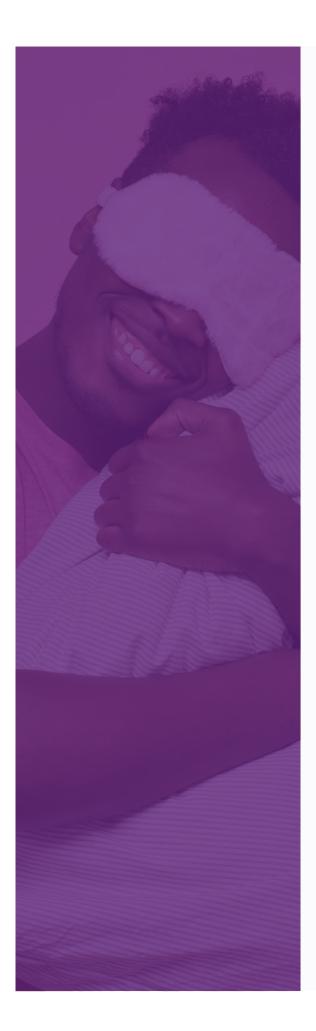


HEALTHY SLEEP FOR HEALTHY CANADIANS • WINTER 2023 • VOLUME 27

Learn what we do to promote healthy sleep

The **Canadian Sleep Society** is a national organization committed to improving sleep for all Canadians through: support for research, promotion of high quality clinical care, education of professionals and the public, and advocacy for sleep and sleep disorders medicine.



Chief Editor Liza Perez

CSS EXECUTIVE COMMITTEE

President Célyne Bastien, PhD Past-President Charles Samuels, MD, CCFP, DABSM Vice-President (Research) Thanh Dang-Vu, MD, PhD Vice-President (Clinical) Robert P. Skomro, MD, FRPCPC Member-at-Large (Knowledge Translation & Mobilisation) Julie Carrier, Ph.D. Secretary/Treasurer Najib Ayas, MD, MPH Member-at-Large (Technologist) Santixay Homsombath, BSc, RPSGT, RST, CCSH Member-at-Large (Dental) Nelly Huynh, Phd Member-at-Large (Student) Nicholas van den Berg, B.A. (Hons), PhD Candidate Member-at-Large (Student) Sara Pintwala, PhD Candidate Member-at-Large (Membership) James G. Macfarlane PhD, FAASM Member-at-Large (Media & Advocacy) Jonathan Charest, PhD Member-at-Large (Communications/Vigilance) Liza Perez, BSc, RPSGT

Vigilance is the official newsletter of the Canadian Sleep Society (CSS).

Vigilance est le bulletin officiel de la Société canadienne du sommeil (SCS).

The Canadian Sleep Society (CSS) / Société Canadienne du Sommeil (SCS) is a professional association of clinicians, scientists and technologists formed in June 1986 to further the advancement and understanding of sleep and its disorders through scientific study and public awareness.

La Société canadienne du sommeil (SCS) est une association professionnelle de cliniciens, de scientifiques et de technologues mise sur pied en juin 1986 afin de favoriser l'avancement des connaissances et la compréhension du sommeil et des troubles qui l'affectent par la recherche scientifique et la sensibilisation du grand public.



DID YOU KNOW...?

Sleep

We are very happy to announce that CSS has acquired Sleep on it. This will benefit both organizations and ensure that our continued public awareness and advocacy efforts will work efficiently and create a greater impact on Canadians. We will have access to all resources and many benefits with joining our efforts. We hope it will open new opportunities for us and our success.

G () 🖸

LEARN MORE ABOUT 'SLEEP ON IT'



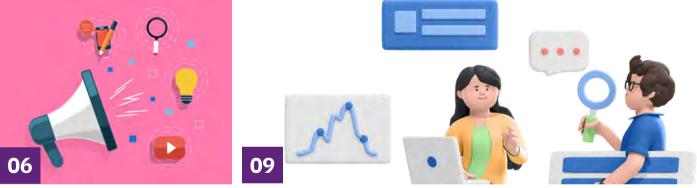


Table of contents

- 05 Upcoming 11th CSS Congress Learn about the upcoming conference
- 06 Activities and Media CSS members promot

CSS members promoting healthy sleep in the media

- 09 Papers and Posters Promoting sleep science
- 13
- CSS/CSCN Trainee Task Force

11th National Conference of the Canadian Sleep Society



About the 2023 Conference

Our scientific committee is working hard on our program for 2023 and we look forward to seeing everyone at the beautiful **Westin Ottawa**. For those who aren't able to join in person, there will be options for you as well but we know how excited people are to collaborate in person for the first time in several years.

