

CURRICULUM VITAE

Thien Thanh DANG-VU, MD PhD

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1. Biographical information

1.1. Employment history

PRIMARY AFFILIATIONS

- **Full Professor** (tenured) 2020-now
Department of Health, Kinesiology and Applied Physiology, Concordia University
- **Vice-President (Research)** 2020-now
Canadian Sleep Society
- **Associate Professor** (tenured) 2016-2020
Department of Health, Kinesiology and Applied Physiology, Concordia University
- **University Research Chair in Sleep, Neuroimaging and Cognitive Health** 2015-now
Department of Health, Kinesiology and Applied Physiology, Concordia University
- **Researcher** 2013-now
Center for Studies in Behavioral Neurobiology,
PERFORM Center, Concordia University
- **Directeur Associé à la Recherche Clinique** 2015-now
Centre de Recherche de l'Institut Universitaire de Gériatrie de Montréal (CRIUGM),
CIUSSS Centre-Sud-de-l'île-de-Montréal
- **Researcher** 2013-now
Centre de Recherche de l'Institut Universitaire de Gériatrie de Montréal (CRIUGM),
CIUSSS Centre-Sud-de-l'île-de-Montréal
- **Neurologist** 2013-now
Institut Universitaire de Gériatrie de Montréal (IUGM),
CIUSSS Centre-Sud-de-l'île-de-Montréal
- **Assistant Professor** (tenure-track) 2012-2016
Department of Exercise Science, Concordia University

SECONDARY AFFILIATIONS

- **Professeur Associé** 2019-now
Department of Neurosciences, University of Montreal
- **Professeur Adjoint de Clinique** (clinical professor) 2014-2019
Department of Neurosciences, University of Montreal
- **Adjunct Professor** 2015-now
Department of Neurology & Neurosurgery, McGill University
- **Visiting Associate Professor** 2017-2018
Duke-NUS Medical School, National University of Singapore

- *Affiliate Member*
Department of Psychology, Concordia University 2013-now
- *Associate Researcher* 2012-now
Centre de Recherche Hopital du Sacré-Coeur de Montréal,
- *Associate Member* 2012-now
Center for Clinical Research in Health, Concordia University
- *Member* 2012-now
Quebec Bio-Imaging Network (QBIN/RBIQ)
- *Member* 2014-now
Quebec Network for Research on Aging (RQRV)
- *Member* 2012-now
Quebec Parkinson Network (QPN/RPQ)

1.2. Academic Background

EDUCATION AND TRAINING

<i>Dates</i>	<i>Degree</i>	<i>Institution</i>	<i>Grade</i>
2010-2012	Postdoc / fellowship	<u>Université de Montréal</u> , Hôpital du Sacré-Coeur, Center for Advanced Research in <u>Sleep Medicine</u> (Canada)	N/A
2009-2010	Postdoc / fellowship	<u>Harvard Medical School</u> , Massachusetts General Hospital, Department of <u>Neurology</u> , Division of <u>Sleep Medicine</u> (USA)	N/A
2004-2009	Neurology (residency)	<u>Université de Liège</u> , CHU de Liège, Department of Neurology (Belgium)	Summa cum laude
2004-2008	PhD	<u>Université de Liège</u> , Cyclotron Research Center (Belgium)	Summa cum laude
2000-2004	MD	<u>Université de Liège</u> (Belgium)	Summa cum laude
1997-2000	BSc	<u>Université de Liège</u> (Belgium)	Summa cum laude

HONORS AND AWARDS

- **Concordia Newsmaker of the Month** – Sept. 2022
- **Provost’s Circle of Distinction** (Concordia University) – 2022
- **Fellow of the American Academy of Sleep Medicine** – 2022
- **Member of the College of New Scholars of the Royal Society of Canada** – 2021
- **Concordia University Research Chair** in Sleep, Neuroimaging and Cognitive Health

(Tier 1) – 2021-2026

- **Dean’s Award for Excellence in Scholarship** – 2018
- **FRQ-S Research Scholar Junior 2 Award** – 2018-2021
- **Concordia Newsmaker of the Week** – Nov. 2017
- **Concordia University Research Chair** in Sleep, Neuroimaging and Cognitive Health (New Scholar) – 2015-2020
- **Roger Broughton Young Investigator Award** (Canadian Sleep Society) – 2015
- **Concordia University Research Award** – 2014
- **CIHR New Investigator Award** – 2013-2018
- **FRQ-S Research Scholar Junior 1 Award** – 2013-2017
- **Petro Canada Young Innovator Award** – 2013-2014
- **Prize of Excellence H. Catherine Sauerwein** – 2012
- **Banting Postdoctoral Fellowship** (Canadian Institutes of Health Research) – 2011-2013
- Listed in “**Who’s Who in America**”, “**Who’s Who in the World**”, and “**Who’s Who in Science and Engineering**” – 2010 - present
- **Lundbeck Award for Research** (Belgian College of Neuropsychopharmacology and Biological Psychiatry) – 2011-2012
- **Pfizer Educational Grant** – 2011
- **Prize of the Foundation D. and M. Jaumain** – 2009
- **Travel grants of the Léon Frédéricq Funds** – 2009, 2010, 2011
- **Bursary for excellence Wallonie-Bruxelles International.World** – 2009-2011
- **Rotary Grant** (District 1630) – 2009-2010
- **Sleep Research Society Young Investigator Award** – 2009
- **Belgian American Educational Foundation Postdoctoral Fellowship** – 2009-2010
- **Belgian Neurological Society travel grant** – 2008
- **Sleep Research Society Award Based on Scientific Merit** – 2008
- **European Neurological Society travel grant** – 2007
- **André Kahn Sleep Award** – 2006, 2008
- **Helgi Kristbjarnarson’s Award** (European Sleep Research Society) – 2006
- **European Sleep Research Society travel grants** – 2004, 2006, 2008, 2010
- **Prize of the Léon Frédéricq Funds** for research excellence during medical studies –2004
- **Aventis Prize** for excellence during medical studies – 2004

PROFESSIONAL LICENSURE

<i>Date</i>	<i>Type</i>	<i>Institution</i>
Since February 2022	Fellow	<u>American Academy of Sleep Medicine (AASM)</u>
Since November 2018	Certificate of Specialist in Neurology	<u>Collège des Médecins du Québec</u>
Since September 2014	Maintenance of Certificate program	<u>Royal College of Physicians and Surgeons of Canada</u>

Since September 2013	Medical License (Québec)	<u>Collège des Médecins du Québec</u>
Since September 2011	Board Certification in Neurology	<u>Belgian Board of Neurology / Belgian Ministry of Health</u>
Since July 2004	Medical License (Belgium)	<u>Ordre des Médecins de la Province de Liège/ Belgian Ministry of Health</u>

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

- Association des Neurologues du Québec (ANQ)
- Fédération des Médecins Spécialistes du Québec (FMSQ)
- Canadian Sleep Society (CSS)
- Canadian Sleep and Circadian Network (CSCN)
- Sleep Research Society (SRS)
- American Academy of Sleep Medicine (AASM)
- European Sleep Research Society (ESRS)
- Organization for Human Brain Mapping (OHBM)
- Consortium pour l'identification précoce de la maladie d'Alzheimer (CIMA-Q)

1.3. Languages

- French spoken & written
- English spoken & written
- Dutch basic
- Vietnamese basic

2. Research

Citation Indices (source: Google Scholar):

