tenosynovitis ameliorated by CPAP <i>Yuan N, Padilla A</i>
1:15 p.m. - 1:30 p.m.	0799 Precipitation of Dream Enactment Behavior in the setting of β-Blocker therapy <i>Patel J, Moshtagh-Sisan M, Sarrami K, Avidan A</i>
1:30 p.m. - 1:45 p.m.	800 Dozing off is a problem, as is a toe falling off - Methylphenidate induced Raynaud's phenomenon <i>Gaddam M, Zacharias R, He W, Oster J, Ostrow P, Schumaker G, Grover A</i>

LBA: Late-Breaking Abstracts

1:45 p.m. - 2:45 p.m. | Richardson Ballroom B

1:45 p.m. - 2:00 p.m.	LBA001 Reduced Slow Wave Activity in Unmedicated Adolescents with Major Depressive Disorder <i>Fontanellaz-Castiglione C, Markovic A, Kaess M, Tarokh L</i>
2:00 p.m. - 2:15 p.m.	LBA002 Partial Sleep Deprivation Associated with Increased Perivascular Space Volume Fraction <i>Custer R, Lynch K, Shi NC, Nilsson G, Choupan J</i>
2:15 p.m. - 2:30 p.m.	LBA003 Different Simultaneous Sleep States in the Hippocampus and Neocortex of Human Subjects <i>Guthrie R, Ciliberti D, Mankin E, Poe G</i>
2:30 p.m. - 2:45 p.m.	LBA004 Incidence and Progression of Coronary Calcium Scores in Patients with Symptomatic Obstructive Sleep Apnea: the ELSA-Brasil study <i>Peixoto de Miranda EJF, Mazzotti D, Santos R, Souza S, Parise B, Giatti S, Aiello A, Cunha L, Silva W, Bortolotto L, Lorenzi-Filho G, Lotufo P, Bensenor I, Bittencourt M, Drager L</i>

I-07 Enriching Sleep Literacy Among College Students Through a General Education Course

1:45 p.m. - 2:45 p.m. | Richardson Ballroom CD
Charles Czeisler, MD, PhD

I-08 Development Needs Sleep and Sleep Needs Development

1:45 p.m. - 2:45 p.m. | Room E219
Mark Blumberg, PhD

O-18 New Insights into Sleep and Aging

1:45 p.m. - 2:45 p.m. | Room W209ABC
Co-Chairs: Barry Fields, MD and Afifa Shamim-Uzzaman, MD

1:45 p.m. - 2:00 p.m.	0316 Actigraphy-Derived Sleep Health Profiles and Mortality in Older Men and Women Wallace M, Lee S, Stone K, Hall M, Smagula S, Redline S, Ensrud K, Ancoli-Israel S, Buysse D
2:00 p.m. - 2:15 p.m.	0324 Sleep Duration and Brain MRI Biomarkers: Results from SOL-INCA MRI Study Gonzalez K, Tarraf W, Stickel A, Kaur S, Agudelo C, Cai J, Gallo L, Testai F, Redline S, DeCarli C, Gonzalez H
2:15 p.m. - 2:30 p.m.	0321 Poor Agreement Among Self-Reported and Objective Sleep Deficiency Assessments in Older Persons Miner B, Yaggi H, Gill T, Doyle M, Stone K, Redline S, Ensrud K, Blackwell T, Knauer M
2:30 p.m. - 2:45 p.m.	0332 Objective and Subjective Sleep Quality in Mexican Americans and non-Hispanic Whites: the HABLE-Dormir Study Leng Y, Johnson L, Stone K, Redline S, O'Bryant S, Yaffe K

O-19 Sleep and Mental Health

1:45 p.m. - 2:45 p.m. | Richardson Ballroom A
Co-Chairs: Jennifer Molano, MD and Joshua Roland, MD

1:45 p.m. - 2:00 p.m.	0692 Physical Activity and Sleep Patterns Before and During the COVID-19 Pandemic – Results From a Cross-Sectional and Retrospective Study Sadeghi-Bahmani D, O'Hara K, Osorno R, Lopez M, Morehouse A, Krause A, Goldstein-Piekarski A
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2:00 p.m. - 2:15 p.m.

0651
Daily Associations Between Insomnia and Depression: Emotion Regulation as a Mediator
Tsui HTC, Chan WS

2:15 p.m. - 2:30 p.m.

0653
Poor sleep quality is associated with burnout in emergency medicine healthcare workers
Norful A, Belloir J, Firew T, Miranda M, Shaw K, Schwartz J, Macron K, Schultebrasucks K, Sullivan A, Chang B, Shechter A

2:30 p.m. - 2:45 p.m.

0656
Demographic and Clinical Features of Nocturnal Suicide
Arevalo S, Tubbs A, Fernandez FX, Karp J, Klerman E, Chakravorty S, Perlis M, Grandner M

O-20 Sleep and Circadian Biomarkers: What Can We Learn from Them?

1:45 p.m. - 2:45 p.m. | Room W206
Chair: William Todd, PhD

1:45 p.m. - 2:00 p.m.	0198 Remote Saliva Sample Collection for Dim Light Melatonin Onset (DLMO) Measurement in Urban Children with Asthma During the COVID-19 Pandemic Carskadon M, Gredvig-Ardito C, Kopel S, Koiniss Mitchell, D
2:00 p.m. - 2:15 p.m.	0194 Sources of Variation in the Spectral Slope of the Sleep EEG Kozhemiako N, Mylonas D, Pan J, Prerau M, Redline S, Purcell S
2:15 p.m. - 2:30 p.m.	0196 Retinal Responsivity is Associated with Circadian Phase and Circadian Alignment but not Sleep Timing Wescott D, Kleven A, Hasler B, Franzenn P, Roecklein K
2:30 p.m. - 2:45 p.m.	0195 Integrated Actigraphy-Based Biomarker for the Risk of Alzheimer's Dementia Yang HW, Li P, Sun H, Maher M, Lane J, Lim A, Bennett D, Yu L, Saxena R, Buchman A, Hu K

T-08 Artificial Intelligence and Sleep

1:45 p.m. - 2:45 p.m. | Room W209DEF
Chair: Maryann Deak, MD

1:45 p.m. - 2:00 p.m.	Wearable Technology and its Incorporation into Clinical Practice Maryann Deak, MD
2:00 p.m. - 2:15 p.m.	Challenges of AI Driven PSG Scoring Octavian Ioachimescu, MD, PhD

2:15 p.m. -
2:30 p.m.**Population Health Applications and AI**
*Azizi Seixas, PhD*2:30 p.m. -
2:45 p.m.**Practical Considerations of PAP Algorithms**
*Steven Hoffinger, MD***W-04 Noninvasive Ventilation (NIV) For Sleep-Related Hypoventilation Syndromes: Navigating The Devices and Reimbursement Guidelines**3:15 p.m. - 5:15 p.m. | Richardson Ballroom CD
*Chair: Sreelatha Naik, MD*3:15 p.m. -
3:55 p.m.**Executing the Guidelines for OHS**
*Sreelatha Naik, MD*3:55 p.m. -
4:35 p.m.**Executing the Guidelines for COPD**
*Michelle Cao, DO*4:35 p.m. -
5:15 p.m.**Choosing NIV and HMV for NMD/Restrictive Chest Wall Disorders**
*Lisa Wolfe, MD***W-05 Innovations in Behavioral Sleep Medicine: Interventions for Narcolepsy, Sleep Apnea, and REM Sleep Behavior Disorder**3:15 p.m. - 5:15 p.m. | Room W209ABC
*Chair: Jennifer Mundt, PhD*3:15 p.m. -
3:45 p.m.**Development of a Mindfulness-Based Intervention for Narcolepsy: A Feasibility Study**
*Jennifer Mundt, PhD*3:45 p.m. -
4:15 p.m.**Psychological Optimization of Outcomes in Upper Airway Stimulation Therapy for Obstructive Sleep Apnea**
*Yelena Chernyak, PhD*4:15 p.m. -
4:45 p.m.**Development of a Novel Couples-Based Sleep Health Intervention for Patients with OSA and Their Partners**
*Kelly Baron, PhD*4:45 p.m. -
5:15 p.m.**The Impact of Imagery Rehearsal Therapy (IRT) on Dream Enactment in a Patient with REM-Sleep Behavior Disorder: A Case Study**
*Christina Pierpaoli Parker, PhD***D-09 Narcolepsy and Pregnancy: Elevating Patient and Clinician Voices to Explore Best Practices and Shared Decision-Making**3:15 p.m. - 5:15 p.m. | Richardson Ballroom B
Chair: Anne Morse, DO
Diana Anderson, PA-C | Ryan Anderson
*Awanthif Dhanya Mackeen, MD | Ashley Nutter | Michelle Zagardo***S-13 Preventing Depression with CBT For Insomnia: Evidence in Adults, Older Adults, and Perinatal Women**3:15 p.m. - 5:15 p.m. | Room E219
*Chair: Andrew Krystal, MD*3:15 p.m. -
3:45 p.m.**Depression Prevention via Digital CBT for Insomnia**
*Philip Cheng, PhD*3:45 p.m. -
4:15 p.m.**Digital Cognitive Behavioral Therapy for Insomnia for the Prevention of Perinatal Depression**
*Jennifer Felder, PhD*4:15 p.m. -
4:45 p.m.**Prevention of Incident and Recurrent Major Depression in Older Adults with Insomnia: A Randomized Controlled Trial**
*Michael Irwin, MD*4:45 p.m. -
5:15 p.m.**The Implications of CBT-I's Depression Prevention Effect for Understanding the Pathophysiology of Depression and Antidepressant Treatment Mechanisms**
*Andrew Krystal, MD***S-14 The Addressing the Myths, Misconceptions, and Misused Science of Time Change Policy**3:15 p.m. - 5:15 p.m. | Room W207
*Chair: Karin Johnson, MD*3:15 p.m. -
3:45 p.m.**Breaking Down the Myths and Misconceptions of Clock Change Policies**
*Karin Johnson, MD*3:45 p.m. -
4:15 p.m.**Impacts of Clock Change Policies on Children**
*Shannon Sullivan, MD*4:15 p.m. -
4:45 p.m.**Impact of daylight savings time on adolescents' objectively measured sleep: Findings from the ABCD dataset**
*Christina Chick, MD*4:45 p.m. -
5:15 p.m.**Clock Change Politics: Past, Present and Future**
Jay Pea

O-21 Sleep Health Disparities Across the Lifespan: Determinants, Consequences, and Intervention

3:15 p.m. - 5:15 p.m. | Room W206

Co-Chairs: Girardin Jean-Louis, PhD and Dayna Johnson, PhD

3:15 p.m. - 3:30 p.m.	0060 Sleep Disparities by Race/Ethnicity During pregnancy: An Environmental Influences on Child Health Outcomes (ECHO) Study <i>Lucchini M, O'Brien L, Kahn L, Brennan P, Baron K, Knapp E, Lugo C, Shuffrey L, Dunietz G, Zhu Y, Alcantara C, Fifer W, Elliott A</i>
3:30 p.m. - 3:45 p.m.	0069 Trajectories of Sleep Characteristics in Black and White Women During the First Year Postpartum <i>Kishman E, Sparks J, Youngstedt S, Wang X</i>
3:45 p.m. - 4:00 p.m.	0077 Exploring Psychological and Behavioral Factors with Sleep Health in Latinx Children <i>Nguyen-Rodriguez S, Lee S, Jiao J, Master L, Buxton O</i>
4:00 p.m. - 4:15 p.m.	0055 Bidirectional Associations Between Sleep and Daily Behaviors in Urban American Indian/ Alaska Native (AI/AN) Youth <i>Dong L, D'Amico E, Dickerson D, Brown R, Palimaru A, Johnson C, Troxel W</i>
4:15 p.m. - 4:30 p.m.	0067 Sleep Disparities and the Academic Achievement Gap in 1.9 Million College Students <i>Nickel A, Scullin M</i>
4:30 p.m. - 4:45 p.m.	0063 Biopsychosocial Predictors of Sleep Health in Black, Asian, and Hispanic/Latinx Samples <i>Nielson S, Dautovich N, Dzierzewski J</i>
4:45 p.m. - 5:00 p.m.	0062 Race/Ethnicity, Sleep Duration, and All-cause Mortality Risk in the United States <i>Denney J, Zamora-Kapoor A, Hansen D, Whitney P</i>
5:00 p.m. - 5:15 p.m.	0079 Feasibility, Appropriateness, and Acceptability of a Mobile Wellness Meditation Intervention to Improve Sleep Quality Among a Racially/Ethnically Diverse Population <i>Johnson L, Aiello J, Jagtiani A, Gujral U, Barber L, Johnson D</i>

T-09 Sleep ISR Panel

3:15 p.m. - 4:15 p.m. | Room W209DEF

Co-Chairs: Anuja Bandyopadhyay, MBBS, MD Brian Robertson, MD

Anuja Bandyopadhyay, MBBS, MD | Mark McCarthy, MD

Brian Robertson, MD | Scott Williams, MD

Claude Albertario, RST, RPSGT | Matthew Balog, MPH, CCSH, RPSGT

Faye Burnette, RPSGT | Ameet Daftary, MD | Michael Zachek, MD

Poster Presentations

SLEEP 2022 will feature cash bar receptions in the Poster Hall on Sunday, Monday and Tuesday evenings. This is your opportunity to explore the poster hall, discuss new discoveries in the field and network with colleagues. See the SLEEP 2022 mobile app for a full listing of posters. Odd-numbered poster IDs will be presented from 5:15 p.m. - 6:15 p.m. Even-numbered poster IDs will be presented from 6:15 p.m. - 7:15 p.m.

Advanced Practice Providers Breakfast and Sleep Team Assembly Meeting

7:00 a.m. – 8:00 a.m. | E217

Sponsored by Harmony Biosciences

Nurses, advanced practice registered nurses and physician assistants are invited to gather together and discuss their involvement in managing patients with sleep disorders over a light breakfast.

D-10 Clinical Trials of OSA Treatment in Cardiovascular Disease – What Does the Future Hold?

8:00 a.m. - 10:00 a.m. | Room W209ABC

Chair: Sonja Schueta, MD

Shahrokh Javaheri, MD | Karin Johnson, MD

Allan Pack, MBChB, PhD | Sanjay Patel, MD | Susan Redline, MD

Amy Sawyer, PhD, RN

S-15 Evaluation and Management of Sleep and Circadian Rhythm Disturbances to Improve Symptoms of Alzheimer's Disease and Other Dementias

8:00 a.m. - 10:00 a.m. | Room E219

Chair: Brendan Lucey, MD

8:00 a.m. - 8:30 a.m.	Sleep and Circadian Rhythms: An Update on links to Alzheimer's Disease and Related Dementias <i>Adam Spira, PhD</i>
8:30 a.m. - 9:00 a.m.	Impact of Obstructive Sleep Apnea on Alzheimer's Disease Risk: Examining Physiologic, Race, and Sex Specific Mechanisms <i>Omonigho Bubu, MD, PhD</i>
9:00 a.m. - 9:30 a.m.	Impact and Management of Sleep Problems in Alzheimer's Disease Patients and Caregivers <i>Ruth Benca, MD, PhD</i>
9:30 a.m. - 10:00 a.m.	Conducting a Dyadic Intervention for Persons Living with Cognitive Impairment and Their Care Partners: Preliminary Findings and Lessons Learned <i>Glenna Brewster, PhD, RN, FNP-BC</i>

O-22 Pediatrics: What a Snore!