The 2023 program will run for 3 days with day 1 consisting of specialty programming for family physicians, technologists, trainees and psychologists. The official opening of the conference will take place on April 27 starting at 4 pm with Opening Remarks and Awards followed by our opening keynote presenter. After the keynote presentation, we will enjoy a sponsor welcome reception in our exhibit hall at the conference.

Stay tuned for more updates. Mark the dates in your calendar!! We hope to see you in 2023.



Companies considering sponsorship should email **marina@strategicmeetingdesigns.com** to request a copy of the Partner Opportunity Package and she will send it to you.

Online Presence

The Canadian Sleep Society's online visibility grows with each share and interaction we have with the content. Keep sharing and tagging **@Canadian Sleep Society** to make sure we can increase our reach.

Some highlights from this past year.



Activities and Media

Look at our year

ADDENDUM TO THE POSITION STATEMENT FROM THE CANADIAN THORACIC SOCIETY, CANADIAN SLEEP SOCIETY AND THE CANADIAN SOCIETY OF RESPIRATORY THERAPISTS PHILIPS RESPIRONICS DEVICE RECALL

Najib T, Ayas, Laree Fordyce, Eleni Giannouli, Marta Kaminska, Sherri Lynne Katz, Tetyana Kendzerska, Joanna MacLean, Carolyn McCoy, Debra L Morrison, Sachin Pendharkar, Robert Skomro, and Candace Steward. Version 10 – July 9, 2021

Philips Recall

As per our previous statement, there should be shared decision-making between the patient, their family or other supports, and physicians to carefully balance risks of continuing versus interrupting the use of affected devices, and consideration of alternative treatments/devices available. The decision to continue prolonged use of a recalled device needs to be individualized and documented in the medical record.



Health Canada Product Recall – Respironics Masks

Message from the Canadian Thoracic Society, the Canadian Sleep Society, and the Canadian Society of Respiratory Therapists



Paper to be submitted regarding the DST Practices

We present here our own review of available research literature including that used by other associations of researchers to formulate recommendations. Particular attention is given to the northern geographical location of Canada and its consequences on the relationship between time zones and natural light exposure.



Position statement of the Canadian sleep society on the practice of daylight saving time (DST)

A systematic review of the literature was conducted on behalf of CSS concerning the scientific evidence about the practice of DST.



How has the Philips Respironics PAP Recall Affected Your Patients?

Researchers from the University of Ottawa and University of Calgary are speaking with healthcare providers from across Canada whose patients have been affected by this recall.



Canadians are not getting enough sleep – and that's a big problem

COVID-19 descended in early 2020 and sleep issues – not just in Canada but around the world – went from being a serious health concern to something verging on a crisis.

7 | VIGILANCE NEWSLETTER





Should you really be taking melatonin to help you sleep? Experts weigh in on potential risks

Researchers found that by 2018, U.S. adults were taking more than twice the amount of melatonin than they did a decade earlier.

Dream on

Sleep is such an essential component of our overall sense of well-being, affecting everything from our emotional and physical health to our productivity and mental acuity.





Is revenge bedtime procrastination ruining your sleep?

The revenge of it all comes from the mindset of, "I live a busy life, I deserve a little time to unwind." Dr. Jonathan Charest, director of athlete sleep services at the Centre for Sleep & Human Performance, says that one of the ways to counteract this is to focus on sleep hygiene.

8 | CANADIAN SLEEP SOCIETY



Insomnia May Up the Risk of Memory Decline in Middle-Aged and Older Adults

Since sleep is important for memory consolidation and other cognitive functions, disrupted sleep is likely to make cognition more vulnerable," Thanh Dang-Vu, MD, PhD.