- Citations (total): 7857

- h-index: 41

- i10-index: 73

Cumulated Impact Factor: 520

* supervised trainees

2.1. Peer-reviewed publications (total = 100)

1. Bouchard C, Turcotte S, Rousseau J, DeBroux Leduc R, Bier N, Kairy D, **Dang-Vu T**, Sarimanukoglu K, Dubé F, Bourgeois Racine C, Rioux C, Shea C, & Filiatrault J. *Facilitators and barriers to older adults' participation in telehealth interventions for primary prevention and health promotion: A rapid review*. Telemedicine and eHealth, submitted
2. Chaput JP, Janssen I, Sampasa-Kanyinga H, Carney CE, **Dang-Vu TT**, Davidson JR, Robillard R, Morin CM. *Economic burden of insomnia symptoms in Canada*. Sleep Health, 2022, in press.
3. Caldwell W, MacNeil S, Wrosch C, McGrath J, **Dang-Vu TT**, Morin A, Gouin JP. *Respiratory sinus arrhythmia moderates the interpersonal consequences of brooding rumination*. Journal of Social and Personal Relationships, 2022, in press.
4. Zhao JL* , Cross N* , Yao CW , Carrier J , Postuma RB , Gosselin N , Kakinami L, **Dang-Vu TT**. *Insomnia disorder increases the risk of subjective memory decline in middle-aged and older adults: a longitudinal analysis of the Canadian Longitudinal Study on Aging*. Sleep, 2022, Jul 25.
5. Granet J, Peyrusqué E, Ruiz F, Buckinx F, Ben Abdelkader L, **Dang-Vu TT**, Pageaux B, Sirois MJ, Gouin JP, Aubertin-Leheudre M. *Physical activity using web technology to prevent confinement-related mobility loss in community-dwelling older adults: a feasible solution during COVID-19 lockdown ?*; Journal of Gerontology: Medical Sciences, 2022, Jun 8.
6. Perrault AA*, Pomares FB*, Smith D*, Cross NE*, Gong K*, Maltezos A*, McCarthy M*, Madigan E*, Tarelli L*, McGrath J, Savard J, Schwartz S, Gouin JP, **Dang-Vu TT**. *Effects of cognitive behavioral therapy for insomnia on subjective and objective measures of sleep and cognition*; Sleep Medicine, 2022, May 23.
7. Thompson C, Legault J, Moullec G, Baltzan ME, Cross N*, **Dang-Vu TT**, Martineau-Dussault M, Hanly P, Ayas N, Lorrain D, Einstein G, Carrier J, Gosselin N. *A portrait of obstructive sleep apnea risk factors in 27,210 middle-aged and older adults in the Canadian Longitudinal Study on Aging*; Scientific Reports, March 24th 2022, 12(1):5127.
8. Mograss M*, Abi-Jaoude J, Frimpong E*, Chalati D, Moretto U, Tarelli L*, Lim A, **Dang-Vu TT**. *The Effects of Napping on Nighttime Sleep in Healthy Young Adults*; Journal of Sleep Research, March 6th 2022, e13578.
9. Thompson C, Legault J, Moullec G, Martineau-Dussault M, Baltzan ME, Cross N*, **Dang-Vu TT**, Gervais N, Einstein G, Hanly P, Ayas N, Lorrain D, Kaminska M, Gagnon JF, Lim A, Carrier J, Gosselin N. *Association between risk of obstructive sleep apnea, inflammation and cognition after 45 years old in the Canadian Longitudinal Study on Aging*; Sleep Medicine, March 2022, 91:21-30.

10. Yao C.W., Pelletier A., Fereshtehnejad SM, Cross N*, **Dang-Vu T**, Postuma R. *Insomnia symptom subtypes and manifestations of prodromal neurodegeneration: a population-based study in the CLSA*; Journal of Clinical Sleep Medicine, Feb 1st 2022, 18(2):345-59.
11. Moderie C, Carrier J, **Dang-Vu TT**. *Les troubles du sommeil chez les patients atteints d'un trouble neurocognitif*; Encéphale, Dec 13th 2021, S0013-7006(21)00229-3.
12. Cross N*, Pomares F*, Nguyen A*, Perrault A*, Jegou A*, Uji M*, Lee K, Razavipour F, Ali OBK, Aydin U, Benali H, Grova C, **Dang-Vu TT**. *An altered balance of integrated and segregated brain activity is a marker of cognitive deficits following sleep deprivation*; PLoS Biology, Nov 4th 2021, 19(11):e3001232.
13. Ayas N, Skomro R, Bastien C, Charest J, **Dang-Vu TT**, Samuels C. *Canadian Sleep Society statement regarding Continuous Positive Airway Pressure coverage for patient with Obstructive Sleep Apnea and an Apnea Hypopnea Index between 5 and 15 per hour*; Canadian Journal of Respiratory, Critical Care, and Sleep Medicine, Aug 12th 2021, <https://doi.org/10.1080/24745332.2021.1946449>.
14. Frimpong E*, Mograss M*, Zvionow T*, **Dang-Vu TT**. *The effects of evening high-intensity exercise on sleep in healthy adults: a systematic review and meta-analysis*; Sleep Medicine Reviews, Aug 3rd 2021, 60:101535.
15. Uji M*, Cross N*, Pomares F*, Perrault A*, Jegou A*, Nguyen A*, Aydin U, Lina JM, **Dang-Vu TT**, Grova C. *Data-driven beamforming techniques to attenuate ballistocardiogram (BCG) artefacts in EEG-fMRI without detecting cardiac pulses in electrocardiography (EEG) recordings*; Human Brain Mapping, 2021, 49:3993-4021.
16. Gool JK*, Cross N*, Fronczek R, Lammers GJ, van der Werf YD, **Dang-Vu TT**. *Neuroimaging in narcolepsy and idiopathic hypersomnia: from neural correlates to clinical practice*; Current Sleep Medicine Reports, 2020, 6:251-266.
17. Ferland MC, Therrien-Blanchet JM, Proulx S, Klees-Themens G, Bacon BA, **Dang-Vu TT**, Théoret H. *TMS and H1-MRS measures of excitation and inhibition following lorazepam administration*; Neuroscience, 2021, 452: 235-246.
18. Belleville S, Mellah S, Cloutier S, **Dang-Vu TT**, Duchesne S, Maltezos S, Phillips N, Hudon C and the CIMA-Q group. *Neural correlates of resilience to the effects of hippocampal atrophy on memory*; NeuroImage Clinical, 2020, 29:102526.
19. Cross N*, Paquola C, Pomares F*, Perrault A*, Jegou A*, Nguyen A*, Aydin U, Bernhardt B, Grova C, **Dang-Vu TT**. *Cortical gradients of functional connectivity are robust to state-dependent changes following sleep deprivation*; NeuroImage, 2021, 226:117547.
20. Belleville S, Ansaldo AA, Aubertin-Leheudre M, Bier N, **Dang-Vu TT**, Rainville P. *Aging during and after the great lockdown*; Rev Neuropsychol; 2020, 12 (2) : 161-3.
21. Machado FV, Louzada LL, Cross NE*, Camargos EF, **Dang-Vu TT**, Nobrega OT. *More than a quarter century of the most prescribed sleeping pill: systematic review of Zolpidem use by older adults*; Experimental Gerontology; July 15th 2020, 136:110962.
22. Mograss M*, Crosetta M*, Abi-Jaoude J*, Frolova E*, Robertson E, Pepin V, **Dang-Vu TT**. *Exercising before a nap benefits memory better than napping or exercising alone*; SLEEP, 43(9), 2020 September 14.
23. Hudon C, Escudier F, De Roy J, Croteau J, Cross N*, **Dang-Vu TT**, Vignon Zomahoun HT, Grenier S, Gagnon JF, Parent A, Bruneau MA, Belleville C, and the Consortium for the Early Identification of Alzheimer's Disease – Quebec (CIMAQ). *Behavioral and Psychological Symptoms that Predict Cognitive Decline or Impairment in Cognitively Normal Middle-Aged or Older Adults: a Meta-Analysis*; Neuropsychological Review, May 11th 2020.