8:00 a.m. - 10:00 a.m. | Richardson Ballroom A

Chair: Charles Davies, MD, PhD and John Harrington, MD

8:00 a.m. - 8:15 a.m.	0514 Risk Factors for Symptoms and Signs of Sleep Apnea Impacting Quality of Life in an Urban Pediatric Community-Based Sample <i>Gueye-Ndiaye S, Hauptman M, Yu X, Rueschman M, Castro-Diehl O, Owens J, Gold D, Adamkiewicz G, Phipatanakul W, Redline S</i>
8:15 a.m. - 8:30 a.m.	0535 Prevalence of Various Forms of Sleep Disordered Breathing in Infants with Down Syndrome <i>Cho Y, Kwon Y, Ruth C, Cheng S, DelRosso L</i>
8:30 a.m. - 8:45 a.m.	0531 Characterization of Sleep-Disordered Breathing among Newborn Infants with Myelomeningocele <i>Hassan F, Mason T, McCaffrey H, Chervin R, Shellhaas R</i>
8:45 a.m. - 9:00 a.m.	0526 Utility of Polysomnography in Tracheostomy Decannulation Process in Children <i>Gurbani N, Knollman P, Heubi C, Huang G, Hossain MD, Simakajornboon N</i>
9:00 a.m. - 9:15 a.m.	0524 Polysomnographic Characteristics of Adolescent Patients with Severe Obesity and Severe OSA (AHI ≥30) <i>Strang A, Crain B, Nguyen L, Chidekel A</i>
9:15 a.m. - 9:30 a.m.	0527 Reasons for Early Polysomnography Termination in Pediatric Patients with Sleep-Disordered Breathing <i>Luong S, Culp M, Caraballo M, Wani A</i>
9:30 a.m. - 9:45 a.m.	0541 Auto PAP Adherence Determinants of Children During the Pandemic: A Single Center Experience <i>Rao H, Harrison J, Slaven J, Bandyopadhyay A, Jalou H</i>
9:45 a.m. - 10:00 a.m.	0520 Effect of Sleep Disordered Breathing on Control and Severity of Asthma on Pediatric Population <i>Singla A, Bagla J, Gothi D, Kumari S, Sasidharan J, Mishra R, Dubey A, Patro M, Vaidya S</i>

O-23 First-Line Treatments in Insomnia: Understanding Hypnotic Use to Disseminate Cognitive-Behavioral Treatment

8:00 a.m. - 10:00 a.m. | Richardson Ballroom B
Co-Chairs: Andrew Krystal, MD and Norah Simpson, PhD

8:00 a.m. - 8:15 a.m.	0474 Three-Arm Randomised Controlled Trial of Cognitive Behavioural Therapy for Insomnia, a Responsive Bassinet, and Sleep Hygiene for Preventing Postpartum Insomnia: Preliminary Findings on Maternal Insomnia and Sleep Outcomes (Study for Mother-Infant Sleep) <i>Quin N, Tikotzky L, Astbury L, Stafford L, Fisher J, Wiley J, Bei B</i>
8:15 a.m. - 8:30 a.m.	0469 The Apnea and Insomnia Research (AIR) Trial: An Interim Report <i>Edinger J, Manber R, Simmons B, Johnson R, Horberg R, Depew A, Abraibesh A, Simpson N, Eldridge-Smith ED, Strand M, Espie C, Kushida C, Tsai S</i>
8:30 a.m. - 8:45 a.m.	0456 Comparative Safety and Efficacy of Hypnotics: A Quantitative Risk-Benefit Analysis <i>Cheung J, Scott H, Muench A, Morales K, Grunstein R, Krystal A, Riemann D, Perlis M</i>
8:45 a.m. - 9:00 a.m.	0479 Prescribing Patterns for Hypnotic Medication Among Adults Seeking CBTI Treatment: A Preliminary Report from the RESTING Study <i>Simpson N, Kim J, Tully I, Dietch J, Tutek J, Gumpert N, Planaiappan L, Rosas L, Zulman D, Manber R</i>
9:00 a.m. - 9:15 a.m.	0472 Dynamic Features of the Treatment Process Predict Different Outcomes for Patients Undergoing Cognitive Behavioral Therapy for Insomnia <i>Hu Y, Xu Y, Barwick F</i>
9:15 a.m. - 9:30 a.m.	0307 Is Poor Sleep Associated with Use of Multiple Benzodiazepine Receptor Agonists in Older Veterans? <i>Ghadimi S, Alessi C, Kelly M, Martin J, Moore A, Grinberg A, Zeidler M, Dzierzewski J, Mitchell M, Guzman A, Armendariz J, Badr S, Fung C</i>
9:30 a.m. - 9:45 a.m.	0462 Baseline Sleep Disturbance and Inability to Discontinue Chronic Hypnotic Use <i>Koshorek G, Parashar V, Roth T, Roehrs T</i>
9:45 a.m. - 10:00 a.m.	0463 Sleep Assessed by Actigraphy during Discontinuation of Chronic Hypnotic Use <i>Parashar V, Koshorek G, Roth T, Roehrs T</i>

O-24 The Impact of Emotion and Stress on Sleep

8:00 a.m. - 10:00 a.m. | Room W207
Chair: Natalia Machado, PhD

8:00 a.m. - 8:15 a.m.	0263 Slow-Wave Disruption Improves Irritability in Males with Major Depression: Potential Implications for Understanding the Impact of Sex Differences on Sleep and Neuroplasticity <i>Goldschmied J, Goldstein E, Palermo E, Costello S, Games M, Gehrman P</i>
8:15 a.m. - 8:30 a.m.	0261 Pre-Sleep Arousal Predicts Subsequent Night's REM Frontal Theta Power in a Naturalistic Context <i>ten Brink M, Yan Y, Zhang J, Manber R, Kreibitz S, Gross J</i>
8:30 a.m. - 8:45 a.m.	0241 N3 Slow Wave Duration Correlates with Next-Day Savoring Behavior in Pre-pubertal Children <i>Alfano A, Baran B, Palmer C</i>
8:45 a.m. - 9:00 a.m.	0234 Salivary -Amylase Response to Repeated Exposure to Acute Stressors Is Altered by Sleep Deprivation <i>Lundholm K, James S, Honn K, Hansen D, Van Dongen H, Satterfield B</i>
9:00 a.m. - 9:15 a.m.	0245 When do Emotions Impact Sleep? A State of the Evidence <i>Krizan Z, Hisler G, Boehm N</i>
9:15 a.m. - 9:30 a.m.	0249 Sleeping In to Avoid Acting Out: The Association Between Sleep Regularity and Emotion Regulation <i>Perez E, Sabet S, Soto P, Dzierzewski J</i>
9:30 a.m. - 9:45 a.m.	0257 Testing the Directionality of Sleep and Stress During the Perinatal Period: What's the Impact on Perinatal Depression? <i>Dhaliwal S, Gehrman P, Sharkey K, Le HN</i>
9:45 a.m. - 10:00 a.m.	0251 The Role of Parental Absence and Parental Conflict on Child and Adolescent Sleep <i>Garcia O, Duggan K</i>

O-25 Roles of Sleep, Circadian, and Behavioral Cycles in Cardiometabolic and Psychological Health

8:00 a.m. - 10:00 a.m. | Room W206

Chair: Josiane Broussard, PhD

8:00 a.m. - 8:15 a.m.	0214 Effects of Simulated Night-Shiftwork Induced Circadian Misalignment on the Human Plasma Metabolome <i>Kubicki M, McHill A, Melanson E, Reisdorph N, Wright K, Depner C,</i>
8:15 a.m. - 8:30 a.m.	0222 A Shift in the Circadian Timing of Calories and an Increase in Sleep Variability are Associated with Changes in Cardiometabolic Health in a Real-World Setting <i>McHill A, Velasco J, Gillingham M, Shea S, Olson R</i>
8:30 a.m. - 8:45 a.m.	0003 On the Same Wavelength? Quantifying the Associations between Eating Timing and Rest-Activity Rhythms in Free-Living Adults <i>Hoopes E, D'Agata M, Brookstein-Burke T, Robson S, Witman M, Malone S, Patterson F</i>
8:45 a.m. - 9:00 a.m.	0226 Circadian Influence on Food Intake Among Adolescents with Overweight and Healthy Weight <i>Barker D, Carskadon M, Gredvig-Ardito, Hart C, Raynor H, Scheer F</i>
9:00 a.m. - 9:15 a.m.	0204 Sleep Irregularity Is Associated with Increased Risk of Hypertension: Data From Over Two Million Nights. <i>Scott H, Lechat B, Reynolds A, Lovato N, Escourrou P, Catcheside P, Eckert D</i>
9:15 a.m. - 9:30 a.m.	0219 Interplay of School Days and Free Days with Sleep Midpoint on the Association of Visceral Adiposity with Blood Pressure in Adolescents <i>Morales-Ghinaglia N, Larsen M, Calhoun S, He F, Liao J, Vgontzas A, Bixler E, Liao D, Fernandez-Mendoza J</i>
9:30 a.m. - 9:45 a.m.	0212 Habitual Heavy Alcohol Drinking in Healthy Adults is Associated With Reduced Circadian Photoreceptor Responsivity to Light <i>Burgess H, Rizvydeen M, Kikyo F, Kebbeh N, Tan M, Roeklein K, Hasler B, King A, Cao D</i>
9:45 a.m. - 10:00 a.m.	0228 Using Blue Light Therapy to Facilitate Recovery of Sleep and Psychological Functioning in PTSD <i>Killgore W, Pace-Schott E, Grandner M, Vanuk J, Reign D, Dailey N</i>

D-11 Moving Past Validation: Best Practices for Rapid but Rigorous Evaluation of Technology to Assess Sleep and Circadian Health

10:30 a.m. - 12:30 p.m. | Room W206

Chair: Michael Grandner, PhD

Orfeu Buxton, PhD | Massimiliano de Zambotti, PhD
 Cathy Goldstein, MD | Luca Menghini, MD | Susan Redline, MD
 Meredith Wallace, PhD | Ying Zhang, MD

S-16 From Adaptation to Implementation: Leveraging Implementation Science to Promote Equity in Non-Pharmacological Insomnia Treatments

10:30 a.m. - 12:30 p.m. | Room E219

Chair: Suzanne Bertisch, MD

10:30 a.m. - 10:35 a.m.	Introduction <i>Suzanne Bertisch, MD</i>
10:35 a.m. - 11:00 a.m.	Adapting Evidence-Based Early Childhood Insomnia Treatment with Downstream Implementation and Health Equity in Mind <i>Ariel Williamson, PhD</i>
11:00 a.m. - 11:25 a.m.	Using Cultural Adaptation Models and Social Determinants of Health Frameworks to Adapt Digital Cognitive Behavioral Therapy for Insomnia for Spanish Speaking Latinx adults in Primary Care <i>Carmela Alcántara, PhD</i>
11:25 a.m. - 11:50 a.m.	Adapting and Testing an Evidence-Based Digital Insomnia Treatment for the Black Women's Cohort: Key Lessons and Future Work <i>Eric Zhou, PhD</i>
11:50 a.m. - 12:15 p.m.	Applying Implementation Science Frameworks to Adapt Brief Behavioral Treatment of Insomnia for Low-Income Adults <i>Suzanne Bertisch, MD</i>
12:15 p.m. - 12:30 p.m.	Discussion/ Q & A

S-17 Disturbed Daily Activity Patterns and Alzheimer's Disease: Latest Updates and Future Questions

10:30 a.m. - 12:30 p.m. | Room W207

Chair: Kun Hu, PhD

10:30 a.m. - 10:45 a.m.	Introduction <i>Kun Hu, PhD</i>
10:45 a.m. - 11:20 a.m.	Actigraphic Sleep and Circadian Changes in Aging and Preclinical Alzheimer's Disease <i>Yo-El Ju, MD</i>
11:20 a.m. - 11:55 a.m.	Multidimensional Actigraphy Features: Link Between Circadian Rest Activity Rhythms and Alzheimer's Disease <i>Peng Li, PhD</i>
11:55 a.m. - 12:30 p.m.	Mechanisms Linking Alzheimer's Disease with Chronic Fragmentation of the Daily Sleep-Wake Rhythm: Insights from Animal Models <i>Marilyn J. Duncan, PhD</i>

O-26 Sleep and Cardiopulmonary Disease

10:30 a.m. - 12:30 p.m. | Richardson Ballroom B

Co-Chairs: TBD

10:30 a.m. - 10:45 a.m.	0774 Positive Airway Pressure Utilization, Major Adverse Cardiovascular Events Incidence Risk and Mortality in Medicare Beneficiaries with Obstructive Sleep Apnea <i>Mazzotti D, Waitman LR, Gozal D, Song X</i>
10:45 a.m. - 11:00 a.m.	0698 Genetic Susceptibility to Elevated C-Reactive Protein and Risk of Obstructive Sleep Apnea in US Men and Women <i>Huang T, Goodman M, Wang H, Sofer T, Tworoger S, Stampfer M, Saxena R, Redline S</i>
11:00 a.m. - 11:15 a.m.	0696 The Application of a QTc Risk Score in Patients with Obstructive Sleep Apnea <i>Patel S, Zareba W, Parthasarathy S, Perez K, Wendel C, Xia X, Patel I, Quan S, Grandner M, Youngstedt S, Miller J, Woosley R</i>
11:15 a.m. - 11:30 a.m.	0745 Sleep-Related Hypoxemia Association with Incident Atrial Fibrillation in a Clinic-Based Cohort <i>Heinzinger C, Thompson N, Milinovich A, Foldvary-Schaefer N, Van Wagener D, Chung M, Mehra R</i>
11:30 a.m. - 11:45 a.m.	0717 Obstructive Sleep Apnea Symptom Subtype Transitions over Five Years are Associated with Increased Cardiovascular Disease Incidence Risk <i>Mazzotti D, Scott P, Morris J</i>
11:45 a.m. - 12:00 p.m.	0716 Risk for Heart Failure with Preserved Ejection Fraction in Patients With or Without Obstructive Sleep Apnea <i>Schütz S, Nguyen-Phan A, Konerman M, Chervin R, Hummel S</i>
12:00 p.m. - 12:15 p.m.	0724 Age-Related AHI Cut-Offs Associated with Cardiovascular and Cerebrovascular Disorders: Clinical Implications <i>Vgontzas A, Fernandez-Mendoza J, Karagkouni E, He F, Lenker K, Basta M, Liao D, Bixler E</i>
12:15 p.m. - 12:30 p.m.	0705 Association of High Risk Obstructive Sleep Apnea with Atherosclerotic Plaque, Coronary Stenosis and Coronary Artery Calcium Score in Asymptomatic Young and Middle-Aged Adults in The Miami Heart (MiHeart) Study at Baptist Health South Florida <i>Walia H, Saxena A, Ali S, Feldman T, Fialkow J, Valero Elizondo J, Cainzos Achirica M, Nasir K</i>