Get enough sleep and live longer!

The study found that healthy sleep duration increases life expectancy by 1.2 years compared with sleeping too little and by 2.6 years compared with sleeping too much.



Daylight saving time gave Canadians an extra hour of sleep this weekend. Can it help the country's sleep crisis?

Just how bad is Canada's sleep crisis, and what are the consequences of a under-rested population?



Development of Insomnia Leads to Worsened Middle- and Late-Age Cognition

Findings from a study of more than 25,000 participants showed a longitudinal association between probable insomnia status and subjective memory decline in middle-aged and older adults, potentially raising the importance of targeting insomnia to address age-related cognitive decline.



Toor, B., van den Berg, N.H., Fang, Z., Pozzobon, A., Ray, L. B., & Fogel, S.M. *The impact of age on problem-solving skills: Reduced benefit of sleep for memory trace consolidation.* (2022). Neurobiology of Aging.



van den Berg, N. H., Smith, D., Fang, L., Pozzobon, A., & Fogel, S.M. (2022). Sleep, nap, and wake alters functional connectivity for the consolidation of problem-solving skills. HBM. Glasgow, Scotland. (Poster Presentation)



Gibbings, A., Ray, L., Smith, D., van den Berg, N., Toor, B., Sergeeva, V., Viczko, J., Owen, A., Fogel, S. *Does the early bird really get the worm? How chronotype relates to human intelligence.* (2022). Research in Behavioral Sciences.





Lafrenière, A., Lina, J-M., Hernandez, J., Bouchard, M., Gosselin, N., Carrier, J. (2022). *Sleep slow waves' negative-topositive-phase transition: a marker of cognitive and apneic status in aging.* (2022). *Sleep.*

Martineau-Dussault, M-È., André, C., Daneault, V., Baril, A., Gagnon, K., Blais, H., Petit, D., Montplaisir, J., Lorrain, D., Bastien, C., Hudon, C., Descoteaux, M., Bore, A., Theaud, G., Thompson, C., Legault, J., Martinez Villar G. E., Lafrenière, A., Lafond, C., Gosselin, N. (2022). *Medial temporal lobe and obstructive sleep apnea: Effect of sex, age, cognitive status and free-water.* NeuroImage: Clinical.

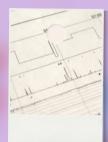




Bertrand, M., Bastien, C., Boutin, I., Vallières, A. (2022). *A* psychological view on the effectiveness of psychosocial interventions on positive airway pressure treatment adherence and sleep quality in patients with obstructive sleep apnea. Sleep Medicine.



Muench, A., Vargas, I., Grandner, M., Ellis, J., Posner, D., Bastien, C., Drummond, S., Perlis, M. (2022). *We know CBT-I works, now what?*. Faculty Reviews.



Sharman, R., Perlis, M., Bastien, C., Barclay, N., Ellis, J., Elder, G. (2022). *Pre-Sleep Cognitive Arousal Is Negatively Associated with Sleep Misperception in Healthy Sleepers during Habitual Environmental Noise Exposure: An Actigraphy Study.* Clocks & Sleep. 4.





Philip, P., Micoulaud Franchi, J-A., Bioulac, S., Taillard, J., Kelly, G., Dauvilliers, Y., Bastien, C., Sagaspe, P., (2022). 0409 Selfperceived sleep during the Maintenance of Wakefulness Test: how does it predict accidental risk in patients with sleep disorders?. Sleep.

Chaput, J-P., Carrier, J., Bastien, C., Gariepy, G., Janssen, I. (2022). *Economic burden of insufficient sleep duration in Canadian adults*. Sleep Health.





Lemyre, A., Bastien, C., Vallières, A. (2022). *The feeling priming theory (FPT) of dreaming.*. Dreaming.



Chaput, J-P., Carrier, J., Bastien, C., Gariepy, G., Janssen, I. (2022). Years of life gained when meeting sleep duration recommendations in Canada. Sleep Medicine.



Perlis, M., Posner, D., Riemann, D., Bastien, C., Teel, J., Thase, M. (2022). *Insomnia*. The Lancet.