24. Perogamvros L, Castelnovo A, Samson D, **Dang-Vu TT**. *Failure of fear extinction in insomnia: an evolutionary perspective*; Sleep Medicine Reviews, 13 Feb 2020, 51:101277.
25. Marshall L, Cross N*, Binder S, **Dang-Vu TT**. *Brain rhythms during sleep and memory consolidation – Neurobiological insights*; Physiology, 35(1), Jan 1 2020, p. 4-15.
26. Zolfaghari S, Yao C, Thompson C, Gosselin N, Desautels A, **Dang-Vu TT**, Postuma R, Carrier J. *Effects of menopause on sleep quality and sleep disorders: Canadian Longitudinal Study on Aging*; Menopause, 27(3), Dec 13 2019.
27. Belleville S, Leblanc AC, Kergoat MJ, Calon F, Gaudreau P, Hébert SS, Hudon C, Leclerc N, Mechawar N, Duchesne S, Gauthier S; Collaborators: Bellec P, Bocti C, Chertkow H, Collins L, Cunnane S, Philips N, Soucy JP, **Dang-Vu TT**, Verret L, Villalpando JM. *The Consortium for the early identification of Alzheimer’s disease-Quebec (CIMA-Q)*; Alzheimer’s & Dementia, 11, Nov 20 2019, p. 787-796.
28. Pomares F*, Boucetta S*, Lachapelle F, Steffener J, Montplaisir J, Cha J, Kim H, **Dang-Vu TT**. *Beyond sleepy: structural and functional changes of the default-mode network in idiopathic hypersomnia*; SLEEP, 42(11), November 1 2019.
29. Cross N*, Carrier J, Postuma R, Gosselin N, Kakinami L, Thompson C, Chouchou F, **Dang-Vu TT**. *Association between insomnia disorder and cognitive function in middle-aged and older adults: a cross-sectional analysis of the Canadian Longitudinal Study on Aging*; SLEEP, 42(8), Aug 1 2019.
30. Jegou A*, Schabus M, Gosseries O, Dahmen B, Albouy G, Desseilles M, Sterpenich V, Phillips C, Maquet P, Grova C, **Dang-Vu TT**. *Cortical reactivations during sleep spindles following declarative learning*; NeuroImage, 195, 2019, p. 104-112.
31. Cross N*, Gosselin N, **Dang-Vu TT**. *A human neuroimaging perspective on sleep in normative and pathological ageing*; Current Sleep Medicine Reports, 5(1), Jan 25 2019, p.1-12.
32. Chouchou F*, **Dang-Vu TT**, Rainville P, Lavigne G. *The role of sleep in learning placebo effects*; Int Rev Neurobiol, 139, July 31 2018, p. 321-355.
33. Desjardins ME, Baril AA, Soucy JP, **Dang-Vu TT**, Desautels A, Petit D, Montplaisir J, Zadra A. *Altered brain perfusion patterns in wakefulness and slow-wave sleep in sleepwalkers*; SLEEP, 41 (5), May 1 2018.
34. **Dang-Vu TT**, Hatch B*, Salimi A*, Mograss M*, Boucetta S*, O’Byrne J*, Brandewinder M, Berthomier C, Gouin JP. *Sleep spindles may predict response to cognitive behavioral therapy for chronic insomnia*; Sleep Medicine, 39, Sep 9 2017, p. 54-61.
35. Boucetta S*, Montplaisir J, Zadra A, Lachapelle F*, Soucy JP, Gravel P, **Dang-Vu TT**. *Altered regional cerebral blood flow in idiopathic hypersomnia*; SLEEP, 40(10), Oct 1 2017, zsx140.
36. Waters F, Moretto U*, **Dang-Vu TT**. *Psychiatric illness and parasomnias: a systematic review*; Current Psychiatry Reports, 19(7), July 2017, p.37 (11 pages).
37. MacNeil S, Deschênes SS, Brouillard M, Caldwell W, **Dang-Vu TT**, Gouin JP. *High Frequency Heart Rate Variability Reactivity and Trait Worry Interact to Predict the Development of Sleep Disturbances in Response to a Naturalistic Stressor*; Annals of Behavioral Medicine, 51(6), Dec 2017, p. 912-24.
38. Albouy G, King BR, Schmidt C, Desseilles M, **Dang-Vu TT**, Balteau E, Phillips C, Degueldre C, Orban P, Benali H, Peigneux P, Luxen A, Karni A, Doyon J, Maquet P, Korman M. *Cerebral Activity Associated with Transient Sleep-Facilitated Reduction in Motor Memory Vulnerability to Interference*; Scientific Reports, 6, Oct 11 2016, Article number 34948.
<http://www.nature.com/articles/srep34948>.
39. Waters F, Blom JD, **Dang-Vu TT**, Cheyne JA, Alderson-Day B, Collerton D. *What is the link between hallucinations and dreams*; Schizophrenia Bulletin, 42(5), Sept 2016, p. 1098-109.

40. Boucetta S*, Salimi A*, Dadar M, Jones BE, Collins DL, **Dang-Vu TT**. *Structural Brain Alterations Associated with REM Sleep Behavior Disorder in Parkinson's Disease*; Scientific Reports, 6, June 1 2016, Article number 26782 (11 pages).
41. Weiner O*, **Dang-Vu TT**. *Spindle Oscillations in Sleep Disorders: A Systematic Review*; Neural Plasticity, March 10 2016, Article number 7328725 (30 pages).
42. Suh S, Kim H, **Dang-Vu TT**, Joo E, Shin C. *Cortical Thinning and Altered Cortico-Cortical Structural Covariance of the Default Mode Network in Patients with Persistent Insomnia Symptoms*; SLEEP, 39(1), Jan 1 2016, p. 161-71.
43. **Dang-Vu TT**, Zadra A, Labelle MA, Petit D, Soucy J-P, Montplaisir J. *Sleep deprivation reveals altered brain perfusion patterns in somnambulism*; PLoS ONE, 10(8), 2015, e0133474.
44. Labelle MA, **Dang-Vu TT**, Petit D, Desautels A, Montplaisir J, Zadra A. *Sleep deprivation impairs inhibitory control during wakefulness in adult sleepwalkers*; Journal of Sleep Research, 24(6), 2015, p. 658-665.
45. Gouin J-P, Wenzel K*, Boucetta S*, O'Byrne J*, Salimi A*, **Dang-Vu TT**. *High Frequency Heart Rate Variability During Worry Predicts Stress-Related Increases in Sleep Disturbances*; Sleep Medicine, 16, 2015, p. 659-664.
46. **Dang-Vu TT**, Salimi A*, Boucetta S*, Wenzel K*, O'Byrne J*, Brandewinder M, Berthomier C, Gouin J-P. *Sleep spindles predict stress-related increases in sleep disturbances*; Frontiers in Human Neuroscience, 2015, 9:68.
47. Pepin V, Boucetta S*, Chan-Thim E*, Parwanta Z*, Gouin J-P, **Dang-Vu TT**. *The Role of Sleep and Physical Activity on the Risk for Cardiovascular Disease*; Current Cardiovascular Risk Reports, 8(12), 2014, p. 413-423.
48. O'Byrne J*, Berman ML*, Gouin J-P, **Dang-Vu TT**. *Neuroimaging Findings in Primary Insomnia*; Pathologie Biologie, 62(5), 2014, p. 262-269.
49. Perogamvros L, **Dang-Vu TT**, Desseilles M, Schwartz S. *Sleep and dreaming are for important matters*; Frontiers in Psychology, 4:474, 2013.
50. **Dang-Vu TT**. *Structural Brain Modifications in Primary Insomnia: Myth or Reality?*; SLEEP, 36(7), 2013, p. 965-966.
51. **Dang-Vu TT**. *Prefrontal Dysfunction in Obstructive Sleep Apnea: A Biomarker of Disease Severity?*; SLEEP, 36(5), 2013, p. 631-632.
52. **Dang-Vu TT**. *Neuroimaging Findings in Narcolepsy with Cataplexy*; Current Neurology and Neuroscience Reports, 13(5), 2013, 349 (8 pages).
53. Albouy G, Sterpenich V, Vandewalle G, Darsaud A, Gais S, Rauchs G, Desseilles M, Boly M, **Dang-Vu T**, Balteau E, Degueldre C, Phillips C, Luxen A, Maquet P. *Interaction between Hippocampal and Striatal Systems Predicts Subsequent Consolidation of Motor Sequence Memory*; PLoS ONE, 8(3), 2013, e59490.
54. Trajanovic N, **Dang-Vu TT**. *Should patients with idiopathic rapid eye movement sleep behaviour disorder receive preventive therapy for a neurodegenerative disease?*; Sleep Medicine, 14, 2013, p. 380-381.
55. **Dang-Vu TT**, Gagnon JF, Vendette M, Soucy JP, Postuma R, Montplaisir J. *Hippocampal perfusion predicts impending neurodegeneration in REM sleep behavior disorder*; Neurology, 79(24), 2012, p. 2302-6.
56. Vendette M, Montplaisir J, Gosselin N, Soucy JP, Postuma R, **Dang-Vu TT**, Gagnon JF. *Brain perfusion anomalies in rapid eye movement behavior disorder with mild cognitive impairment*; Movement Disorders, 27(10), 2012, p. 1255-61.