O-27 Sleep and Medical Comorbidities

10:30 a.m. - 12:30 p.m. | Richardson Ballroom A
Chair: Atul Malhotra, MD

10:30 a.m. - 10:45 a.m.	0600 The Moderating Effect of Comorbid Insomnia on the Association of Obstructive Sleep Apnea with Mood, and with Diabetes-Related Distress in Adults with Type 2 Diabetes <i>Jeon B, Luyster F, Sereika S, DiNardo M, Callan J, Chasens E</i>
10:45 a.m. - 11:00 a.m.	0586 Extending Sleep in Short Sleeping Middle-aged Adults at Risk for the Metabolic Syndrome <i>Malone S, Patterson F, Hoopes E, Wong A, Grunin L, Yu G, Dickson V, Melkus G</i>
11:00 a.m. - 11:15 a.m.	0585 Use of a Hybrid Closed Loop Insulin Delivery System Improves Sleep and Glycemic Control in Adults with Long-Standing Type 1 Diabetes and Hypoglycemia Unawareness <i>Malone S, Matus A, Peleckis A, Flatt A, Grunin L, Yu G, Jang S, Weimer J, Lee I, Rickels M, Goel N</i>
11:15 a.m. - 11:30 a.m.	0566 Impact of Obstructive Sleep Apnea in Patient Admitted For Diabetic Ketoacidosis. Analysis Of The National Inpatient Sample <i>Yusuf M, Aldiabat M, Al-khateeb M, Horoub A, Al Jabiri Y, Kilani Y, Abdulkarim F, Garba K, Thompson P</i>
11:30 a.m. - 11:45 a.m.	0595 Inflammatory Plasma Biomarker Cluster Associations with Sleep in People with and without HIV <i>Bakewell N, Mallon P, Sabin C, Winston A, Post F, Sachikonye M, Doyle N, Redline S, Kunisaki K</i>
11:45 a.m. - 12:00 p.m.	0630 A 4-Week Sleep Intervention that Advances and Stabilizes Sleep Timing Leads To Meaningful Improvements in Pain and Physical Function in People With Fibromyalgia <i>Burgess H, Bahl S, Wilensky K, Spence E, Jouppi R, Rizvydeen M, Goldstein C, Williams D, Kim M, Burns J</i>
12:00 p.m. - 12:15 p.m.	0587 Sleep Problems are Associated with Treatment for Anemia in the US Population <i>Shah S, Mason B, Wills C, Tubbs A, Killgore W, Grandner M</i>
12:15 p.m. - 12:30 p.m.	0592 Hybrid Closed Loop Insulin Delivery Systems Reduce Perceived Hypoglycemia During Sleep in Adults With Long-Standing Type 1 Diabetes and Hypoglycemia Unawareness <i>Matus A, Kohl Malone S, Flatt A, Peleckis A, Dalton-Bakes C, Rickels M, Goel N</i>

Exhibit Hall Open

10:00 a.m. - 1:30 p.m. | Hall C2

Refreshment Break in Exhibit Hall

2:45 p.m. - 3:15 p.m. | Hall B & C1

LUNCH DEBATE

12:45 p.m. - 1:45 p.m. | Room E217

Pre-Registration is required.

L-03: Cannabis: Good or Not for Sleep?

Bharati Prasad, MD (Pro) | Bhanu Kolla, MD (Con)

MEET THE PROFESSORS

12:45 p.m. - 1:45 p.m.

Pre-Registration is required.

M-11: Sleep and Memory

E220E / Sara Aton, PhD

M-12: Circadian Rhythms and Cardiovascular Health

E220BC / Frank Scheer, PhD

M-13: Sleep Health Disparities During the Coronavirus Pandemic: What's Next?

E220A / Chandra Jackson, PhD

M-14: School Start Time: Pros and Cons

E220D / Rafael Pelayo, MD

M-15: Understanding Sleep and Cognition in Development

E220F / Rebecca Spencer, PhD

Refreshment Break in Exhibit Hall

I-09 Sleep and Neurodegeneration

1:45 p.m. - 2:45 p.m. | Richardson Ballroom CD
Yo-El Ju, MD

I-10 Social Determinants of Sleep Health

1:45 p.m. - 2:45 p.m. | Room E219
Lauren Hale, PhD

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SCIENTIFIC PROGRAM

O-28 Sleep And Neurologic Disorders

1:45 p.m. - 2:45 p.m. | Richardson Ballroom B
Chair: Roneil Gopal Malkani, MD

1:45 p.m. - 2:00 p.m.	0627 The Effects of Insomnia Therapy on Depression, Anxiety, and Daily Functioning in Individuals with Insomnia and Mild Cognitive Impairment <i>Morehouse A, O'Hara K, Hernandez B, Lazzeroni L, Zeitzer J, Friedman L, Posner D, Kushida C, Yesavage J, Goldstein-Piekarski A</i>
2:00 p.m. - 2:15 p.m.	0637 Associations between Alzheimer's Disease Pathology and the Psychomotor Vigilance Task in Cognitively Unimpaired Adults with and without Obstructive Sleep Apnea <i>Plante D, Tran K, Cook J, Hagen E, Peppard P, Kollmorgen G, Suridjan I, Blennow K, Zetterberg H, Carlsson C, Johnson S, Bendlin B</i>
2:15 p.m. - 2:30 p.m.	0581 Sleep Patterns and "OFF"-Time in Patients with Parkinson's Disease and Motor Fluctuations <i>Hauser R, Videnovic A, Soares-da-Silva P, Liang G, Olson K, Jen E, Rocha JF, Klepitskaya O</i>
2:30 p.m. - 2:45 p.m.	0632 Early Sleep-Disordered Breathing in Moderate-to-Severe Traumatic Brain Injury (TBI) is Linked with Chronic Pain Status at Long-Term Follow-Up: A TBI Model Systems Study <i>Martin A, Tang X, Pinto S, Hoffman J, Schwartz D, Wittine L, Walker W, Kane G, Takagishi S, Nakase-Richardson R</i>

O-29 Pediatrics: Sleepy Children

1:45 p.m. - 2:45 p.m. | Room W209ABC
Chair: Jamie Haas, MD

1:45 p.m. - 2:00 p.m.	0505 Maintenance of Wakefulness Test Characteristics in Pediatric Populations With Central Hypersomnia <i>Wisniewski B, Witt R, Cole M, Gurbani N, Huang G, Hossain M, Simakajornboon, N</i>
2:00 p.m. - 2:15 p.m.	0410 Utility of the Urine Drug Screen in Maintenance of Wakefulness Testing Interpretation - A Single-Center, Retrospective Analysis in Pediatric Patients <i>Witt R, Wisniewski B, Cole M, Gurbani N, Huang G, Hossain M, Simakajornboon, N</i>
2:15 p.m. - 2:30 p.m.	0504 Identifying Risk Factors for Developing Sleep Disorders <i>Johnson A, Gonsalves V, Walker B, Santos Am, Goncalves Araujo L, Santos An, Ajayi A</i>

0493
Daytime Sleepiness in Children with Asthma: Is it really the lungs?
Strang A, Gao D, Rani S, Pasquale F, Covington L, Patterson F, Chidekel A

D-12 How New and Emerging Technologies will Shape the Future of Sleep and Circadian Medicine

3:15 p.m. - 5:15 p.m. | Richardson Ballroom B
Chair: Clete Kushida, MD, PhD
J. Steven Alexander, PhD | Mark Buchfuhrer, MD
Mariana Figueiro, PhD | Jonathan Rivnay, PhD | Don Tucker, PhD
Andrew Vakulin, PhD | Andrew Wellman, MD, PhD

D-13 Wake Up and Learn: Implementation, Expansion, and Outcomes of a School-Based Sleep Education and Surveillance Program

3:15 p.m. - 5:15 p.m. | Room W207
Chair: Anne Morse, DO
Kristina Blessing | Denise Liscum | Sarah Zultevicz

S-18 Incorporating Actigraphy and Other Wearable Devices into Sleep Health Research: Methodological Challenges and Opportunities

3:15 p.m. - 5:15 p.m. | Richardson Ballroom A
Chair: Meredith Wallace, PhD

3:15 p.m. - 3:20 p.m.	Overview of Challenges and Opportunities when using Actigraphy and Other Wearable Devices in Sleep Health Research <i>Meredith Wallace, PhD</i>
3:20 p.m. - 3:45 p.m.	Multidimensional Sleep Health Facets in Older Adults Identified with Factor Analysis of Actigraphy: Results from the Einstein Aging Study <i>Linying Ji, PhD</i>
3:45 p.m. - 4:10 p.m.	Strengths and Limitations of Actigraphy Sleep Health Composite Scores: Applications to the Risk of Heart Disease Across Sex and Race <i>Soomi Lee, PhD</i>
4:10 p.m. - 4:35 p.m.	Clustering to Reveal Actigraphy Sleep Health Phenotypes: Novel Methodological Advances and Findings in Older Adults <i>Meredith Wallace, PhD</i>
5:00 p.m. - 5:15 p.m.	Rigorous Classification of Actigraphy and Multi-Sensor Wearables: Current Biases, New Approaches to Performance Evaluation, and Recommendations <i>Daniel Roberts, PhD</i>
5:00 p.m. - 5:15 p.m.	Discussion/ Q & A

O-30 Non-PAP Treatment for Sleep Apnea

3:15 p.m. - 5:15 p.m. | Room W209ABC

Chair: Katherine Green, MD

3:15 p.m. - 3:30 p.m.	0736 Mandibular Movements Are a Reliable Noninvasive Alternative to Esophageal Pressure for Measuring Respiratory Effort in Patients with Sleep Apnea Syndrome <i>Martinot JB, Le Dong NN, Cuthbert V, Coumans N, Tamiel R, Malhotra A, Pépin JL</i>
3:30 p.m. - 3:45 p.m.	0764 Evaluation of Cloud-Connected Home Sensors of Apnea-Hypopnea Index Versus Polysomnography and Home Sleep Apnea Test During Upper Airway Stimulation Home Titration <i>Huyett P, Yu P, Kent D, Stahl S, Manchanda S, Mehra R, Rundo J, Roy A</i>
3:45 p.m. - 4:00 p.m.	0708 Stage-Dependent Differences in Central Sleep Apnea (CSA) Predominate in Remedé System Pivotal Trial Participants <i>Schwartz A, Germany R, Meyer T, McKane S</i>
4:00 p.m. - 4:15 p.m.	0730 Validation Studies for Scoring Polysomnograms and Home Sleep Apnea Tests with Artificial Intelligence: Sleep Stage Probabilities (Hypnodensity) Derived from Neurological or Cardiorespiratory Signals <i>Anderer P, Ross M, Cerny A, Fonseca P, Shaw E, Bakker J</i>
4:15 p.m. - 4:30 p.m.	0766 Group Trajectories Demonstrate Robust Effects of Targeted Hypoglossal Nerve Stimulation in the THN3 Randomized, Controlled Trial <i>Schwartz A, Jacobowitz O, Mickelson S, Miller M, Oliven A, Certal V, Hopp M, Winslow D, Huntley T, Nachlas N, Gillespie MB, Weeks B, Lovett E, Shen J, Maurer J</i>
4:30 p.m. - 4:45 p.m.	0768 A Million Dreams: Improving Compliance and Treatment of Obstructive Sleep Apnea via Upper Airway Stimulation Therapy. Real-World Outcomes <i>Goss D, Ashtyani F, Ashtyani L, Martinez M, Leadley L, Patterson P, Moore D, Stevens D, Faber K, Lee K, Araujo M</i>
4:45 p.m. - 5:00 p.m.	0765 Enhanced Response to Targeted Hypoglossal Nerve Stimulation in Patients with Normal Sleep Efficiency: A THN3 Post-Hoc Analysis <i>Schwartz A, Jacobowitz O, Mickelson S, Miller M, Oliven A, Certal V, Hopp M, Winslow D, Huntley T, Nachlas N, Gillespie MB, Weeks B, Lovett E, Shen J, Maurer J</i>
5:00 p.m. - 5:15 p.m.	0788 The Effect of CPAP on Quality of Life in Females with Mild OSA: Post Hoc Analysis from the MERGE Randomised Trial <i>Wimms A, Kelly J, Turnbull C, McMillan A, Craig S, O'Reilly J, Nickol A, Hedley E, Decker M, Willes L, Calverley P, Benjafield A, Stradling J, Morrell M</i>

O-31 Implementing, Tailoring, and Predicting Insomnia Therapies

3:15 p.m. - 5:15 p.m. | Room E219

Co-Chairs: Jack Edinger, PhD and Brendan Lucey, MD

3:15 p.m. - 3:30 p.m.	0440 Subjective Sleep Outcomes with Lemborexant Among Subjects with Insomnia and Clinically Meaningful Decreases on the Insomnia Severity Index <i>Roth T, Moline M, Pinner K, Robles Y, Yardley J, Pappadopulos E, Malhotra M</i>
3:30 p.m. - 3:45 p.m.	0570 Does CBT-I Dose effect Sleep Duration and Fatigue in Breast and Prostate Cancer Patients? <i>Muench A, Posner D, Seewald M, Upton Ca, Boyle J, Reddy V, Thompson M, Vargas I, Perlis M</i>
3:45 p.m. - 4:00 p.m.	0477 Comparison of a Non-Contact Sleep Monitoring Device with Wrist Actigraphy in a Sample of Individuals with Chronic Insomnia <i>Teeter N, Skeiky L, Gottlieb E, Raymann R, Buchwald D, Watson N, Van Dongen H, Hansen D, Finlay M, Peterson M</i>
4:00 p.m. - 4:15 p.m.	0662 Comparative Efficacy of Digital CBT-I Versus Stepped-Care CBT-I to Prevent Depression <i>Cheng P, Kalmbach D, Sultan Z, Fellman-Couture C, Drake C</i>
4:15 p.m. - 4:30 p.m.	0442 Improved Resilience Following Cognitive Behavioral Therapy for Insomnia Mediates Treatment Outcomes and Protects Against Long-Term Insomnia and Depression <i>Cheng P, Kalmbach D, Hsieh HF, Cuamatzi Castelan A, Sagong C, Drake C</i>
4:30 p.m. - 4:45 p.m.	0470 Pre-Treatment Objective Short Sleep is Associated with Poor Treatment Response in Patients with Insomnia and Major Depression: A Report from the TRIAD Study <i>Edinger J, Eldridge-Smith ED, Buysse D, Thase M, Krystal A, Wisniewski S, Manber R</i>
4:45 p.m. - 5:00 p.m.	0451 Effect of Lemborexant Treatment on Polysomnographic Sleep Measures in Older Adults with Insomnia and Objective Short Sleep <i>Krystal A, Edinger J, Kumar D, Pappadopulos E, Malhotra M, Moline M</i>
5:00 p.m. - 5:15 p.m.	0452 Lemborexant Treatment of Older Adults with Insomnia and Objective Short Sleep: Rates of Response and Remission <i>Edinger J, Krystal A, Kumar D, Pappadopulos E, Lundwall C, Moline M</i>

INDUSTRY PRODUCT THEATER

Industry Product Theaters feature presentations by our exhibitors. Boxed lunches are for attendees; CME is not provided these events. Please see the ad below and/or visit the exhibitors' booths for additional information about the event.