Sharman, R., Bastien, C., Perlis, M., Wetherell, M., Barclay, N., Santhi, N., Ellis, J., Elder, G. (2022). *Pre-Sleep Cognitive Arousal Is Unrelated to Sleep Misperception in Healthy Sleepers When Unexpected Sounds Are Played during Non-Rapid Eye Movement Sleep: A Polysomnography Study.* Brain Sciences.

Thompson, C., Legault, J., Moullec, G., Martineau-Dussault, M-È., Baltzan, M., Cross, N., Dang-Vu, T. T., Gervais, N., Einstein, G., Hanly, P., Ayas, N., Lorrain, D., Kaminska, M., Gagnon, J-F., Lim, A., Carrier, J., Gosselin, N. (2022). Association between risk of obstructive sleep apnea, inflammation and cognition after 45 years old in the Canadian Longitudinal Study on Aging. Sleep Medicine.













Mograss, M., Abi-Jaoude, J., Frimpong, E., Chalati, M., Moretto, U., Tarelli, L., Lim, A., Dang-Vu, T. T. (2022). *The effects of napping on night-time sleep in healthy young adults.* Journal of Sleep Research.

Thompson, C., Legault, J., Moullec, G., Baltzan, M., Cross, N., Dang-Vu, T. T., Martineau-Dussault, M-È., Hanly, P., Ayas, N., Lorrain, D., Einstein, G., Carrier, J., Gosselin, N. (2022). *A portrait of obstructive sleep apnea risk factors in 27,210 middleaged and older adults in the Canadian Longitudinal Study on Aging.* Scientific Reports. 12. 10.1038/s41598-022-08164-6.

Perrault, A., Pomares, F., Smith, D., Cross, N., Gong, K., Maltezos, A., McCarthy, M., Madigan, E., Tarelli, L., McGrath, J., Savard, J., Schwartz, S., Gouin, J-P., Dang-Vu, T. T. (2022). *Effects of cognitive behavioral therapy for insomnia on subjective and objective measures of sleep and cognition.* Sleep Medicine.

Granet, J., Eva, P., Ruiz, F., Buckinx, F., Abdelkader, L., Dang-Vu, T. T.Sirois, M-J., Gouin, J-P., Pageaux, B., Aubertin-Leheudre, M. (2022). *Web-Based Physical Activity Interventions Are Feasible and Beneficial Solutions to Prevent Physical and Mental Health Declines in Community-Dwelling Older Adults During Isolation Periods.* The journals of gerontology.

Uji, M., Jegou, A., Cross, N., Pomares, F., Perrault, A., Nguyen, A., Aydin, Ü., Lee, K., Abdallah, C., Frauscher, B., Lina, J-M., Dang-Vu, T. T., Grova, C. (2022). *EEG source imaging technique to investigate sleep oscillations for simultaneous EEG-fMRI.* (Poster Presentation)





The Canadian Sleep Society has continued to support trainees at all level in their research, knowledge outreach, and networking. This past year has been an exciting time for trainees in the sleep field. Going virtual these past few years has allowed sleep trainees across Canada greater networking potential. We have updated our Trainee Network to promote collaboration, networking, and knowledge translation, as prioritized by Canadian Society trainees.

We have collaborated on several projects these past few years. Most recently, we've continued with a second year of funding exclusively for trainee members of the CSS who have a project in knowledge translation. This year, we look forward to seeing how our funding by trainees, for trainees, will help with projects on promoting healthy sleep for healthcare shift workers (Doctoral Student Despina Artenie, Université du Québec à Montréal), and sleep health promotion tools and DOZE app development (Doctorate Student Parky Lau, Ryerson University). Look out this year for more exciting projects, and if you're a Trainee in the sleep field, we encourage you to join our team! See https://css-scs.ca/css-cscn-traineetask-force/ for details.



This year the Student Members-at-Large have worked to expand and strengthen the Trainee Network at CSS. Specifically they have written a Charter for the CSS/CSCN Trainee Task Force, and have begun writing a '5-Year Plan' to clarify objectives and goals for the Task Force. We continue to work on our Trainee-led initiatives to optimize the value of a trainee membership with CSS.

CONTACT US





Canadian Sleep Société Canadienne Society du Sommeil