57. **Dang-Vu TT**. *Neuronal Oscillations in Sleep: Insights from Functional Neuroimaging*; NeuroMolecular Medicine, 14(3), 2012, p. 154-167.
58. **Dang-Vu TT**. *Structural changes in the narcoleptic brain and their possible relevance for clinical severity*; Sleep Medicine, 13(7), 2012, p. 775-6.
59. Schabus M, **Dang-Vu TT**, Heib D, Boly M, Desseilles M, Vandewalle G, Schmidt C, Albouy G, Darsaud A, Gais S, Degueldre C, Balteau E, Phillips C, Luxen A, Maquet P. *The fate of incoming stimuli during NREM sleep is determined by spindles and the phase of the slow oscillation*; Frontiers in Neurology, 3:40, 2012.
60. Schmidt C, Peigneux P, Leclercq Y, Sterpenich V, Vandewalle G, Phillips C, Berthomier P, Berthomier C, Tinguely G, Gais S, Schabus M, Desseilles M, **Dang-Vu TT**, Salmon E, Degueldre C, Balteau E, Luxen A, Cajochen C, Maquet P, Collette F. *Circadian preference modulates the neural substrate of conflict processing across the day*; PLoS ONE, 7(1), 2012, e29658.
61. Albouy G, Sterpenich V, Vandewalle G, Darsaud A, Gais S, Rauchs G, Desseilles M, Boly M, **Dang-Vu T**, Balteau E, Degueldre C, Phillips C, Luxen A, Maquet P. *Neural correlates of performance variability during motor sequence acquisition*; NeuroImage, 60(1), 2012, p. 324-31.
62. **Dang-Vu TT**, Bonjean M, Schabus M, Boly M, Darsaud A, Desseilles M, Degueldre C, Balteau E, Phillips C, Luxen A, Sejnowski TJ, Maquet P. *Interplay between spontaneous and induced brain activity during human non-rapid eye movement (NREM) sleep*; Proceedings of the National Academy of Sciences of the United States of America, 108(37), 2011, p. 15438-43.
63. McKinney S, **Dang-Vu TT**, Buxton O, Solet J, Ellenbogen J. *Covert Waking Brain Activity Reveals Instantaneous Sleep Depth*; PLoS ONE, 6(3), 2011, e17351.
64. Mascetti L, Foret A, Bourdieu AS, Muto V, Kussé C, Jaspard M, Matarazzo L, **Dang-Vu T**, Schabus M, Maquet P. *Spontaneous neural activity during human non-rapid eye movement sleep* ; Progress in Brain Research, 193, 2011, p. 111-8.
65. Desseilles M, Schwartz S, **Dang-Vu TT**, Sterpenich V, Anseau M, Maquet P, Phillips C. *Depression alters « top-down » visual attention: A dynamic causal modelling comparison between depressed and healthy subjects*; Neuroimage, 54(2), 2011, 1662-8.
66. Darsaud A, Wagner U, Balteau E, Desseilles M, Sterpenich V, Vandewalle G, Albouy G, **Dang-Vu T**, Collette F, Boly M, Schabus M, Degueldre C, Luxen A, Maquet P. *Neural Precursors of Delayed Insight*; Journal of Cognitive Neuroscience, 23(8), 2011, p. 1900-10.
67. Darsaud A, Dehon H, Lahl O, Sterpenich V, Boly M, **Dang-Vu T**, Desseilles M, Gais S, Matarazzo L, Peters F, Schabus M, Schmidt C, Tinguely G, Vandewalle G, Luxen A, Maquet P, Collette F. *Does Sleep Promote False Memories?* Journal of Cognitive Neuroscience, 23(1), 2011, p. 26-40.
68. **Dang-Vu TT**, McKinney S, Buxton O, Solet J, Ellenbogen J. *Spontaneous brain rhythms predict sleep stability in the face of noise*; Current Biology, 20(15), 2010, p. R626-627
69. **Dang-Vu TT**, Schabus M, Desseilles M, Sterpenich V, Bonjean M, Maquet P. *Functional Neuroimaging Insights into the Physiology of Human Sleep*; SLEEP, 33(12), 2010, p. 1589-1603.
70. Desseilles M, **Dang-Vu TT**, Sterpenich V, Schwartz S. *Cognitive and emotional processes during dreaming: A neuroimaging view*; Consciousness and Cognition, 20, 2011, p. 998-1008.
71. **Dang-Vu TT**, Desseilles M, Schwartz S, Maquet P. *Neuroimaging of narcolepsy* ; CNS & Neurological Disorders-Drug Targets, 8(4), 2009, p. 254-63.
72. Mascetti L, Foret A, Bonjean M, Matarazzo L, **Dang-Vu T**, Maquet P. *Some facts about sleep relevant for Landau-Kleffner syndrome*; Epilepsia, 50(Suppl. 7), 2009, p. 43-6.

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2.3. Clinical care guidelines and knowledge dissemination articles

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2. **Dang-Vu TT** & Morin CM. *Prise de position de la Société Québécoise de Gériatrie sur l'évaluation et la prise en charge de l'insomnie chez la personne âgée*, 2019.
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2.4. Books

1. **Dang-Vu TT** & Courtemanche R. *Neuronal Oscillations of Wakefulness and Sleep: Windows on Spontaneous Activity of the Brain*. Springer, New York (USA), June 2020.

2.5. Conference Abstracts (total = 124)

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2. Perrault AA*, Ong JL, Phillips EM*, Cross N*, Teo TB, Dicom AR, Chee NIYN, Patanaik A, Chee MWL, **Dang Vu TT**. *Effects of closed-loop auditory stimulation (CLAS) on sleep in chronic insomnia*. 26th congress of the European Sleep Research Society (ESRS) (Poster), Athens, September 2022.
3. Perrault AA*, Barbaux L*, Frolova E*, Zhao JL*, Maltezos A*, Gong K*, Hillcoat A*, Walsh NA*, Fontaine O*, Weiner O*, O'Byrne J*, **Dang Vu TT**, Cross N. *Stages and channels affect spindle detection performance across manual and automatic detectors*. 26th congress of the European Sleep Research Society (ESRS) (Poster), Athens, September 2022.
4. Perrault AA*, Cross N*, **Dang Vu TT**, Schwartz S, Bayer L. *The effects of a gentle rocking stimulation on sleep in poor sleepers*. 26th congress of the European Sleep Research Society (ESRS) (Poster), Athens, September 2022.
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6. Walsh NA*, Perrault AA*, Maltezos A*, Phillips EM*, Pomares F*, Cross N*, Weiner O*, Gouin JP, **Dang-Vu TT**. *The influence of biological sex and age on spindle density in chronic insomnia*. 26th congress of the European Sleep Research Society (ESRS) (Oral presentation & Poster), Athens, September 2022.
7. Maltezos A*, Perrault AA*, Walsh NA*, Phillips EM*, Cross N*, Pomares F*, Gouin JP, **Dang-Vu TT**. *Neurophysiological characterization of the misperception of sleep duration in individuals with and without chronic insomnia*. 26th congress of the European Sleep Research Society (ESRS) (Poster), Athens, September 2022.

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9. DeBroux Leduc R, Turcotte S, Rousseau J, Bouchard C, Bier N, **Dang-Vu TT**, Dubé F, Kairy D, Sarimanukoglu K, Bourgeois-Racine C, Shea C, Filiatrault J. *Codévelopper un programme de télé-prévention des chutes pour les personnes âgées en contexte de pandémie : un projet du laboratoire vivant de Côte-des-Neiges*. [Présentation vidéo]. Journées scientifiques du Centre de recherche de l'Institut universitaire de gériatrie de Montréal, May 2022.
10. DeBroux Leduc R, Turcotte S, Rousseau J, Bouchard C, Bier N, **Dang-Vu TT**, Dubé F, Kairy D, Sarimanukoglu K, Bourgeois-Racine C, Shea C, Filiatrault J. (2022). *Favoriser un accès équitable aux services de prévention des chutes en contexte de pandémie : une recherche-action avec des personnes âgées résidant en HLM*. [Présentation orale]. 89^e Congrès de l'ACFAS (virtuel), May 2022.
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12. Perrault A*, Kebets V, Kuek N, Cross N*, Tesfaye R, Li J, Gooley J, Chee M, **Dang-Vu TT**, Yeo B. *Distinct sleep patterns linked to mental health, cognition and lifestyle with associated RSFC signatures*. OHBM Annual Meeting (Poster Presentation and Oral Session). Glasgow, June 2022.
13. Cross N*, Pomares FB*, Jegou A*, Nguyen A*, Perrault A*, Lee K, Uji M*, Aydin U, Grova C, **Dang-Vu TT**. *The impact of sleep deprivation on integrated network states during cognitive task performance*. OHBM Annual Meeting (Poster Presentation). Glasgow, June 2022.
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20. Perrault A*, Maltezos A*, Pomares F*, Smith D*, Cross N*, Gong K*, McCarthy M, McGrath J, Savard J, Schwartz S, Gouin JP, **Dang-Vu TT**. *Cognitive-behavioral therapy for insomnia reduces sleep duration misperception in chronic insomnia*. World Sleep 2022, Rome, March 2022.
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 26. Barboux L*, Cross N*, Perrault A*, Zhao JL*, Adoutoro J*, Desrosiers C*, Essounni M*, Guimond A, Clerc D, Andriamampionona F, Tannenbaum C, Gouin JP, **Dang-Vu TT**. *Effects of cognitive behavioral therapy for insomnia on sleep quality and cognitive function during benzodiazepine withdrawal among older adults with chronic insomnia*; presented at the 10th national conference of the Canadian Sleep Society (online), October 2021.
 27. Gong K*, **Dang-Vu TT**, Gouin JP. *Self-reported changes in sleep and psychological distress among older adults during the COVID-19 pandemic*; presented at the 10th national conference of the Canadian Sleep Society (online), October 2021.
 28. Perrault A*, Maltezos A*, Gong K*, Hillcoat A*, McCarthy M*, Smith D*, Pomares F*, Gouin JP, **Dang-Vu TT**. *Effects of cognitive-behavioral therapy for insomnia on sleep misperception in chronic primary insomnia*; presented at the 10th national conference of the Canadian Sleep Society (online), October 2021.
 29. Legault J, Thompson C, Moullec G, Martineau-Dussault M-È, Baltzan M, Cross N*, **Dang-Vu TT**, Gervais N, Einstein G, Hanly P, Ayas N, Lorrain D, Kaminska M, Gagnon JF, Lim A, Carrier J, Gosselin N and the CIMA-Q group. *Obstructive sleep apnea is associated with reduced cognitive function in women, not in men* ; presented at the 2021 online edition of the Alzheimer's Association International Conference (AAIC), July 2021.
 30. Uji M*, Cross N*, Pomares F*, Perrault A*, Jegou A*, Nguyen A*, Aydin U, Lina JM, **Dang-Vu TT**, Grova C. *Ballistocardiogram artefact corrections in EEG-fMRI using beamforming spatial filtering techniques*; presented at the 27th Annual Meeting of the Organization for Human Brain Mapping (online), June 2021.
 31. Perrault A*, Maltezos A*, Gong K*, McCarthy M*, Suliteanu J*, Habibi K*, Pomares F*, Smith D*, Gouin JP, **Dang-Vu TT**. *Multimodal assessment of sleep misperception in chronic primary insomnia*; presented at the 25th Congress of the European Sleep Research Society (online), Sept 2020.