All Industry Product Theaters will be held at The Westin Charlotte (601 S. College Street, Charlotte, NC 28202). Check the individual listing below for room assignments.

Monday, June 6 | 12:30 p.m. – 1:45 p.m.

ZOLL Itamar **Providence Ballroom II & III, 1st Floor**
Innovative Sleep Practices: Adapting to Serve Underdiagnosed and Undertreated Patients
Atul Malhotra, MD, Sudha S. Tallavajhula, MBBS, Yelena Tumashova, MD

Merck & Co., Inc. **Grand Ballroom AB, 2nd Floor**
Managing Insomnia in Patients with Mild to Moderate Alzheimer's Disease
Craig Chepke, MD

Jazz Pharmaceuticals, Inc. **Grand Ballroom C, 2nd Floor**
A Treatment Option for Adult Patients with Idiopathic Hypersomnia
Richard Bogan, MD

Philips **Grand Ballroom D, 2nd Floor**
The Operational Challenges of Adopting Sleep Testing for Co-Morbidities

Tuesday, June 7 | 12:30 p.m. – 1:45 p.m.

Idorsia Pharmaceuticals US, Inc. **Providence Ballroom II & III, 1st Floor**
Advances in the Treatment of Insomnia
Thomas Roth, PhD

ResMed **Grand Ballroom AB, 2nd Floor**
Dose-Dependent Clinical Benefits of PAP Therapy and Strategies to Improve PAP Adherence
Adam Benjafield, PhD, Atul Malhotra, MD

Inspire Medical Systems **Grand Ballroom C, 2nd Floor**
Sleep Superheroes: Help Patients Succeed with Inspire
Margaret Hovda, MD, Vikas Jain, MD, Ruchir P. Patel, MD

Pear Therapeutics **Grand Ballroom D, 2nd Floor**
Somryst®: A Prescription Digital Therapeutic for Chronic Insomnia
Yuri Maricich, MD, Michelle Primeau, MD, Daniel Norman, MD, Jualynda Smith, FNP-C

MONDAY

JOIN US FOR AN INDUSTRY PRODUCT THEATER DISCUSSING

A Treatment for Adult Patients With Idiopathic Hypersomnia

MONDAY, JUNE 6, 2022 | 12:30 PM - 1:45 PM

The Westin Charlotte | Grand Ballroom C

Presented by



RICHARD BOGAN, MD

Bogan Sleep Consultants, LLC

Medical University of South Carolina, Charleston, SC

University of South Carolina, Columbia, SC

Faculty are paid speakers presenting on behalf of Jazz Pharmaceuticals, Inc.

ONSITE REGISTRATION

will occur for conference registrants only at the program entrance, on a first-come, first-served basis.

Visit **Booth 211** for additional information.



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PHILIPS

Join us for an Industry Product Theater session:

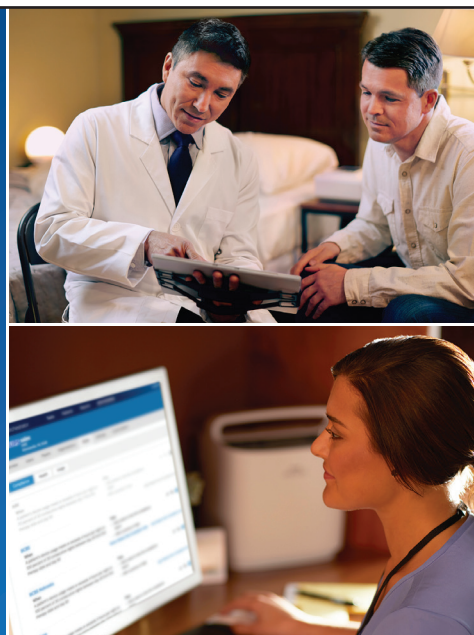
The operational challenges of adopting sleep testing for comorbidities

Monday, June 6th – 12:30-1:45 PM EST

Grand Ballroom D at The Westin Charlotte

Lunch will be provided

innovation  you



JOIN US AT SLEEP 2022

ZOLL®

Innovative Sleep Practices:

ADAPTING TO SERVE UNDERDIAGNOSED AND UNDERTREATED PATIENTS

Monday, June 6 | 12:30-1:30 p.m. | Providence Ballroom II and III | Westin Charlotte Hotel

Moderator



Atul Malhotra, MD

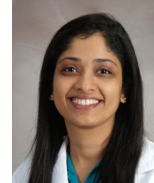
Speaker



Yelena Tumashova, MD

Unveil the potential of your sleep practice: building a successful cardio-sleep program

Speaker



Sudha S. Tallavajhula, M.B.B.S.

Neurostimulators expand treatment options for hard-to-treat patients

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TUESDAY



 **Inspire**
Sleep Apnea Innovation

Sleep Superheroes: Help Patients Succeed with Inspire

Through a series of clinical case studies, an expert panel of sleep physicians will highlight the capabilities of Upper Airway Stimulation therapy through simple device programming changes to optimize patient response to therapy.

Tuesday, June 7, 12:30-1:45 pm

Room: Grand Ballroom C

Mark Your Calendar |

Tuesday, June 7, 2022 | 12:30-1:45 pm
The Westin Charlotte, Grand Ballroom AB

Dose-Dependent Clinical Benefits of PAP Therapy and Strategies to Improve PAP Adherence

Recent real-world evidence challenges the current definition of "adherence" to PAP therapy

Presented by:



Atul Malhotra, MD, FAASM
Professor of Medicine,
UC San Diego



Adam Benjafield, PhD, FAASM
VP Medical Affairs,
Clinical Research and Strategy at ResMed


ResMed



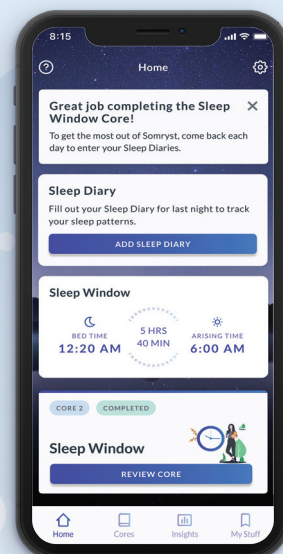
Join our Industry Product Theater on June 7th from 12:30pm - 1:45pm in Grand Ballroom D at the Westin Charlotte to learn about Somryst, the first and only **FDA-cleared Prescription Digital Therapeutic (PDT)** for chronic insomnia.¹

Reference: 1. Somryst clinician directions for use. Pear Therapeutics (US), Inc. 2020

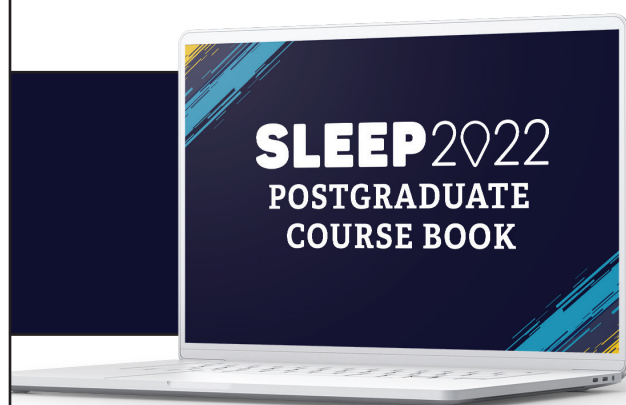
See full Indication, Important Safety Information and Usage for Somryst at [SomrystHCP.com](https://www.somrysthcp.com)

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**Purchase access to the
digital, downloadable
copy at Registration.**

The SLEEP 2022 Postgraduate Course Book contains all slides from each of the 8 Postgraduate Courses presented at SLEEP 2022.

Digital files will be distributed after event.



Advances in the Treatment of Insomnia

An Industry Product Theater by Idorsia Pharmaceuticals US, Inc.



Thomas Roth, PhD

Chief, Division Head
Sleep Disorders and Research Center
Henry Ford Hospital, Detroit, MI

This event is being held at the following date and location:

Tuesday, June 7

12:30 PM – 1:45 PM

Providence Ballroom II and III
The Westin Charlotte

Come visit us at
Booth 325 for
exciting information
about sleep.

INDUSTRY SUPPORTED EVENTS

Sunday, June 5 | 6:30 p.m. – 8:30 p.m.

Providence Ballroom, 1st Floor of The Westin Charlotte

A New Dawn for Better Outcomes in Patients With Idiopathic Hypersomnia: New Data, New Guidance, New Treatments

Anne Marie Morse, DO, Lynn Marie Trotti, MD, MSc

Presented by Haymarket Medical Education, supported by Jazz Pharmaceuticals, Inc.

Monday, June 6 | 6:15 p.m. – 8:30 p.m.

Providence Ballroom, 1st Floor of The Westin Charlotte

Encouraging Medication Adherence in Narcolepsy: An Emphasis on QoL and PROs

Michael Strunc, MD, Phyllis Zee, MD, PhD

Presented by Haymarket Medical Education, supported by Harmony Biosciences

Monday, June 6 | 6:45 p.m. – 8:15 p.m.

Grand Ballroom AB, 2nd Floor of The Westin Charlotte

Flipping the Switch: Rethinking Our Approach to Insomnia

Karl Doghramji, MD, Diego Garcia-Borreguero, MD, PhD, Thomas E. Scammell, MD

Presented by Medscape LLC, supported by Idorsia Pharmaceuticals US, Inc.

Monday, June 6 | 6:45 p.m. – 8:45 p.m.

Grand Ballroom CD, 2nd Floor of The Westin Charlotte

Achieving Optimal Outcomes in Patients with Narcolepsy:

Aligning Treatment Goals with Patients

Richard Bogan, MD, Julie Flygare, JD, Michael Thorpy, MD, Terri E. Weaver, PhD, RN

Presented by CME Outfitters, supported by Jazz Pharmaceuticals, Inc.

Monday, June 6 | 6:15 p.m. – 7:30 p.m.

NASCAR Hall of Fame

ORP: The Fast Track to Better Patient Care

Célyne Bastien, PhD, Charles Samuels, MD, Robert Thomas, MD, Magdy Younes, MD, PhD

Presented by Cerebra

Tuesday, June 7 | 6:45 a.m. – 7:45 a.m.

Uptown Ballroom, 1st Floor of The Westin Charlotte

Humidified High Flow Therapy:

Early experience as an alternative to PAP for Pediatric OSA patients

Michael McLeland, RST, RPSGT, David M. Rapoport, MD, James Gibbons

Presented by Fisher & Paykel Healthcare

Tuesday, June 7 | 7:00 p.m. – 9:00 p.m.

Providence Ballroom, 1st Floor of The Westin Charlotte

The Quest for Sleep: 74-minute documentary screening followed by a panel discussion with Michael Grandner, PhD, Dayna Johnson, PhD, MPH, Meeta Singh, MD

Presented by Ruder Finn, supported by Idorsia Pharmaceuticals US, Inc.

Tuesday, June 7 | 6:15 p.m. – 8:15 p.m.

Grand Ballroom AB, 2nd Floor of The Westin Charlotte

The Future of Sleep Diagnostics - The Emergence of Ambulatory PSG

Christopher Cielo, DO, Dennis Hwang, MD, Ignacio Tapia, MD

Presented by Nox Medical

Tuesday, June 7 | 6:15 p.m. – 8:15 p.m.

Grand Ballroom CD, 2nd Floor of The Westin Charlotte

Stories and Strategies for Excessive Daytime Sleepiness in Obstructive Sleep Apnea

Kingman P. Strohl, MD, Patrick J. Strollo, MD, Phyllis Zee, MD, PhD

Presented by Medscape LLC, supported by Jazz Pharmaceuticals, Inc.

Tuesday, June 7 | 6:15 p.m. – 9:30 p.m.

Uptown Ballroom, 1st Floor of The Westin Charlotte

Avadel Pharmaceuticals: Addressing Patient Needs in the Advancement of Narcolepsy Treatment

Yves Dauvilliers, MD, PhD, Julie Flygare, JD, Cleto Kushida, MD, PhD, Anne Marie Morse, DO,

Michael J. Thorpy, MD

Presented by Avadel Pharmaceuticals

SUNDAY

Please join us for a complimentary accredited continuing education dinner symposium

A New Dawn for Better Outcomes in Patients with Idiopathic Hypersomnia: New Guidance, and New Treatments

This CME-certified industry-supported event presented at SLEEP 2022, chaired by Russell Rosenberg, PhD, FAASM, and in association with the Hypersomnia Foundation, consists of a lively evidence-based panel discussion among faculty experts (Anne Marie Morse, DO, FAASM, and Lynn Marie Trotti, MD, MSc) and a patient with idiopathic hypersomnia, who will provide insights into their personal experiences with this disorder.

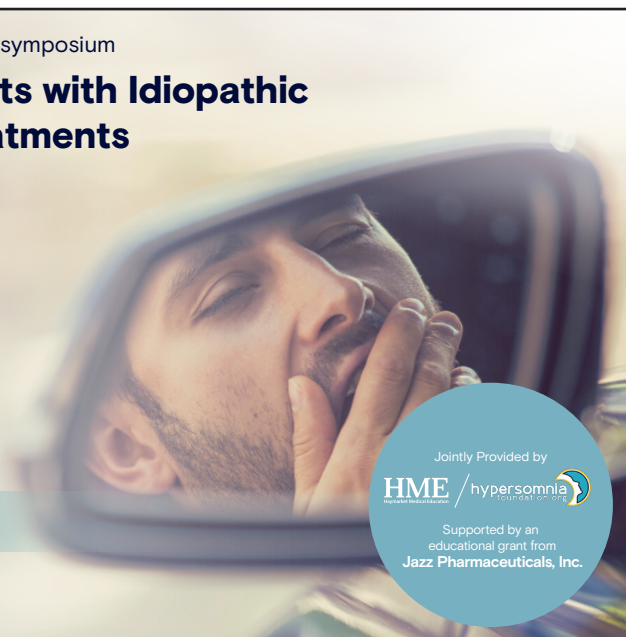
Sunday, June 5, 2022 | The Westin Charlotte

6:30 pm Registration & Dinner

7 pm – 8:30 pm Scientific Session

REGISTER ONLINE: mycme.com/Hypersomnia2022

If you have any questions or need assistance with registration, please contact **Christie Kavanagh** at **201-446-5203**.



Jointly Provided by



Supported by an educational grant from Jazz Pharmaceuticals, Inc.

Join us for a live CME Dinner Symposium

Encouraging Medication Adherence in Narcolepsy: An Emphasis on QoL and PROs

This CME-certified industry-supported event at SLEEP 2022, chaired by Russell Rosenberg, PhD, FAASM, consists of a lively panel discussion among faculty experts (Michael Strunc, MD and Phyllis Zee, MD, PhD) who will discuss using QoL and PROs, in addition to efficacy and safety, as benchmarks when assessing the effectiveness of treatment.

Monday, June 6, 2022 | The Westin Charlotte

6:15 pm Registration & Dinner

7:00 – 8:30 pm Scientific Session

REGISTER ONLINE: myCME.com/Narcolepsy2022

If you have any questions or need assistance with registration, please call **Christie Kavanagh** at **201-446-5203**.



CME

Medscape **LIVE!**

Flipping the Switch Rethinking Our Approach to Insomnia

MONDAY, JUNE 6, 2022 | 6:45 PM – 8:15 PM ET

THE WESTIN CHARLOTTE | 601 SOUTH COLLEGE STREET
CHARLOTTE, NORTH CAROLINA | **ROOM: GRAND BALLROOM AB**



IN-PERSON EVENT

www.medscape.org/symposium/insomnia-2022

Medscape
EDUCATION GLOBAL



Achieving Optimal Outcomes in Patients with Narcolepsy: Aligning Treatment Goals with Patients

Supported by an educational grant from Jazz Pharmaceuticals, Inc.

Symposium Date/Time: Monday, June 6, 2022 | 6:45 PM - 8:45 PM ET (doors open at 6:15 PM)
The Westin Charlotte | Grand Ballroom CD | 601 S. College Street, Charlotte, NC 28202

FEATURING EXPERT FACULTY:

Richard K. Bogan, MD, FCCP, FAASM (Moderator)
Julie Flygare, JD
Michael J. Thorpy, MD
Terri E. Weaver, PhD, RN, FAAN, ATSF, FAASM

CREDIT TYPES:

MOC, ACCME, ANCC, ACPE, AAPA
A MIPS Improvement Activity

CREDIT AVAILABLE FOR:

Physicians, PAs, nurse practitioners, nurses, and pharmacists specializing in sleep medicine, psychiatry, neurology, pulmonology and/or primary care



Scan the QR code to view more credit details and register.

CME
OUTFITTERS

ORP: the fast track to better patient care

Join us at SLEEP 2022 and find out how Odds Ratio Product (ORP) can be used in clinical practice. Be sure to come early before the presentation for a complimentary cocktail and light snack.



DATE June 6, 2022
TIME 6:15-7:30pm - Presentation
LOCATION NASCAR Hall of Fame - just a 2 minute walk from the Convention Center
400 East Martin Luther King Jr. Blvd. Charlotte, NC.
SPEAKERS Robert Thomas M.D. • Celyne Bastien Ph.D.
Magdy Younes MD, FRCPC, PhD. • Charles Samuels M.D., CCFP, DABSM

SLEEP 2022 Industry Supported Event.

TUESDAY

Breakfast Symposium Event

Sponsored by Fisher & Paykel Healthcare



June 7
6:45 - 7:45 AM EST
The Westin Charlotte in the Uptown Ballroom

Humidified High Flow Therapy

Early experience as an alternative to PAP for Pediatric OSA patients



Michael McLeland, Ph.D, RPSGT

Director of Research, Sleep Medicine and Research Center at St. Luke's Hospital, St. Louis, MO



David M. Rapoport, MD

Director of Research, Integrated Sleep Medicine at Icahn School of Medicine at Mount Sinai, New York, NY



James Gibbons

Market Development Manager - AIRVO System at Fisher & Paykel Healthcare



Register

OSMOSIS FILMS PRESENTS A DOCUMENTARY FILM

the Quest for Sleep

NARRATED BY
OCTAVIA SPENCER

Osmosis Films, in association with Idorsia Pharmaceuticals, invites you to a screening of a new documentary and an expert panel discussion

The Quest for Sleep

at SLEEP 2022
Tuesday, June 7, at 7pm ET

74 minute runtime, followed by panel, and movie theater-style snacks will be provided

The Westin Charlotte | 601 S College Street Charlotte, NC

Join us at the screening for a panel discussion with the film's experts:



DR. DAYNA JOHNSON
SLEEP
EPIDEMIOLOGIST



DR. MEETA SINGH
PSYCHIATRIST &
SLEEP MEDICINE SPECIALIST



DR. MICHAEL GRANDNER
BEHAVIORAL SLEEP
MEDICINE SPECIALIST



www.TheQuestforSleep.com
for more info and upcoming screenings



Stories and Strategies for Excessive Daytime Sleepiness in Obstructive Sleep Apnea

TUESDAY, JUNE 7, 2022 | 6:45 PM – 8:15 PM ET

THE WESTIN CHARLOTTE | 601 SOUTH COLLEGE STREET
CHARLOTTE, NORTH CAROLINA | **ROOM:** GRAND BALLROOM CD



IN-PERSON EVENT

www.medscape.org/symposium/EDS

Medscape
EDUCATION



Narcolepsy symposium

Avadel Pharmaceuticals: Addressing Patient Needs in the Advancement of Narcolepsy Treatment

Presenters

- Yves Dauvilliers, MD, PhD
- Michael J. Thorpy, MD
- Clete Kushida, MD, PhD
- Anne Marie Morse, DO
- Julie Flygare, JD



Tuesday, June 7



6:15-9:30 PM



**The Westin Charlotte,
Uptown Ballroom**



Panel discussion with Q&A
Your opportunity to ask questions and open a dialogue

Attend this expert panel symposium, sponsored by Avadel



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nox medical

Satellite Symposium

The Future of Sleep Diagnostics - The emergence of ambulatory PSG

Please join us at the satellite symposium for a conversation about the state of ambulatory PSG Type II Testing in sleep medicine. With new technological advancements, ambulatory PSG is now available and accepted by researchers and clinicians.

Discussions will address the latest trends in ambulatory PSG research, learnings from Type II in clinical settings and what they can mean for the future of the industry.

Tuesday, June 7 2022 - 6:15 pm
Grand Ballroom AB , The Westin Charlotte Hotel

LBL-0337 REV01



EXHIBITOR LISTING

by booth number | As of 04/01/2022

117	ResMed	277	Axsome Therapeutics
125	Harmony Biosciences	300	Merck & Co., Inc.
135	EnsoData	301	Snugz Mask liners
140	MedBridge Healthcare	317	Inspire Medical Systems
141	Vanda Pharmaceuticals Inc.	325	Idorsia Pharmaceuticals US, Inc
142	Apria	341	Philips
146	Sunrise	351	Takeda Pharmaceuticals
150	HoneyNaps Co., Ltd.	358	Cerebra
151	ZOLL Itamar	359	Signifier Medical Technologies
152	Sentec, Inc.	364	Lucimed
154	Brain Vision	365	General Sleep Corporation
158	Weaver and Company	366	PainPod USA
159	Somnics Health	368	Koko Labs
160	SleepGlad	371	Dymedix Diagnostics, Inc.
164	Parachute Health	375	Zopec Medical, LLC
165	3B Medical, Inc	400	ProSomnus Sleep Technologies
166	Airway Management	401	Elsevier, Inc.
168	Onera Health	405	SomnoMed
171	Pear Therapeutics	411	Compumedics
172	ActiGraph	417	Fisher & Paykel Healthcare, Inc.
175	SleepScore Labs	441	Jazz Pharmaceuticals, Inc.
211	Jazz Pharmaceuticals, Inc.	447	Somnoware Healthcare Systems
258	Suven Life Sciences Limited	452	Advanced Brain Monitoring, Inc.
259	Easyform Medical Limited	458	Neurovirtual USA, Inc.
264	Dreem	459	Nihon Kohden America
265	MAX-AIR NOSE CONES / SINUS CONES - SANOSTEC CORP	464	BioSerenity, Inc.
267	Brain Electrophysiology Laboratory Company (BEL)	465	BetterNight
269	Medical Expo Supplies	470	KEGO Corporation
270	Diametos GmbH	471	CTI Clinical Trial and Consulting Services
272	SleepSource Alliance	472	Virtuox, Inc.
276	REMware	473	Doctor Multimedia

476	Cenorin	617	National Heart, Lung, and Blood Institute: The National Center on Sleep Disorders Research
477	The DNA Company		
500	Choice One Medical	619	World Sleep Society
501	Neurotronics, Inc.	621	Portable Outlet
502	Radiometer America	623	PAD A CHEEK, LLC
505	1st Providers Choice- Sleep Medicine Software	625	Persante Health Care
507	AR Medical Technologies Inc.	627	Rhinomed
511	Ognomy	629	SleepImage
513	CleveMed	631	MonitAir, LLC
525	Avadel Pharmaceuticals	641	Sizewise
541	Cadwell Industries, Inc.	643	Wesper
546	Nox Medical	645	RemZzzs / Naturs Design Inc.
554	Eisai Inc.	647	ModoSleep
557	Mvap Medical Supplies, Inc.	651	SleepRes, LLC
559	sovaSage, Inc.	653	BRYGGS Medical
561	Condor Instruments	656	TSI Healthcare
564	Vivos Therapeutics	657	OPTIGEN
565	CGX	658	Board of Registered Polysomnographic Technologists
567	Sleep Multimedia, Inc.	659	AENDUO
569	Mattress Firm	660	Panthera Dental
570	Salimetrics	661	Alaxo Airway Stents
572	Watermark Medical, Inc	664	CareCredit
577	Happiest Baby	665	Bittium Biosignals
600	Narcolepsy Network, Inc.	666	Hypnoscore LLC
602	Contour Products, Inc.	667	Intellewave, Inc
604	Circadian Sleep Disorders Network	668	SOMNOmedics America Inc.
605	Restless Legs Syndrome Foundation	669	Defense Health Agency Civilian Medical Corps
606	American Sleep Apnea Association	671	Sound Pillow home of the Sound Pillow Sleep System aka The Sleep Pillow
607	Wake Up Narcolepsy, Inc.	673	Dedicated Sleep
609	Advocacy Pavilion Information Booth	676	AAST
610	Alliance of Sleep Apnea Partners	677	Piedmont Healthcare
612	The Hypersomnia Foundation		
613	Project Sleep		

EXHIBITOR HALL FLOOR PLAN

by booth number | As of 04/01/2022



sun*rise

Sleep science at the tip of *your chin*

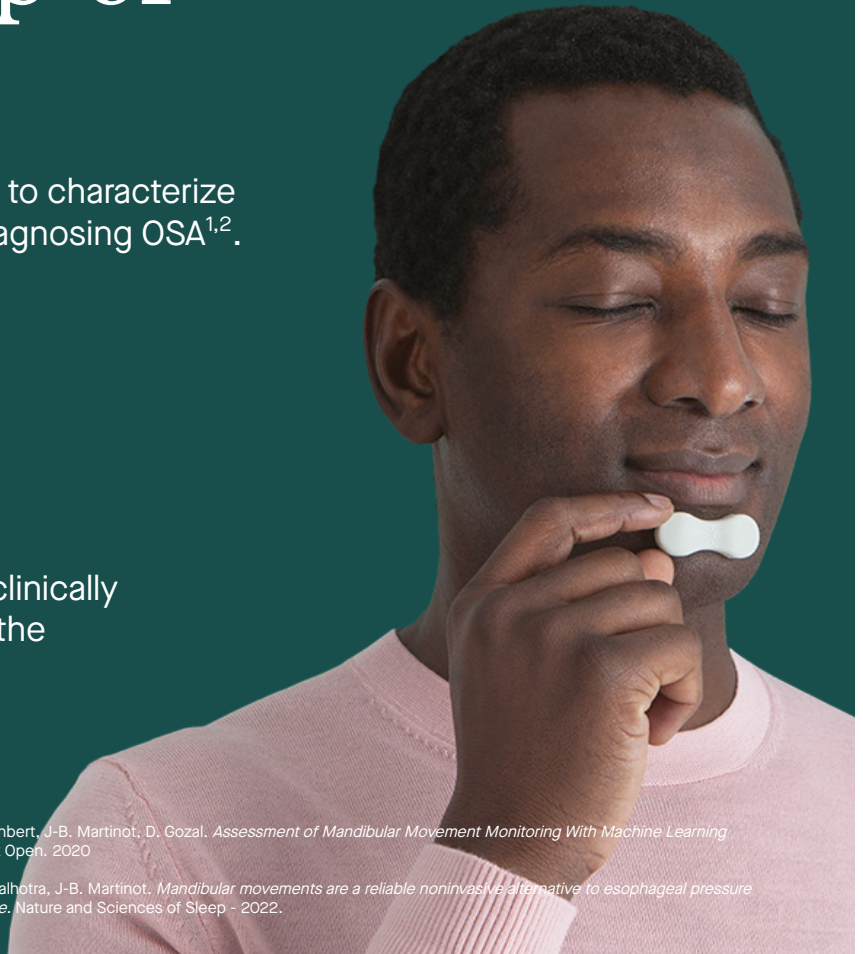
Mandibular movements are able to characterize the major events required for diagnosing OSA^{1,2}.

booth #146

Come visit us to learn how this clinically validated digital solution aids in the detection of OSA and more.

1. J-L. Pépin, C. Letesson, N. Le-Dong, A. Dedave, S. Denison, V. Cuthbert, J-B. Martinot, D. Gozal. *Assessment of Mandibular Movement Monitoring With Machine Learning Analysis for the Diagnosis of Obstructive Sleep Apnea*. *Jama Network Open*. 2020

2. J-L. Pépin, N. Le-Dong, V. Cuthbert, N. Coumans, R. Tamisier, A. Malhotra, J-B. Martinot. *Mandibular movements are a reliable noninvasive alternative to esophageal pressure for measuring respiratory effort in patients with sleep apnea syndrome*. *Nature and Sciences of Sleep* - 2022.



FDA de novo granted



CE marked class 2a

www.hellosunrise.com

* Join the discussion

Mandibular movements are a reliable noninvasive alternative to esophageal pressure for measuring respiratory effort in patients with sleep apnea syndrome.

Oral presentation

Wednesday, June 8, 2022, 3:15 PM

Room: W209ABC

Presented by Atul Malhotra

PhD, MD, Sleep Specialist

EXHIBITOR DESCRIPTIONS

Exhibitor Descriptions (as of 3/24/22)

1st★Providers Choice



1st Providers Choice - Sleep Medicine Software

Booth Number: 505

Chandler, Arizona | 1stproviderschoice.com

(480) 782-1116

IMS is a user-friendly, fully certified sleep medicine specific EMR and practice management solution. Doctors across the country have helped us to customize the software for maximum efficiency and profitability in your practice. Save time with sleep medicine specific templates.

3B Medical, Inc.

Booth Number: 165

AAST

Booth Number: 676

Chicago, Illinois | astweb.org

312-321-5191

AAST is the premier allied health membership association for professionals dedicated to improving the quality of sleep and wakefulness in all people. AAST is committed to promoting and advancing the sleep technologist profession while meeting the professional and educational needs of more than 2,900 members.



ActiGraph

Booth Number: 172

Pensacola, FL

Advanced Brain Monitoring, Inc.

Booth Number: 452

Carlsbad, California | advancedbrainmonitoring.com

(760) 720-0099

Advanced Brain Monitoring is an industry leader in the development of novel diagnostic and treatment technologies for the sleep medicine field. Sleep Profiler is a clinically-validated system for sleep and sleep-disordered breathing in the home/ICU. Night Shift and Apnea Guard are OSA therapies.

Advocacy Pavilion Information Booth

Booth Number: 609

Darien, Illinois | sleepeducation.org

(630) 737-9700

The Advocacy Pavilion Information booth provides information on sleep health advocacy. The Advocacy Pavilion includes member organizations of the Patient Advocacy Roundtable (PAR). The PAR consists of patient organizations supporting and advocating for patients with sleep disorders to advance shared goals and improve awareness, advocacy, education, and patient care.