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33. Cross N*, Pomares B*, Jegou A*, Nguyen A*, Perrault A*, Smith D*, Aydin U, Grova C, **Dang-Vu TT**. *The impact of sleep deprivation on cortical functional integration and cognitive performances*; presented at the 25th Congress of the European Sleep Research Society (online), Sept 2020.
34. Barbaux L*, Cross N*, Zhao JL*, Desrosiers C*, Essounni M*, Guimond A, Clerc D, Andriamampionona F, Tannenbaum C, Gouin JP, **Dang-Vu TT**. *Effets of cognitive behavioral therapy for insomnia on objective and subjective sleep quality during benzodiazepine withdrawal among older adults with chronic insomnia*; presented at the 25th Congress of the European Sleep Research Society (online), Sept 2020.
35. Pomares B*, Perrault AA*, Smith D*, Suliteanu J*, Habibi K*, Gouin JP, **Dang-Vu TT**. *The effect of CBTi on subjective and objective cognitive performance in chronic primary insomnia*; presented at the 25th Congress of the European Sleep Research Society (online), Sept 2020.
36. Legault J, Thompson C, Martineau-Dussault M-E, Carrier J, **Dang-Vu TT**, Lorrain D, Gosselin N and the CIMA-Q group. *Obstructive Sleep Apnea in Older Adults: Differential Cognitive Impairment Moderated by Sex?*; presented at the 2020 online edition of the Alzheimer's Association International Conference (AAIC), July 2020.
37. Belleville S, Nygaard HB, Bherer L, Camicioli R, Carrier J, Anderson ND, **Dang-Vu TT**, Dwosh E, Ferland G, Harris E, Laurin D, Liu-Ambrose T, Madlensky L, Miller L, Montero-Odasso M, Phillips N, Pichora-Fuller MK, Robillard J, Smith EE, Speechley MR, Wittich W, Chertkow H, Feldman HH and the CCNA. *The Brain Health Support Program: a web-based interactive platform to increase dementia literacy and awareness regarding lifestyle factors in at-risk individuals*; presented at the 2020 online edition of the Alzheimer's Association International Conference (AAIC), July 2020.
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39. Abdallah C, Cai Z, Delaire E, Spilkin A, Keraudran H, **Dang-Vu TT**, Kobayashi E, Grova C. *Hemodynamic response to epileptic discharges during whole night simultaneous EEG-NIRS recordings*; presented at the 26th Annual Meeting of the Organization for Human Brain Mapping (online), June 2020.
40. Legault J, Thompson C, Martineau-Dussault ME, Carrier J, **Dang-Vu TT**, Lorrain D, Gosselin N and the CIMA-Q group. *L'apnée obstructive du sommeil chez les personnes âgées: une altération différentielle de la cognition selon le sexe ?*; presented at the 42nd Annual Meeting of the Société Québécoise pour la Recherche en Psychologie (SQRP), Gatineau, March 2020.
41. Mograss M*, Abi-Jaoude J*, Chalati D*, Zvionow T*, Lim A, **Dang-Vu TT**. *Analysis of Nighttime Sleep Fragmentation of Actigraphy Rest/Activity Patterns in Healthy, Young Sedentary Nappers*; presented at the 2019 edition of World Sleep congress, Vancouver, September 2019.
42. Mograss M*, Abi-Jaoude J*, Chalati D*, Robertson E, Pepin V, **Dang-Vu TT**. *Combined Effects of Acute Exercise and Sleep on Recognition Memory in Young, Sedentary Adults*; presented at the 2019 edition of World Sleep congress, Vancouver, September 2019.
43. Nguyen A*, Cross N*, Pomares FB*, Jegou A*, Perrault AA*, Lee K, Smith D*, Aydin U, Grova C, **Dang-Vu TT**. *Effects of Sleep Deprivation on Cortical Connectivity during a Psychomotor Vigilance Task*; presented at the 2019 edition of World Sleep congress, Vancouver, September 2019.

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45. Mameri-Arab I*, Weiner O*, O'Byrne J*, Lachapelle E*, Seguin L*, Lik M*, Ercolanese A*, Krixian Colada A*, Cross N*, Williams S, Baillet S, **Dang-Vu TT**. *Theta-gamma cross frequency coupling during rapid-eye-movement sleep is associated with declarative memory retention and working memory performance in seniors but not in young adults*; presented at the 2019 edition of World Sleep congress, Vancouver, September 2019.
46. McCarthy MA*, Smith D*, Perrault A*, Pomares FB*, Switzer A, Madigan E*, Suliteanu J*, Habibi K*, **Dang-Vu, TT**, Gouin JP, *Resting Respiratory Sinus Arrhythmia Moderates the Relationship Between Daily Stress Exposure and Insomnia*; presented at the 2019 edition of World Sleep congress, Vancouver, September 2019.
47. Gouin JP, **Dang-Vu TT**, Smith D*, Perrault A*, McCarthy M*. *Chronic stress and sleep efficiency among individuals with an insomnia disorder*; presented at the 9th World Congress of Behavioural and Cognitive Therapies, Berlin (Germany), July 2019.
48. Abdallah C, Cai Z, Spilkin A, Keraudran H, Delaire E, **Dang-Vu TT**, Mograss M*, Lina JM, Kobayashi E, Grova C. *Hemodynamic response to interictal epileptiform discharges: whole-night simultaneous EEG-NIRS recordings in drug-resistant epilepsy*; presented at the 2019 Annual Meeting of the American Epilepsy Society, Baltimore (US), December 2019.
49. Lee K, Jegou A*, Pomares F*, Cross N*, Perrault A*, Nguyen A*, Aydin U, Gotman J, **Dang-Vu TT**, Grova C. *Reorganization of functional hubs during non-rapid-eye-movement sleep after sleep deprivation*; presented at the 25th Annual Meeting of the Organization for Human Brain Mapping, Rome (Italy), June 2019.
50. Cross N*, Chouchou F*, Gosselin N, Carrier J, Thompson C, Postuma R, **Dang-Vu TT**. *Insomnia and cognitive function in older adults: a cross-sectional analysis of the Canadian Longitudinal Study on Aging*; presented at the 24th Congress of the European Sleep Research Society, Basel (Switzerland), Sept 2018.
51. Weiner O*, O'Byrne J*, Bolanis D*, Giraud J*, Homer L*, Tarelli L*, Yue V*, Walker K*, Tamaddon R*, Carbone R*, Lumia J*, Eddebarh K*, Chhuon K*, Smith D*, Mograss M*, Cross N*, **Dang-Vu TT**. *Associations between brain oscillation cross-frequency coupling during sleep and declarative learning in healthy older adults*; presented at the 24th Congress of the European Sleep Research Society, Basel (Switzerland), September 2018.
52. Pomares F*, Jegou A*, Smith D*, Aydin U, Grova C, **Dang-Vu TT**. *Post-nap performance and brain activation recovery after total sleep deprivation*; presented at the 24th Annual Meeting of the Organization for Human Brain Mapping, Singapore, June 2018.
53. Chouchou F*, **Dang-Vu TT**, Gouin JP, Miro E, Martinez MP, Sanchez AI, Prados G. *Effect of cognitive behavioural therapy on nocturnal autonomic activity in patients with fibromyalgia: a preliminary study*; presented at the 32nd Annual Meeting of the Associated Professional Sleep Societies, Baltimore (USA), June 2018.
54. Weiner O*, O'Byrne J*, Giraud J*, Bolanis D*, Tarelli L*, Homer L*, Yue V*, Walker K*, Tamaddon R*, Carbone R*, Chhuon K*, Eddebarh K*, Lumia J*, Smith D*, Cross N*, **Dang-Vu TT**. *Associations between EEG cross-frequency coupling during sleep and declarative learning in healthy older adults: a pilot study*; presented at the 2nd International Sleep Spindling Conference, Budapest (Hungary), May 2018.

55. Cross N*, Essounni M*, Salimi A*, Desrosiers C*, Guérin FA*, Homer L*, Duguay C*, Moretto U*, Grégoire-Boyer S*, Paquin D*, Giraud J*, Houle E*, Mograss M*, Weiner O*, Boucetta S*, Berthomier C, Brandewinder M, Guimond A, Clerc D, Andriamampionona F, Lussier D, Gilbert S, Grenier S, Gouin JP, Tannenbaum C, **Dang-Vu TT**. *Withdrawal from benzodiazepines in older adults with chronic insomnia is associated with a reduction in sleep spindles*; presented at the 2nd International Sleep Spindling Conference, Budapest (Hungary), May 2018.
56. Piantoni G, O’Byrne J*, Cross N*, **Dang-Vu TT**. *Wonambi: an open source toolbox for the analysis of sleep spindles and related EEG oscillations*; presented at the 2nd International Sleep Spindling Conference, Budapest (Hungary), May 2018.
57. Jegou A*, Schabus M, Gosseries O, Dahmen B, Albouy G, Desseilles M, Sterpenich V, Phillips C, Maquet P, Grova C, **Dang-Vu TT**. *Thalamocortical reactivation during sleep spindles after declarative learning*; presented at the 23rd Annual Meeting of the Organization for Human Brain Mapping, Vancouver (Canada), June 2017.
58. Pomares D*, Boucetta S*, Montplaisir J, Lachapelle F, Cha J, Kim H, **Dang-Vu TT**. *Multivariate changes of structural covariance and functional connectivity networks in idiopathic hypersomnia*; presented at the 23rd Annual Meeting of the Organization for Human Brain Mapping, Vancouver (Canada), June 2017.
59. Mograss M*, Crosetta M, Robertson E, Pepin V, **Dang-Vu TT**. *Combined acute effects of short-term exercise and sleep on declarative memory in young, sedentary adults: a pilot study*; presented at the 31st Annual Meeting of the Associated Professional Sleep Societies, Boston (USA), June 2017.
60. Pomares D*, Boucetta S*, Montplaisir J, Lachapelle F, Cha J, Kim H, **Dang-Vu TT**. *Structural brain abnormalities in idiopathic hypersomnia*; presented at the 31st Annual Meeting of the Associated Professional Sleep Societies, Boston (USA), June 2017.
61. Smith D*, Salimi A*, O’Byrne J*, Hatch B*, Mograss M*, Gouin JP, **Dang-Vu TT**. *The relationship between sleep misperception and spindle architecture in primary insomnia*; presented at the 8th Conference of the Canadian Sleep Society, Calgary, April 2017.
62. Boucetta S*, Montplaisir J, Lachapelle F, Gravel P, **Dang-Vu TT**. *Altered brain perfusion patterns in idiopathic hypersomnia*; presented at the 23rd Congress of the European Sleep Research Society, Bologna (Italy), September 2016.
63. Gouin J-P, Brouillard M, MacNeil S, Caldwell W, **Dang-Vu TT**. *High-frequency heart rate variability reactivity to worry and trait worry interact to predict stress related sleep disturbances*; presented at the 23rd Congress of the European Sleep Research Society, Bologna (Italy), September 2016.
64. Boucetta S*, Montplaisir J, Lachapelle F, Gravel P, **Dang-Vu TT**. *Altered brain perfusion patterns in idiopathic hypersomnia*; presented at the 30th Annual Meeting of the Associated Professional Sleep Societies, Denver (USA), June 2016.
65. O’Byrne J*, Weiner O*, **Dang-Vu TT**. *A role for spindle-slow wave synchrony in sleep-dependent declarative memory consolidation*; presented at the 1st International Sleep Spindling Conference, Budapest (Hungary), May 2016
66. Boucetta S*, Salimi A*, Dadar M, Jones B, Collins L, and **Dang-Vu TT**. *Altérations neurostructurelles associées au trouble du comportement en sommeil paradoxal dans la maladie de Parkinson*; Congrès de la Société Québécoise pour la Recherche en Psychologie, Trois-Rivières, April 2016.
67. Salimi A*, Hatch B*, Mograss M, Packwood K*, Boucetta S*, Weiner O*, O’Byrne J*, Brandewinder M, Berthomier C, Gouin JP, **Dang-Vu TT**. *Sleep Microarchitecture in Chronic Primary Insomnia*; presented at the 7th World Congress of the World Sleep Federation, Istanbul (Turkey), November 2015.

68. Hatch B*, Mograss M, Salimi A*, Boucetta S*, O'Byrne J*, Weiner O*, Brandewinder M, Berthomier C, Gouin JP, **Dang-Vu TT**. *Sleep oscillations at baseline predict responses to cognitive behavioural therapy for chronic insomnia*; presented at the 7th World Congress of the World Sleep Federation, Istanbul (Turkey), November 2015.
69. Salimi A*, Hatch B*, Mograss M, Packwood K*, Boucetta S*, Weiner O*, O'Byrne J*, Brandewinder M, Berthomier C, Gouin JP, **Dang-Vu TT**. *Sleep Microarchitecture in Chronic Primary Insomnia*; presented at the 7th Conference of the Canadian Sleep Society, Toronto, September 2015.
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71. Boucetta S*, Salimi A*, Dadar M*, Jones B., Collins L., and **Dang-Vu T.T**. *Brain structural abnormalities associated with rapid eye movement sleep behaviour disorder in Parkinson's disease*; presented at the 7th Conference of the Canadian Sleep Society, Toronto, September 2015.
72. Hudon C., St-Pierre C., Fouquet C., Ansaldo A.A., Bruneau M.A., **Dang-Vu T.T.**, Gagnon J.F., Grenier S., Lorrain D., Phillips N., Poulin S., Rajah N., Belleville S., & the CIMA-Q group. *Predicting Cognitive Decline using Neuropsychiatric Questionnaires: A Meta-Analysis*; presented at the Alzheimer's Association International Conference, Washington DC (USA), July 2015.
73. Gouin J.-P., **Dang-Vu T.T**. *High Frequency Heart Rate Variability as Predictor Of Treatment Response To Cognitive-behavioral Therapy For Insomnia*; presented at the 6th World Congress on Sleep Medicine, Seoul (South Korea), March 2015.
74. Piantoni G, Stoffers D, **Dang-Vu TT**, Maquet P, Van Der Werf YD, and Van Someren EJW *Involvement of phasic brainstem activity in the preferential anterior-to-posterior direction of traveling cortical slow waves in human sleep EEG*; presented at the 44th Annual Meeting of the Society for Neuroscience, Washington DC (USA), November 2014.
75. O'Byrne J*, Boucetta S*, Salimi A*, Reed L*, Malhi O*, Zhang V*, Arcelin A*, Wenzel K*, Brandewinder M, Berthomier C, Gouin JP, and **Dang-Vu TT** *Spindles and slow waves predict treatment responses to cognitive-behavioural therapy for chronic primary insomnia*; presented at the 22nd Congress of the European Sleep Research Society, Tallinn (Estonia), September 2014.
76. Boucetta S*, Salimi A*, Dadar M*, Jones BE, Collins DL, and **Dang-Vu TT**. *Brain structural abnormalities associated with rapid eye movement sleep behaviour disorder in Parkinson's disease*; presented at the 22nd Congress of the European Sleep Research Society, Tallinn (Estonia), September 2014.
77. Suh S, Kim H, **Dang-Vu TT**, Hong S, Shin C. *Cortical thinning in patients with persistent insomnia is associated with reduced structural connectivity in the default mode network*; presented at the 22nd Congress of the European Sleep Research Society, Tallinn (Estonia), September 2014.
78. Gouin JP, Wenzel K*, Deschenes S*, **Dang-Vu TT**. *Heart rate variability predicts sleep efficiency*; presented at the 5th World Congress on Sleep Medicine, Valencia (Spain), September 2013.
79. Ly J, **Dang-Vu TT**, Chellappa SL, Schabus M, Vandewalle G, Phillips C, Maquet P. *Neural correlates of sleep onset period assessed by simultaneous EEG/fMRI*; presented at the 27th Annual Meeting of the Associated Professional Sleep Societies, Baltimore (USA), June 2013.
80. Labelle MA, **Dang-Vu TT**, Montplaisir J, Zadra A. *Effects of sleep deprivation on inhibitory processes in adult sleepwalkers*; presented at the 41st Annual Meeting of the International Neuropsychological Society, Hawaii (USA), February 2013.