AENDUO

Booth Number: 659

Rome, Lazio | aenduo.com

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Aenduo provides HealthView - a vendor-independent platform to manage patients at home. Remote monitoring of sleep and respiratory treatments, empowerment, televisit, billing, pulse oximetry, and spirometry. Compatible with all ventilators, interoperable, and customizable. Join us and discover how HealthView helps you to bring better care, operational efficiency, and new revenues.

Corporate Supporters



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Airway Management

Booth Number: 166

Farmers Branch, Texas | tapintosleep.com

(214) 369-0978

The TAP Sleep Care system offers industry-leading snoring and obstructive sleep apnea treatment. Our product suite includes a non-custom oral appliance (myTAP), custom lab-made oral appliances (dreamTAP), nasal pillow masks (myTAP PAP), and a hybrid therapy option combining CPAP and oral appliance therapy. TAP is one of the most researched (45+) oral appliance in the market with best patient outcomes.



Alaxo Airway Stents

Booth Number: 661

Fountain Hills, Arizona | airwaystents.com

(480) 431-6763

Alaxo Airway Stents are an innovative stent-based therapy to support natural nasal breathing and sleep-disordered breathing. The 2" stent is clinically proven to improve nasal breathing. The 6" stent is clinically proven for patients with obstructive sleep apnea or snoring. Our 2" and 3" stents support other QOL issues such as nasal valve and turbinate obstruction, athletic performance, snoring, and rhinitis.

Alliance of Sleep Apnea Partners

Booth Number: 610

Jamaica Plain, Massachusetts | apneapartners.org

(203) 321-5886

The Alliance of Sleep Apnea Partners is a 501c3 nonprofit corporation devoted to patient education, support and advocacy in the field of sleep apnea.

American Sleep Apnea Association

Booth Number: 606

Apria

Booth Number: 142

Rockwell, North Carolina | apria.com

(704) 418-0107

Apria is a leading provider of home healthcare equipment and services across the USA, serving over 2 million patients from our 280 locations. Our services include: sleep apnea treatment, home respiratory therapy, negative pressure wound therapy, and diabetes management. Apria's premium care sleep® program provides patients with the tools and convenience they need to get a better night's sleep.



AR Medical Technologies, Inc.

Booth Number: 507

Burnaby, British Columbia | maskfitar.com

(416) 902-5566

AR Medical Technologies, Inc. is the innovator of MaskFit AR, the world's first mobile app and enterprise platform that connects DME, sleep labs, and online providers with their patients to manage CPAP/BiPAP therapy and accurate mask fitting driven by artificial intelligence and machine learning.



Avadel



Avadel Pharmaceuticals

Booth Number: 525

Chesterfield, Missouri | avadel.com

(636) 449-1830

Avadel is transforming medicines to transform lives by applying innovative solutions to the development of medications that address the challenges patients face with current treatment options. Avadel's current lead drug candidate, FT218, is an investigational formulation of sodium oxybate leveraging its proprietary drug delivery technology and designed to be taken once at bedtime for the treatment of excessive daytime sleepiness or cataplexy in adults with narcolepsy.

Axsome Therapeutics

Booth Number: 277

New York, New York | axsome.com

(212) 332-3241

Axsome is developing therapies for CNS conditions with limited treatment options. By creating treatments with novel mechanisms of action, we are transforming the approach to treating CNS conditions. At Axsome, we are committed to developing therapeutic approaches that meaningfully improve the lives of patients and provide additional options for physicians.

BetterNight

Booth Number: 465

San Diego, California | betternightsolutions.com

(866) 801-9440

BetterNight is a comprehensive virtual-care sleep solution combining a clinically validated sleep assessment with a CBTi solution and a telehealth sleep apnea platform. Results include lower cost of care, superior adherence, improved patient satisfaction, and better health outcomes.

BioSerenity, Inc.

Booth Number: 464

Atlanta, Georgia | us.bioserenity.com

(800) 235-9830

BioSerenity, Inc. is an innovative medical technology company focused on health care as a service. We connect health care providers with their patients anywhere, anytime. Our solutions include direct-to-patient sleep testing programs, sleep center management, and remote neurodiagnostic offerings.

Bittium Biosignals

Booth Number: 665

Oulu, Pohjois-Pohjanmaa | bittium.com/medical

+358 40-344-2000

Bittium Biosignals has over 35 years of experience in measuring and monitoring biosignals in cardiology, neurophysiology, rehabilitation, occupational health, and sports medicine. We offer cutting-edge technology for home sleep apnea testing and monitoring ECG and EEG.

Board of Registered Polysomnographic Technologists

Booth Number: 658

Arlington, Virginia | www.brpt.org

(571) 253-6870

Board of Registered Polysomnographic Technologists (BRPT) Vision Statement: The organization recognized around the world for the highest standards in sleep credentialing, certification and education.

Brain Electrophysiology Laboratory Company (BEL)

Booth Number: 267

Eugene, Oregon | bel.company

(541) 525-9799

The BEL EEG System One with the new geodesic head web crowns a lifetime of innovation and service to the neuroscience community through product development and continuous advances in sleep research. This is not just another geodesic EEG system. It's a geodesic EEG ecosystem, bringing the power and productivity of a neuroinformatics platform to improve workflow, reproducibility, and collaboration.

Brain Vision, LLC

Booth Number: 154

Morrisville, North Carolina | brainvision.com

(919) 460-2510

Brain Vision, LLC offers solutions for neurophysiological research. We specialize in the integration of EEG and PSG with fMRI, fNIRS, TMS, tES and more. Our solutions are great for research on both infants and adults, and we provide various electrode technologies for use with wired and wireless systems.

BRYGGS Medical

Booth Number: 653

Avon, Ohio | bryggsmmedical.com

(216) 870-69 90

BRYGGS Medical is dedicated to designing and manufacturing alternatives to CPAP. Our first product is a reusable EPAP device called the ULTepap™. It produces the same back pressure as the much-studied Provent, and is FDA cleared for the treatment of mild to moderate OSA. BRYGGS also produces a pressure transducer cannula with specially design clips to attach to the ULTepap to detect airflow.

Cadwell Industries, Inc.

Booth Number: 541

Kennewick, Washington | cadwell.com

(509) 735-6481

Streamline your sleep diagnostic testing with Cadwell's integrated Easy III® PSG and ApneaTrak® home sleep apnea test (HSAT), integrated EnsoData AI scoring and HSAT sleep time analysis, and disposable and reusable HSAT kits and PSG supplies. Our mission is to help patients around the world by delivering innovative solutions, improving clinical efficiency, and providing market-leading customer support.

CareCredit

Booth Number: 664

Costa Mesa, California | carecredit.com

(800) 859-9975

CareCredit is a proven payment solution for rising out-of-pocket healthcare costs. The CareCredit healthcare credit card helps patients get the care they want and need, and pay over time*. Practices get paid in two business days, helping you save time, increase cash flow, and reduce A/R. *Subject to credit approval.

Cenorin

Booth Number: 476

Kent, Washington | cenorin.com

(253) 395-2400

Cenorin has been developing technologies that help assure the safe reprocessing of reusable semi-critical and non-critical devices for more than 40 years. Our processes, technologies, and systems have been used by individual hospitals, a variety of medical clinics, and FDA registered third party reproprocessors. Our expertise lies in creating effective products that support sustainability, enhance safety and provide value.

Cerebra

Booth Number: 358

Winnipeg, Manitoba | cerebra.health

(855) 340-5525

Cerebra is putting the "sleep back into sleep medicine", transforming the future of sleep diagnosis through self-applied in-home polysomnography and our patented odds ratio product (ORP). ORP moves beyond conventional scoring by micro analyzing the EEG signal to dig deeper into brain activity during sleep. This provides new insights into mental, physical, and emotional health.

CGX

Booth Number: 565



Choice One Medical™



Choice One Medical

Booth Number: 500

Toronto, Ontario | choiceonemedical.com

(888) 400-8987

Choice One Medical is a manufacturer and distributor that strives to provide the highest quality medical products following the latest innovations and modern designs. Now operating across North America, Australia, and Europe to bring our brands closer to our customers. Our brands are: Medistrom™ - Backup Power Supply & Travel Battery Best in Rest™ - Luxurious Pillows PURDOUX™ - CPAP Cleaning Aids.

Circadian Sleep Disorders Network

Booth Number: 604

CleveMed

Booth Number: 513

Cleveland, Ohio | clevemed.com

(216) 791-6720

CleveMed is a fast growing manufacturer of SleepView™ sleep testing equipment, and supplier of SleepViewSM Direct ship services that facilitate care coordination between ordering physicians and sleep specialists, improving care delivery. CleveMed is expanding the reach of sleep medicine by speeding diagnosis for providers, reducing healthcare costs for payers, and improving patients' experience.

Compumedics

Booth Number: 411

Charlotte, North Carolina | compumedics.com.au/en/

(877) 717-3975

Compumedics, established in 1987, is a global leader in the design and manufacture of innovative diagnostic technologies for sleep disorders, neurology, and cardiology. By defining life's signals, our technology turns vast amounts of data into valuable information that leads to a more accurate diagnosis and consequently more effective therapy for some of the most serious health conditions.

Condor Instruments

Booth Number: 561

Sao Paulo, Brazil | condorinst.com

+5-511-21-296-662

Condor Instruments manufacture and sells high end actigraphy devices focused in sleep and circadian monitoring. In conjunction with a newly developed digital sleep diary and a melanopic light sensor, the company provides a complete solution for both clinics and researchers.

Contour Products, Inc.

Booth Number: 602

Charlotte, North Carolina | contourproducts.com

(704) 944-2816

Contour Products is all about helping you help your patients feel better! We bring you a complete range of products specifically designed for CPAP Users to provide therapeutic support, encourage proper posture, and the ultimate comfort. Our products make CPAP easier.

CTI Clinical Trial and Consulting Services

Booth Number: 471

Covington, Kentucky | ctifacts.com

(513) 598-9290

The CTI Clinical Research Center is a state-of-the-art clinical research site. With a fully-configurable bed layout, a dedicated recruiting team, a 98% average subject retention rate for sleep related trials, and a history of 4 FDA audits with zero 483s, the CTC CRC is able to support our sponsors run efficient, high-quality sleep research studies.

Dedicated Sleep

Booth Number: 673

Estacada, Oregon | dedicatedsleep.net

(310) 383-1029

Dedicated Sleep is a nationwide specialty medical group with proprietary protocols and procedures, medical directors, software, and in-network contracts with the major insurance companies that help dentists who treat obstructive sleep apnea & TMD. Our contracted dental offices see higher and more consistent in-network insurance reimbursements by being subcontracted rendering providers in our group.

Defense Health Agency Civilian Medical Corps

Booth Number: 669

Diametos GmbH

Booth Number: 270

Doctor Multimedia

Booth Number: 473

La Jolla, California | doctormultimedia.com

(800) 679-3309

We are experts in website design and marketing for the medical industry. We provide doctors with internet solutions and marketing techniques that turn the web into an advantage for their practices. We focus our website design and marketing efforts solely on the medical industry, and as a result, we have developed proven campaigns that improve your patient's experience.

The logo for Dreem, featuring the word "dreem" in a lowercase, rounded, pink font, followed by a stylized pink EEG waveform.

Dreem

Booth Number: 264

Paris, Ile-de-France | dreem.com

(068) 406-5842

Dreem is a digital sleep clinic on a mission to improve health at scale. Our dry-EEG headband and data analytics enable researchers to do at-home multi-night studies with similar performances than a PSG for signal acquisition and automatic sleep staging (Arnal et al, 2020 SLEEP). Today 320 research centres and 10+ pharma companies use Dreem in sleep (narcolepsy, insomnia) and other areas (AD, PD).

Dymedix Diagnostics, Inc.

Booth Number: 371

Shoreview, Minnesota | dymedix.com

(888) 212-1100

Dymedix Diagnostics offers disposable and reusable sleep diagnostic sensors for neonate, pediatric, and adult patients. We are pleased to introduce the CompletePlus Disposable PSG Setup Kit at SLEEP 2022! CompletePlus is a disposable kit containing all required sensors for a single patient PSG test.

Easyform Medical Limited

Booth Number: 259

Dongguan, Guangdong | easyform-medical.com

(614) 726-1998

We can realize cross-industry technical processes, realize multi-material product applications, and deliver total manufacturing solutions and services. We manufacture products ranged from headgears for respiratory mask, straps for breath monitor device, seamless-bonding smart wears, soft goods for wearable devices, and so on.



Eisai, Inc.

Booth Number: 554

Nutley, New Jersey | us.eisai.com

(201) 692-1100

As the U.S. pharmaceutical subsidiary of Tokyo-based Eisai Co., Ltd., we are a fully integrated pharmaceutical business with discovery, clinical, and marketing capabilities. Our key areas of focus include oncology and neurology (dementia-related diseases and neurodegenerative diseases).

Elsevier, Inc.

Booth Number: 401

Philadelphia, Pennsylvania | elsevier.com

(215) 239-3900

Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care.



EnsoData

Booth Number: 135

Madison, Wisconsin | ensodata.com

(608) 509-4704

EnsoData is a waveform AI healthcare technology company that performs complex and time-consuming data interpretation and analysis. Our FDA cleared, AI-assisted sleep scoring solution, EnsoSleep, automates the scoring of studies and reduces the time RPSGTs spend scoring. This time savings provides clinicians with opportunities to expand patient care, improve outcomes and treat more patients.



Fisher & Paykel Healthcare, Inc.

Booth Number: 417

Irvine, California | fphcare.com/us/products/homecare-products

(800) 446-3908

Fisher & Paykel Healthcare is a leading designer, manufacturer, and marketer of products and systems for use in respiratory care, acute care, and the treatment of obstructive sleep apnea. Fisher & Paykel products and systems are sold in more than 120 countries worldwide. Fisher & Paykel CPAP masks with dynamic support technology deliver consistent sealing performance, while being extremely comfortable for patients. F&P Evora, F&P Vitera, F&P Simplus, F&P Eson 2, and F&P Brevida are the leading Fisher & Paykel masks, trusted by sleep physicians and RTs and used by millions of patients all over the world.



General Sleep Corporation

Booth Number: 365

Cleveland, Ohio | generalsleep.com

(888) 330-4424

General Sleep Corporation is dedicated to providing clinicians and researchers with products and services that allow them to achieve maximum effectiveness in the diagnosis and study of sleep disorders.

Happiest Baby

Booth Number: 577

Los Angeles, California



Harmony Biosciences

Booth Number: 125

Plymouth Meeting, Pennsylvania | harmonybiosciences.com

(484) 539-9800

Harmony Biosciences is a commercial-stage pharmaceutical company headquartered in Plymouth Meeting, PA. The company was established in October 2017 and is focused on providing novel treatment options for people living with rare neurological diseases who have unmet medical needs.

HoneyNaps Co., Ltd.

Booth Number: 150

Seoul, Seoul-t'ukpyolsi | honeynaps.com

+82 70-8872-0134

HoneyNaps is working on essential technologies for AI-based sleep disease diagnosis software 'SOMNUM', sleep bio-signal monitoring device 'SONUM SCANNING', and sleep digital therapeutics (CBTi) 'SOMNUM Medella'.