81. **Dang-Vu T.T.** *Functional neuroimaging of parasomnias*; presented at the 21st Congress of the European Sleep Research Society, Paris (France), September 2012.
82. Schabus M, Heib D, **Dang-Vu TT**, Boly M, Albouy G, Gais S, Phillips C, Schmidt C, Vandewalle G, Maquet P. *The fate of incoming stimuli during deep sleep is determined by spontaneous NREM sleep features*; presented at the 21st Congress of the European Sleep Research Society, Paris (France), September 2012.
83. Schabus M., **Dang-Vu T.T.**, Boly M., Heib D., Desseilles M., Albouy G., Darsaud A., Schmidt C., Gais S., Vandewalle G., Phillips C., Degueldre C., Balteau E., Luxen A., Maquet P. *The fate of incoming stimuli during deep sleep is determined by spontaneous NREM sleep features*; presented at the 18th Annual Meeting of the Organization for Human Brain Mapping, Beijing (China), June 2012.
84. Albouy G, Matarazzo L, Schmidt C, Foret A, Mascetti L, Desseilles M, **Dang-Vu TT**, Orban P, Balteau E, Phillips C, Degueldre C, Benali H, Peigneux P, Luxen A, Karni A, Maquet P, Korman M, Doyon J. *Individual differences in sensitivity to interference during motor sequence learning: an fMRI study*; presented at the 18th Annual Meeting of the Organization for Human Brain Mapping, Beijing (China), June 2012.
85. **Dang-Vu TT**, Labelle MA, Petit D, Soucy JP, Zadra A, Montplaisir J. *Functional neuroimaging of sleepwalking*; presented at the 26th Annual Meeting of the Associated Professional Sleep Societies, Boston (USA), June 2012.
86. Piantoni G, **Dang-Vu TT**, Van Der Werf Y, Maquet P, Van Someren EJW. *fMRI of the Locus Coeruleus during Slow Wave Sleep*; presented at the 26th Annual Meeting of the Associated Professional Sleep Societies, Boston (USA), June 2012.
87. **Dang-Vu TT**, Gagnon JF, Vendette M, Soucy JP, Postuma R, Montplaisir J. *Hippocampal perfusion predicts the emergence of neurodegenerative disease in idiopathic REM sleep behavior disorder*; presented at the 4th World Congress on Sleep Medicine, Quebec City (Canada), September 2011.
88. Desseilles M, Phillips C, Matthews J, **Dang-Vu TT**, Sterpenich V, Albouy G, Schmidt C, Darsaud A, Salmon E, Vandewalle G, Balteau E, Degueldre C, Luxen A, Ansseau M, Schwartz S, Maquet P. *Locus-coeruleus activation in patients with major depression and suicidal ideations*; presented at the 17th Annual Meeting of the Organization for Human Brain Mapping, Quebec City (Canada), June 2011.
89. Albouy G, Sterpenich V, Vandewalle G, Darsaud A, Gais S, Rauchs G, Desseilles M, **Dang-Vu T**, Degueldre C, Maquet P. *Role of sleep in visuomotor adaptation memory consolidation assessed by fMRI*; presented at the 25th Annual Meeting of the Associated Professional Sleep Societies, Minneapolis (USA), June 2011.
90. **Dang-Vu TT**, McKinney S, Buxton O, Solet J, Ellenbogen J. *Spontaneous brain rhythms predict sleep stability in the face of noise*; presented at the 40th Annual Meeting of the Society for Neuroscience, San Diego (USA), November 2010.
91. McKinney S, **Dang-Vu TT**, Buxton O, Solet J, Ellenbogen J. *Covert waking brain rhythms predict sleep stability in the face of noise*; presented at the 40th Annual Meeting of the Society for Neuroscience, San Diego (USA), November 2010.
92. **Dang-Vu TT**, McKinney S, Buxton O, Solet J, Ellenbogen J. *Disruption of sleep by sound is predicted by spindle density in humans*; presented at the 20th Congress of the European Sleep Research Society, Lisbon (Portugal), September 2010.
93. **Dang-Vu TT**, McKinney S, Buxton O, Solet J, Ellenbogen J. *Predicting the influence of sound on sleep*; presented at the 24th Annual Meeting of the Associated Professional Sleep Societies, San Antonio (USA), June 2010.

94. **Dang-Vu TT**, Schabus M, Bonjean M, Boly M, Darsaud A, Desseilles M, Phillips C and Maquet P. *EEG/fMRI correlates of K-complexes and Auditory processing during Non-REM sleep*; presented at the 15th Annual Meeting of the Organization for Human Brain Mapping, San Francisco (USA), June 2009.
95. Desseilles M, Schwartz S, **Dang-Vu TT**, Sterpenich V, Albouy G, Schmidt C, Salmon E, Darsaud A, Vandewalle G, Anseau M and Maquet P. *Neurobiological bases of suicidality in major depression*; presented at the 9th World Congress of Biological Psychiatry, Paris (France), June 2009.
96. **Dang-Vu TT**, Schabus M, Boly M, Bonjean M, Albouy G, Darsaud A, Desseilles M, Schmidt C, Sterpenich V, Luxen A, Phillips C and Maquet P. *Blockade of auditory information processing during sleep spindles in humans: an EEG/fMRI study*; presented at the 38th Annual Meeting of the Society for Neuroscience, Washington DC (USA), November 2008.
97. **Dang-Vu T.T.**, Schabus M., Boly M., Bonjean M., Darsaud A., Desseilles M., Phillips C. and Maquet P. *Processing of sounds during sleep spindles in humans: an EEG/fMRI study of auditory stimulation in non-REM sleep*; presented at the 19th Congress of the European Sleep Research Society, Glasgow (UK), September 2008.
98. Schabus M, Hödlmoser K, Klimesch W, **Dang-Vu T** and Maquet P. *Oscillatory events in light non-REM sleep*; presented at the 29th International Congress of Psychology, Berlin (Germany), July 2008.
99. **Dang-Vu TT**, Schabus M, Boly M, Bonjean M, Darsaud A, Desseilles M, Phillips C and Maquet P. *Processing of sounds during sleep spindles in humans: an EEG/fMRI study of auditory stimulation in non-REM sleep*; presented at the 22nd Annual Meeting of the Associated Professional Sleep Societies, Baltimore (USA), June 2008.
100. Darsaud A, Dehon H, Sterpenich V, **Dang-Vu T**, Desseilles M, Gais S, Matarazzo L, Schabus M, Vandewalle G, Luxen A, Collette F, Maquet P. *Cerebral correlates of False Memories after Sleep and Sleep Deprivation*; presented at the 15th annual meeting of the Cognitive Neuroscience Society, San Francisco (USA), April 2008.
101. Albouy G, Sterpenich V, Darsaud A, Rauchs G, Vandewalle G, **Dang-Vu T**, Gais S, Desseilles M, Balteau E, Degueldre C, Luxen A, Peigneux P, Luppi PH, Lecaigard F, Delpuech C, Bertrand O, Maquet P. *The role of sleep in motor memory consolidation assessed by fMRI and MEG*; presented at the 37th annual meeting of the Society for Neuroscience, San Diego (USA), November 2007.
102. Sterpenich V, Albouy G, Darsaud A, Schmidt C, Vandewalle G, Desseilles M, **Dang-Vu T**, Maquet P. *Sleep deprivation on the post-encoding night modifies the neural correlates of emotional memory retrieval 6 months later*; presented at the 37th annual meeting of the Society for Neuroscience, San Diego (USA), November 2007.
103. Bonjean M, Waroux O, Engel D, **Dang-Vu T**, Phillips C, Lamy C, Scuvée-Moreau J, Sepulchre R, Maquet P, Seutin V. *Effect of the M-current on the excitability of midbrain dopaminergic neurons: a computational study*; presented at the 37th annual meeting of the Society for Neuroscience, San Diego (USA), November 2007.
104. **Dang-Vu TT**, Schabus M, Desseilles M, Boly M, Darsaud A, Balteau E, Degueldre C, Luxen A, Phillips C and Maquet P. *Human Brain is Active during Deep Non-REM Sleep*; presented at the 5th World Congress of the World Federation of Sleep Research and Sleep Medicine Societies, Cairns (Australia), September 2007.
105. Schabus M, **Dang-Vu TT**, Balteau E, Degueldre C, Gais S, Phillips C and Maquet P. *Hemodynamic Cerebral Correlates of Sleep Spindles during Human Non-REM Sleep*; presented at the 5th World Congress of the World Federation of Sleep Research and Sleep Medicine Societies, Cairns (Australia), September 2007.