Hypnoscore, LLC

Booth Number: 666

Millcreek, Utah | hypnoscore.com

(801) 463-0188

Hypnoscore offers software solutions for improving sleep clinic performance by providing a platform for tracking adherence to sleep apnea therapies that can be integrated into care of patients. Customizability and application of remote tracking of sleep data through our platform improves outcomes of patients. Our software enables the billing for remote patient monitoring.



Idorsia Pharmaceuticals US, Inc

Booth Number: 325

Radnor, Pennsylvania | idorsia.us/index

(888) 971-7050

Based outside of Philadelphia, PA, one of densest communities of life sciences talent in the world, we are helping to realize the company's ambition of bringing innovative medicines from bench to bedside. Our goal is to build a commercial footprint that will deliver Idorsia's deep pipeline of products from its R&D engine to the US market – with the potential to change the lives of many patients.



Inspire Medical Systems

Booth Number: 317

Golden Valley, Minnesota | professionals.inspiresleep.com

(844) 672-6720

Inspire Medical Systems offers an obstructive sleep apnea treatment for those unable to use CPAP. The Inspire system is implanted during an outpatient procedure and uses mild stimulation to keep the airway open during sleep. The therapy has broad commercial and Medicare coverage, with over 600 clinics managing 20,000+ patients. Inspire has proven sustained results and 91% patient satisfaction.

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Intellewave, Inc

Booth Number: 667



Jazz Pharmaceuticals

Jazz Pharmaceuticals, Inc.

Booth Number: 211

Palo Alto, California | jazzpharma.com

(215) 867-4948

Jazz Pharmaceuticals plc (NASDAQ: JAZZ) is a global biopharmaceutical company whose purpose is to innovate to transform the lives of patients and their families. We are dedicated to developing life-changing medicines for people with serious diseases—often with limited or no therapeutic options. We have a diverse portfolio of marketed medicines and novel product candidates, from early- to late-stage development, in neuroscience and oncology. We are a leader in sleep disorders and epilepsy; further developing in movement disorders and PTSD; and focused on hematologic malignancies and solid tumors. Within these therapeutic areas, we are identifying new options for patients by actively exploring small molecules, biologics, innovative delivery technologies and cannabinoid science. Jazz is headquartered in Dublin, Ireland and has employees around the globe, serving patients in nearly 75 countries.



Jazz Pharmaceuticals

Jazz Pharmaceuticals, Inc.

Booth Number: 441

Palo Alto, California | jazzpharmaceuticals.com

(215) 867-4948

Jazz Pharmaceuticals plc (NASDAQ: JAZZ) is a global biopharmaceutical company whose purpose is to innovate to transform the lives of patients and their families. We are dedicated to developing life-changing medicines for people with serious diseases—often with limited or no therapeutic options.

KEGO Corporation

Booth Number: 470

Louisville, Kentucky | kegocorp.com

(519) 649-4198

KEGO Corporation is a distributor of medical equipment and supplies, specializing in products relevant to respiratory, sleep, and neurodiagnostics. KEGO provides high-quality products to homecare dealers, hospitals, pharmacies and diagnostic labs from its warehouses located in Canada (London, ON) and USA (Louisville, KY). KEGO is proud to be ISO 13485 certified and maintains MDSAP certification.

Koko Labs

Booth Number: 368

Palo Alto, California | meetkoko.com

(415) 831-7632

Tackling the most pressing sleep challenges by combining next generation sensing technology with the power of sleep science.

Lucimed

Booth Number: 364

Bierges, Brabant Wallon | myluminette.com

(800) 390-5913

Our mission is to help those peoples, around the world, who are deprived of Sunlight, regain their “joie de vivre” – we do this by innovation in the science and art of creating artificial light.

Mattress Firm

Booth Number: 569

MAX-AIR NOSE CONES / SINUS CONES - SANOSTEC CORP

Booth Number: 265

Beverly Farms, Massachusetts | maxairnosecones.com

(800) 797-0361

Max-Air Nose Cones® | Sinus Cones® are uniquely, soft and ergonomically shaped, internal nasal airway relief aids that optimize nasal breathing and maximize nasal airflow by gently supporting and opening the nasal airway. With three different product options, your patients can now select the perfect nasal airway device for more comfortable and effective nasal airway management when used in combination with OAT for sleep and snoring relief. Visit us online to view the entire line. Receive a virtual training session with the purchase of a sleep physician's sample pack or dispensing starter pack.



MedBridge Healthcare, LLC

Booth Number: 140

Greenville, South Carolina | medbridgehealthcare.com

(866) 527-5970

MedBridge Healthcare, LLC is a leading provider of sleep laboratory management services and home sleep apnea testing. We partner with hospitals, healthcare systems, and medical academic institutions to offer comprehensive, fully integrated services for patients with sleep disorders.

Medical Expo Supplies

Booth Number: 269

San Jose, California | medicaexpo.com

(408) 767-7373

Medical Expo Supplies offers an array of transcranial magnetic stimulation (TMS) devices for sleep disorders and multiple disorders associated insomnia. TMS is designed to reactivate the brain and encourages the body's own natural recovery process.

Merck & Co., Inc.

Booth Number: 300

Kenilworth, New Jersey | merck.com

(908) 740-4000

For more than a century, Merck has been inventing for life, bringing forward medicines and vaccines for many of the world's most challenging diseases. Today, Merck continues to be at the forefront of research to deliver innovative health solutions and advance the prevention and treatment of diseases that threaten people and animals around the world.

ModoSleep

Booth Number: 647

Nashville, Tennessee | modosleep.com

(954) 817-0221

ModoSleep is an EMR + practice management platform for sleep and pulmonary specialists, developed in partnership with a leading sleep medicine practice. Streamlined workflows, improved patient experience, new revenue streams, and reduced administrative burden. Key features: smart charting, RPM data for PAPs directly into patient records, intelligent (pre)authorizations, and in-house DME & resupply.

MonitAir, LLC

Booth Number: 631

Miami, Florida | monitairhealth.com

(305) 874-0086

MonitAir is an all-in-one, HIPAA-compliant FDA registered medical device data system (MDDS) combining remote data monitoring and telemedicine features to help you improve patient outcomes while increasing provider and patient engagement. It was designed by doctors for doctors who manage patients on PAP/NIV for chronic sleep and respiratory conditions.

MVAP Medical Supplies, Inc.

Booth Number: 557

Thousand Oaks, California | mvapmed.com

(877) 735-6827

MVAP prides itself on being a one stop shop company for all your sleep, EEG, respiratory, cardiology, EMG, and more needs. Please visit our booth where we will have sample giveaways and our brand new 2022-2023 supply catalog to give out.

Narcolepsy Network, Inc.

Booth Number: 600

Lynnwood, Washington | narcolepsynetwork.org

(401) 667-2523

Narcolepsy Network is a 501(c)(3), member-led community organization based in the US that works to educate, empower, and connect people impacted by narcolepsy. Through the lens of advocacy, education, awareness, and support, Narcolepsy Network delivers programs and resources in the form of clinical updates and research, webinars, support groups, advocacy opportunities, and an annual conference.

National Heart, Lung, and Blood Institute: The National Center on Sleep Disorders Research

Booth Number: 617

Bethesda, Maryland | nhlbi.nih.gov

(301) 592-8573

The National Center on Sleep Disorders Research (NCSDR) supports research and research training related to sleep disordered breathing, and the fundamental functions of sleep and circadian rhythms. The Center stewards several forums that facilitate the coordination of sleep research across NIH. NCSDR participates in the translation of new sleep research findings for dissemination to the public.

Neurotronics, Inc.

Booth Number: 501

Gainesville, Florida | shop.neurotronics.com

(888) 308-2003

Neurotronics Sensors are designed, tested, and produced in-house. Our engineering and management teams have decades of experience in sleep diagnostic equipment and software. Through years of direct customer feedback, we realized there was a need for high-quality, dependable sensors that produce accurate signals -- all night, every night.

Neurovirtual USA, Inc.

Booth Number: 458

Fort Lauderdale, Florida | neurovirtual.com

(877) 638-7640

Neurovirtual PSG products are proudly made in the United States, with headquarters in Fort Lauderdale Florida, from which we provide 24/7 technical support to all of our customers. We offer free software upgrades, unique software customization, and unlimited report templates. We pride ourselves in our business model, keeping your sleep lab ahead of the curve and under budget.

Nihon Kohden America

Booth Number: 459

Irvine, California | us.nihonkohden.com

(949) 580-1555

Nihon Kohden is a leading global manufacturer, developer, and distributor in precision medical products and services. We exist to empower clinicians with continuous data and intelligent devices that accompany patients every step of the way. We lead with research, leveraging our 70-year clinical heritage to set the bar high with industry-changing innovations for experts by experts.



Nox Medical

Booth Number: 546

Suwanee, Georgia | noxmedical.com

(844) 475-3376

Nox Medical is a global leader in the sleep diagnostic technology space. The company provides sleep specialists with patient-friendly diagnostic devices and robust, reliable data collection. With easy-to-use medical device technology, Nox Medical eliminates common diagnostic pain points by prioritizing patient comfort and reliability of results.



Ognomy

Booth Number: 511

Buffalo, New York

info.ognomy.com/sleepdoctors

(877) 664-6669

Ognomy is a complete sleep apnea care solution connecting patients and sleep doctors in the comfort of home. Patients can get a virtual consultation, take a home sleep apnea test, and start their journey to better sleep and health in no time at all.

Onera Health

Booth Number: 168

Eindhoven, Netherlands | onerahealth.com

+31 (0)40 308-2177

Onera Health is a leader in transforming sleep medicine and remote monitoring. Their breakthrough diagnostic and monitoring solutions are poised to help millions of people struggling with sleep-related ailments. Onera has offices in the Netherlands and the US.

Optigen, Inc.

Booth Number: 657

Jacksonville, Florida | militarycpap.com

(781) 290-6457

MilitaryCPAP.com is operated by Optigen, Inc., the nation's leading provider of sleep therapy supplies to the military and their families. We started as a small business in Jacksonville Beach, Florida over 11 years ago, with a focus on servicing our military members with their sleep disorders and breathing therapy needs. We are a national provider of TRICARE, Medicare and most major insurances.

PAD A CHEEK, LLC

Booth Number: 623

Standardsville, Virginia | padacheek.com

(434) 985-4003

Helping patients with sleep apnea sleep more comfortably and increase CPAP compliance is our mission. We have received feedback from actual patients with sleep apnea to design unique solutions for their specific issues. Since 2004, PAD A CHEEK has designed over 70 products to increase comfort and protect faces. We listen, we care, and we can help. We would love the chance to help you help your patients too.

PainPod USA

Booth Number: 366

Monson, Massachusetts | painpodusa.com

(413) 237-7768

FDA cleared TENS/EMS device. Also helps with improving blood flow, energy, mental focus, and sleep quality.

Panthera Dental

Booth Number: 660

Quebec, Canada | pantherasleep.com

(418) 527-0388

Panthera Dental is committed to design and manufacture state-of-the-art products using proprietary CAD/CAM processes, smart manufacturing, and superior quality materials to provide the highest quality outcomes through their highly skilled and dedicated employees, to deliver peerless solutions to dental, medical, and sleep professionals who strive to improve patients' quality of life worldwide.

Parachute Health

Booth Number: 164



Pear Therapeutics

Booth Number: 171

Boston, Massachusetts | peartherapeutics.com

(617) 755-5975

Pear Therapeutics is a leader in prescription digital therapeutics (PDT). PDTs are designed to directly treat disease, tested for safety and efficacy in randomized trials, evaluated by the FDA, and prescribed by HCPs.

Persante Health Care

Booth Number: 625

Mt. Laurel, New Jersey | persante.com

(856) 316-1206

Persante Health Care is a national provider of sleep and balance center management services to hospitals, physicians, employers, and transportation. Persante's expertise in sleep and balance related disorders dates back almost 20 years under the names of Sleep Care Centers, Sleep Tech, Mid-Atlantic School of Sleep Medicine and Blackwood Medical.



Philips

Booth Number: 341

Cambridge, Massachusetts
usa.philips.com/healthcare/solutions/sleep

(800) 228-4728

Philips is a leading health technology company focused on improving people's lives across the health continuum – from healthy living and prevention, to diagnosis, treatment, and home care. Applying advanced technologies and deep clinical and consumer insights, Philips delivers integrated solutions that address the Quadruple Aim: improved patient experience, better health outcomes, improved staff experience, and lower cost of care. Partnering with its customers, Philips seeks to transform how healthcare is delivered and experienced. The company is a leader in diagnostic imaging, image-guided therapy, patient monitoring and health informatics, as well as in consumer health and home care.

Piedmont Healthcare

Booth Number: 677

Portable Outlet

Booth Number: 621

Alpharetta, Georgia | portableoutlet.com

(470) 262-1729

We manufacture the only CPAP battery on the market with both uninterruptible power supply (back-up/passthrough functionality) and pure sine wave technology for longer battery life.

Project Sleep

Booth Number: 613

Los Angeles, California | project-sleep.com

(323) 577-8923

Project Sleep is a 501(c)(3) non-profit organization dedicated to raising awareness about sleep health and sleep disorders. Believing in the value of sleep, Project Sleep aims to improve public health by educating individuals about the importance of sleep health and sleep disorders, with events, campaigns, and programs that bring people together to talk about sleep as a pillar of health.

ProSomnus Sleep Technologies

Booth Number: 400

Pleasanton, California | prosomnus.com

(844) 537-5337

ProSomnus is a leader in precision oral appliance devices for obstructive sleep apnea. 96% of patients prefer ProSomnus devices, citing comfort and resolution of complaints (IRB, 2021). Biomechanically engineered, studies associate ProSomnus devices with excellent efficacy, adherence, and mitigation of side effects.

Radiometer America

Booth Number: 502

Brea, California | radiometeramerica.com

(800) 736-0600

Radiometer provides a complete range of transcutaneous monitoring systems, which cover parameters such as tcpO₂, tcpCO₂ as well as Masimo SET® SpO₂ and pulse rate. Radiometer's transcutaneous monitoring systems are specially designed for neonatal intensive care units, intensive care units and sleep diagnostics.

REMware

Booth Number: 276

Tampa, Florida | remware.io

(813) 364-2670

Quickly increase revenue, operate more efficiently and improve patient care. HSAT with DreamClear, to simplify the entire process, referral-to-scoring. Focus on sales not logistics! All-in-one platform through REMmanager, to automate back-office operations. Save up to 50% on overhead.



RemZzzs / Naturs Design Inc.

Booth Number: 645

Jackson, Michigan | RemZzzs.com

(616) 293-7962

Naturs Design, Inc. is the creator of the patented RemZzzs® CPAP mask liner. RemZzzs® is made in the USA of 100% cotton, creating a lightweight, breathable liner that is hypoallergenic, convenient, and disposable. RemZzzs® acts as a barrier between the face and mask cushion, while minimizing noisy air leaks, skin irritation and pressure marks. RemZzzs® promotes a comfortable night's sleep!



ResMed

Booth Number: 117

San Diego, California | resmed.com

(800) 424-0737

At ResMed we pioneer innovative solutions that treat and keep people out of the hospital, empowering them to live healthier, higher-quality lives. Our digital health technologies and cloud-connected medical devices transform care for people with sleep apnea, COPD, and other chronic diseases.

Restless Legs Syndrome Foundation

Booth Number: 605

Austin, Texas | rls.org

(512) 366-9109

RLS Foundation provides support, programs, and services to educate people of all ages (youth, adults and elderly) how to better manage their RLS. We offer webinars, educational materials, and virtual and in-person support group meetings. RLS Foundation provides healthcare providers with an RLS Medical Bulletin, online education and patient literature enabling them to properly diagnose and treat RLS.

Rhinomed

Booth Number: 627

New York, New York | mutesnoring.com

(203) 940-1626

You want to breathe more, snore less, and sleep better. That's why we created Mute by Rhinomed. When you can breathe freely and easily through your nose, you sleep better — and this may have an impact on your long-term health. If congestion, blockages, a deviated septum, or narrow airways are impacting your ability to breathe through your nose, causing you to snore.

Salimetrics, LLC

Booth Number: 570

Carlsbad, California | salimetrics.com

(800) 790-2258

Salimetrics' assay kits and CLIA-certified testing services measure salivary analytes related to sleep, stress, behavior and development, inflammation, reproduction, health, and immune function. Salimetrics supports CROs, pharmaceuticals, academic researchers, and the immunodiagnostic industry with innovative immunoassay products, non-invasive saliva collection methods, and testing services.

sentec.



Sentec, Inc.

Booth Number: 152

Lincoln, Rhode Island | sentec.com

(877) 425-8746

Sentec transcutaneous monitoring technology overcomes limits of SpO2, blood gases, and capnography with continuous CO2 monitoring that combines ease-of-use and patient comfort with accurate values regardless of ventilation method or V/Q mismatch. Sleep care features like temporary sensor disconnection, a fully dimmable display, and reporting connectivity allow a better night's sleep for patients with minimal hassle for clinicians.



Signifier
MEDICAL TECHNOLOGIES



Signifier Medical Technologies

Booth Number: 359

Needham, Massachusetts | exciteosa.com

(860) 918-7264

Signifier Medical Technologies was founded in 2018, our clinically proven, FDA authorized, daytime therapy helps to target the root cause of mild OSA and primary snoring. eXciteOSA® uses neuromuscular electrical stimulation (NMES) for the improvement of muscle endurance while training your tongue and upper airway muscles, leading to a reduction in sleep apnea and snoring measures.



Sizewise

Booth Number: 641

Lenexa, Kansas | sizewise.com/sleep

(800) 814-9389

Instant Comfort® 6 and 8 Series sleep lab beds are air-adjustable number beds with 45 levels of soft/firm comfort settings. The medical-grade, wipe-down top cover makes it easy to clean and disinfect for improved infection control. Combine with one of our base options, depending on facility needs or requirements, and you have optimal patient comfort—and better sleep.

Sleep Multimedia, Inc.

Booth Number: 567

Scarsdale, New York | sleepmultimedia.com

(914) 722-9291

20% Discount on Sleep Multimedia, a computerized textbook of sleep medicine with text, audio, graphics, animation, and video; suitable for sleep specialists, dentists, trainees, technicians, and researchers. References, abstracts and 140 CME credits on sleep medicine, physiology, and polysomnography.



SleepGlad

Booth Number: 160

Columbia, Tennessee | sleepglad.com

(931) 398-2422

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SleepImage

Booth Number: 629

Denver, Colorado | sleepimage.com

(313) 575-2280

SleepImage is an FDA cleared device to diagnose sleep apnea and manage sleep disorders like insomnia and sleep apnea (obstructive and central). Clinical accuracy of the gold standard PSG and can be used for multi-night testing. Has been approved for billing code 95800 through Medicare and major commercial medical insurance. Featured in over 90 peer reviewed articles and is FDA cleared for both children and adults.



RESPIRATORY RESOURCES



SleepRes, LLC

Booth Number: 651

Murfreesboro, Tennessee | sleepres.com

(615) 613-5890

SleepRes provides sleep and respiratory resources to patients, providers, device manufacturers, and medical equipment companies. Our flagship product is the Vcom, which provides inspiratory flow comfort to patients on PAP.

SleepScore Labs

Booth Number: 175

SleepSource Alliance

Booth Number: 272

Greenland, New Hampshire | sleepsource.us

(603) 731-0356

Titratable solutions for snoring and obstructive sleep apnea - AIRLIFT Hyoid Suspension & SomnoGuard Oral Appliances.



Snugz Mask liners

Booth Number: 301

Calverton, Maryland | sleepsnugz.com

(240) 790-0598

Introducing Snugz, a cool new partner in the bedroom. Snugz Mask Liners for CPAP Machines are machine washable, one-size-fits-most liners designed for either full-face or nasal CPAP masks. They help reduce noisy leaks, prevent redness and irritation, and feel great against your skin. If you suffer from sleep apnea, you're going to love them.

Somnics Health, Inc.

Booth Number: 159

Redwood City, California | inapsleep.online

(833) 766-6427

Our mission- to satisfy the unmet needs of patients and physicians. Targeting deficiencies of other OSA therapies, we provide patient-centered and user-friendly solutions for comfort and restful sleep. Our vision- to provide patients with simple, comfortable and discreet ways to treat OSA and allow more patients with OSA to breathe naturally wherever they may sleep. Our device is called INAP.

SomnoMed

Booth Number: 405

Plano, Texas | somnomed.com

(888) 447-6673

SomnoMed is the global leader in oral appliance therapy (OAT) devices for the treatment of mild-to-moderate obstructive sleep apnea. Each custom-made device, like the SomnoDent® Avant™, is designed for First Time Fit™ with patient comfort and therapy effectiveness as the priority. We strive with the dental and healthcare communities to support 100% therapy adherence in OSA treatment.

SOMNOmedics America Inc.

Booth Number: 668

Coral Gables, Florida | somnomedics.com

(866) 361-9937

SOMNOmedics sets new standards in innovative and mobile diagnostic solutions for PSG, PG, actigraphy and home sleep apnea tests (HSAT) since its foundation 25 years ago. SOMNOmedics has always been ahead of the growing HSAT trend with all of our devices being some of the smallest and lightest on the market. For full mobility, our devices are patient-worn and offer easy hook up. We provide 24/7 support.

somnoware

Somnoware Healthcare Systems

Booth Number: 447

Sunnyvale, California | somnoware.com

(888) 998-0098

Somnoware is a platform as a service solution for enhanced respiratory care management. The platform orchestrates data flow between disparate medical devices, unifies datasets within a single platform, and delivers high-impact analytics. Our solution enables screening, faster diagnosis, proactive intervention, and automated patient engagement, resulting in improved treatment outcomes.

Sound Pillow® Sleep System

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Sound Pillow

Booth Number: 671

San Antonio, Texas | soundpillow.com

(877) 846-6488

Sound Pillow has helped our nation's veterans achieve natural-pharmaceutical free sleep for 25+ years whether their sleep disturbances are caused by PTSD, racing mind, anxiety, tinnitus, etc. With great sounding stereo speakers buried deep within a plush pillow and our proprietary content pre-loaded on an easy-to-use MP4 player, Sound Pillow creates an ultra relaxing-intimate listening experience.

SovaSage, Inc.

Booth Number: 559

sun*rise



Sunrise

Booth Number: 146

Namur, Belgium | us.hellosunrise.com

+32 81-26-11-26

Sunrise is a medical technology company focused on the development and commercialization of non-invasive medical devices to aid in the diagnosis of sleep-disordered breathing. Its first device is a 3-gram sensor that sits on the chin to diagnose obstructive sleep apnea. This innovative technology is based on more than ten years of research on the role and diagnostic capability of mandibular movements (MM) during sleep. The technology detects respiratory events through the analysis of the respiratory drive, which is reflected in the contractions of the upper airway muscles and the corresponding MM. The use of this new biosignal coupled with AI has been extensively studied and clinically validated against PSG to provide key indices for SDB diagnosis. It is a fully disposable, and easy-to-use device that communicates with a mobile application. The data collected is processed online for the HCP the same morning. Sunrise's device is CE marked, FDA cleared, and available for clinical use.

Suven Life Sciences Limited

Booth Number: 258

Hyderabad, Telangana | suven.com

(91-40-23-556-038)

Samelisant (SUVN-G3031) is a best-in-class and well differentiated Histamine H3 receptor inverse agonist for potential treatment of excessive daytime sleepiness in narcolepsy (Type 1 and Type 2) as a monotherapy. In animals, Samelisant showed robust wake promoting effects, excellent safety profile, and no propensity to induce abuse liability. Recruiting patients in US and Canada for Phase-2 study.



Takeda Pharmaceuticals

Booth Number: 351

Lexington, Massachusetts | takeda.com

(877) 825-3327

Takeda Neuroscience is driven by the unmet needs of patients with rare neurological diseases. Our mission is to bring innovative and potentially disease-modifying medicines to these patients. To deliver on this mission, our approach leverages advances in molecularly and genetically defined targets, biomarkers, and targeted modalities. VV-MEDMAT-64463. 03/2022.

The DNA Company

Booth Number: 477

Mississauga, Ontario | thednacompany.com

(866) 821-1010

After a clinical analysis on 6,000+ executives, professional athletes, Olympians, and elite military, the DNA Company has developed the a comprehensive DNA test. Our approach, which we call genetic expression management, turns the insights in your genome into practical, tactical instructions. Trusted by leading biohackers such as Dave Asprey, The DNA Company helps you unlock your genome.

The Hypersomnia Foundation

Booth Number: 612

Atlanta, Georgia | hypersomniafoundation.org

(678) 842-3512

The Hypersomnia Foundation is a nonprofit 501(c)(3) supporting research and raising awareness of idiopathic hypersomnia & related sleep disorders. Visit our website to join our international provider directory, view our research award program, patient registry, and much more.

TSI Healthcare

Booth Number: 656

Chapel Hill, North Carolina | tsihealthcare.com/pulmonary

(800) 354-4205

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Vanda Pharmaceuticals Inc.

Booth Number: 141

Washington, District of Columbia | vandapharma.com

(202) 734-3400

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Virtuox, Inc.

Booth Number: 472

Coral Springs, Florida

Vivos Therapeutics, Inc.

Booth Number: 564

Highlands Ranch, Colorado | vivos.com

(866) 908-4867

Vivos Therapeutics, Inc. (NASDAQ: VVOS) is a medical technology company focused on developing and commercializing innovative treatments for patients suffering from sleep-disordered breathing, including obstructive sleep apnea.

Wake Up Narcolepsy, Inc.

Booth Number: 607

Worcester, Massachusetts | wakeupnarcolepsy.org

(508) 259-1100

Wake Up Narcolepsy (WUN) is a 501(c)(3) not for profit organization that seeks to accelerate narcolepsy research, raise awareness of narcolepsy, and provide supportive services. We work with patients, caregivers, clinicians, researchers, and educators to facilitate understanding through conferences, webinars, online support groups, awareness campaigns, and fundraisers.

Watermark Medical, Inc.

Booth Number: 572

West Palm Beach, Florida | watermarkmedical.com

(407) 620-6257

Watermark Medical is a leading manufacturer and service provider for at home sleep apnea testing (HSAT). We partner with medical practices to help screen, test, and diagnose patients at risk for obstructive sleep apnea. We are a market leader having performed over 1.5 million studies on our platform. Visit us to learn more about our next generation ARES 620 and why it is the best choice for HSAT.

Weaver and Company

Booth Number: 158

Aurora, Colorado | weaverandcompany.com

(800) 525-2130

Weaver and Company, the manufacturer of Nuprep® Skin Prep Gel and Ten20® Conductive Paste was founded in Colorado, and now our products can be found in over 75 countries around the world. Nuprep lowers impedance to improve tracings. Ten20 allows electrodes to remain in place while allowing transmittance of electrical signals.

Wesper

Booth Number: 643

New York, New York | shop.wesper.co

(575) 448-2824

Wesper's sleep improvement platform allows you tackle poor sleep with expert guidance. Whether you're exploring your sleep symptoms or want to monitor your sleep, high quality sleep data and sleep specialists are now at your fingertips. A sleep improvement platform that takes care of your sleep health from start to end. Get better sleep - for good.

World Sleep Society

Booth Number: 619

Rochester, Minnesota | worldsleepsociety.org

(507) 316-0084

World Sleep Society is a nonprofit membership-based organization representing sleep professionals with programs focusing on awareness and education. Led by volunteers from around the world, we fulfill our mission to advance sleep health by encouraging education, research, and patient care, especially in regions where sleep medicine is less developed.



ZOLL Itamar

Booth Number: 151

Atlanta, Georgia | itamar-medical.com

(888) 748-2627

ZOLL Itamar is a medical technology company focused on the development and commercialization of non-invasive medical devices to aid in the diagnosis of respiratory sleep disorders. We have commercialized a digital healthcare platform to facilitate the continuum of care for effective sleep apnea management. Our WatchPAT® family of products which utilize the PAT® signal, are designed for a simple sleep apnea test experience which can be easily conducted in the comfort of patients' home with accurate and reliable results.

Zopec Medical, LLC

Booth Number: 375

Blaine, Minnesota | zopec.com

(612) 964-2081

Zopec Medical is an emerging leader in respiratory medical devices, power solutions, and connected care. We are a full service distributor and repair center of CPAP, BiPap, and AVAPS machines. We manufacture UPS Batteries for HFNC, CPAP/BiPap/AVAPS/ASV machines and more. Our mission is to provide innovative, safe, and effective medical products to improve people's health and quality of life.

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*Xu, L., Han, F., Keenan, B. T., Kneeland-Szanto, E., Yan, H., Dong, X., ... Kuna, S. T. (2017). Validation of the Nox-T3 portable monitor for diagnosis of obstructive sleep apnea in Chinese adults. Journal of Clinical Sleep Medicine, 13(5), 675-683. <https://doi.org/10.5664/jcsm.6582>

www.noxmedical.com



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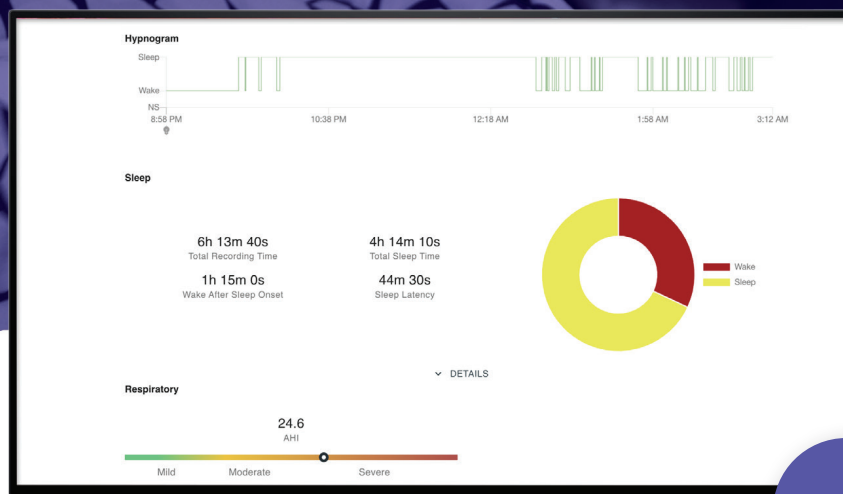
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