106. Schabus M, **Dang-Vu TT**, Boly M, Phillips C, Laureys S, Luxen A and Maquet P. *Auditory Stimulation during Human Slow Wave Sleep in a Simultaneous Electroencephalography (EEG) and Functional Magnetic Resonance Imaging (fMRI) Study*; presented at the 5th World Congress of the World Federation of Sleep Research and Sleep Medicine Societies, Cairns (Australia), September 2007.
107. Bonjean M, **Dang-Vu TT**, Phillips C, Maquet P, Sepulchre R and Sejnowski T. *An in computo investigation of the Landau-Kleffner syndrome reveals plausible mechanisms and the impact of slow-wave sleep on generalization of permanent epileptic discharges*; presented at the 5th World Congress of the World Federation of Sleep Research and Sleep Medicine Societies, Cairns (Australia), September 2007.
108. **Dang-Vu TT**, Schabus M, Desseilles M, Balteau E, Degueldre C, Gais S, Phillips C and Maquet P. *Active brain processes during human quiescent sleep: an EEG / fMRI study of non-REM slow oscillations*; presented at the 17th Meeting of the European Neurological Society, Rhodes (Greece), June 2007.
109. **Dang-Vu TT**, Schabus M, Desseilles M, Boly M and Maquet P. *Activations cérébrales au cours du Sommeil Lent*; presented at the Journées de Neurologie de Langue Française, Paris (France), April 2007.
110. **Dang-Vu TT**, Schabus M, Balteau E, Degueldre C, Gais S, Philips C and Maquet P. *Active brain processes during quiescent sleep*; presented at the 18th Congress of the European Sleep Research Society, Innsbruck (Austria), September 2006.
111. Schabus M, **Dang-Vu TT**, Balteau E, Degueldre C, Gais S, Philips C and Maquet P. *Neural correlates of sleep spindles as revealed by simultaneous electroencephalography (EEG) and functional magnetic resonance imaging (fMRI)*; presented at the 18th Congress of the European Sleep Research Society, Innsbruck (Austria), September 2006.
112. Darsaud A, Balteau E, Desseilles M, Sterpenich V, Vandewalle G, Albouy G, **Dang-Vu T**, Collette F, Boly M, Garraux G, Peigneux P, Degueldre C, Wagner U, Luxen A and Maquet P. *Brain responses elicited during training foreshadow post-sleep insight*; presented at the 12th Annual Meeting of the Organization for Human Brain Mapping, Florence (Italy), June 2006.
113. Schmidt C, **Dang-Vu T**, Orban P, Perrin F, Vandewalle G, Dijk D-J, Collette F, Peigneux P. *Time-of-day modulations of regional cerebral blood flow response in functional brain imaging studies: a meta-analysis*; presented at the 20th Annual Meeting of the Associated Professional Sleep Societies, Salt Lake City (USA), June 2006.
114. Montplaisir J, Rompré S, Whittom S, **Dang-Vu T**, Dauvilliers Y, Lavigne G. *Prevalence and functional significance of periodic leg movements in narcolepsy*; presented at the 19th Annual Meeting of the Associated Professional Sleep Societies, Denver (USA), June 2005.
115. Desseilles M, **Dang-Vu T**, Laureys S, Peigneux P, Vandewalle G, Balteau E, Sterpenich V, Albouy G, Darsaud A, Degueldre C, Luxen A and Maquet P. *A prominent role for amygdaloid complexes in the variability of heart rate during rapid eye movement (REM) sleep*; presented at the 11th Annual Meeting of the Organization for Human Brain Mapping, Toronto (Canada), June 2005.
116. Albouy G, Ruby P, Balteau E, Sterpenich V, Vandewalle G, Desseilles M, **Dang-Vu T**, Darsaud A, Degueldre C, Luppi PH, Luxen A, Peigneux P and Maquet P. *Neural correlates of fast and slow ocular sequence learning*; presented at the 11th Annual Meeting of the Organization for Human Brain Mapping, Toronto (Canada), June 2005.
117. Schmidt C, **Dang-Vu T**, Orban P, Vandewalle G, Destrebecqz A, D'Argembeau A, Garraux G, Laureys S, Lekeu F, Majerus S, Salmon E, Perrin F, Dijk DJ, Maquet P, Collette F and Peigneux P. *Time-of-day modulations of rCBF response in functional brain imaging studies: a meta-analysis*; presented at the 11th Annual Meeting of the Organization for Human Brain Mapping, Toronto (Canada), June 2005.

118. Vandewalle G, Balteau E, Moreau V, Sterpenich V, Albouy G, Darsaud A, Desseilles M, **Dang-Vu T**, Schmidt C, Degueldre C, Luxen A, Peigneux P, Dijk DJ and Maquet P. *Neural correlates of a non-image forming response to light exposure during the daytime: a fMRI study*; presented at the 11th Annual Meeting of the Organization for Human Brain Mapping, Toronto (Canada), June 2005.
119. Montplaisir J, Whittom S, **Dang-Vu T**, Dauvilliers Y, Rompré S. *Periodic Leg Movements during Sleep and Waking in Narcolepsy*; presented at the 57th Annual Meeting of the American Academy of Neurology, Miami (USA), April 2005.
120. **Dang-Vu TT**, Maquet P, Desseilles M, Laureys S, Degueldre C, Perrin F, Philips C and Peigneux P. *Cerebral correlates of delta waves during human sleep-wake cycle*; presented at the 17th Congress of the European Sleep Research Society, Prague (Czech Republic), October 2004.
121. Desseilles M, Laureys S, **Dang-Vu T**, Peigneux P and Maquet P. *A prominent role for amygdaloid complexes in the variability of heart rate during rapid eye movement (REM) sleep*; presented at the 17th Congress of the European Sleep Research Society, Prague (Czech Republic), October 2004.
122. **Dang-Vu TT**, Melchior G, Laureys S, Degueldre C, Perrin F, Philips C, Maquet P and Peigneux P. *Cerebral correlates of spindles and delta waves during human sleep-wake cycle*; presented at the 10th Annual Meeting of the Organization for Human Brain Mapping, Budapest (Hungary), June 2004.
123. Leprince P, Desseilles M, **Dang-Vu T**, Chanas-Sacré G and Moonen G. *Origin and differentiation of cerebellar astroglial cells*; presented at the 5th European Meeting on Glial Cell Function in Health and Disease, Rome (Italy), May 2002.
124. Leprince P, Desseilles M, **Dang-Vu T**, Chanas-Sacré G and Moonen G. *Origin and differentiation of cerebellar astroglial cells*; presented at the 14th Meeting of the International Society for Developmental Neuroscience, Sydney (Australia), January 2002.

2.6. Symposia presentations (total = 35)

1. **Dang-Vu TT**, 46th Annual Meeting of the Mexican Academy of Neurology, Symposium: “**Sleep Disorders**”, Speaker, Leon (Mexico), Oct 30 - Nov 5th, 2022: *Neuroimaging of sleep and sleep disorders*.
2. **Dang-Vu TT**, 46th Annual Meeting of the Mexican Academy of Neurology, Symposium: “**Sleep Disorders**”, Speaker, Leon (Mexico), Oct 30 - Nov 5th, 2022: *Sleep and cognitive health: mechanisms and clinical perspectives*.
3. **Dang-Vu TT**, “**Beyond Sleepy 2022**”, symposium organized by the Hypersomnia Foundation, Speaker, Charlotte (USA), June 4, 2022: *Neuroimaging Consortium on Hypersomnolence (NICHY)*.
4. **Dang-Vu TT** & Van der Werf Y, World Sleep 2022 Congress of the World Sleep Society, Symposium: “**Inaugural meeting of the Hypersomnolence Neuroimaging Consortium**”, Co-Chair & Speaker, Rome (Italy), March 13–16, 2022.
5. **Dang-Vu TT**, “**Sleep – Mini Symposium**”, symposium organised by the laboratory for sleep and consciousness research at the University of Salzburg, Speaker, Salzburg (Austria), February 8, 2022: *Exercising before a nap benefits memory better than napping or exercising alone*.
6. **Dang-Vu TT**, “**12th European Narcolepsy Days**”, symposium organised by the European Sleep Foundation, Speaker, Berlin (Germany), September 18, 2021: *Imaging in hypersomnolence disorders*.
7. **Dang-Vu TT**, 25th Congress of the European Sleep Research Society, Symposium: “**The neural correlates of central disorders of hypersomnolence**”, Speaker, Sevilla (Spain), Sept 22-25, 2020: *Neuroimaging of idiopathic hypersomnia – Cancelled due to COVID-19*

8. **Dang-Vu TT**, “**Sleep, Cognition and Consciousness**”, winter symposium organised by the laboratory for sleep and consciousness research at the University of Salzburg, Speaker, Werfenweng (Austria), February 27-29 2020: *Sleep spindles and memory consolidation during sleep: recent findings*
9. **Dang-Vu TT**, “**Hypersomnia Educational Meeting**”, symposium organized by the Hypersomnia Foundation, Speaker, Chicago (USA), October 19, 2019: *Beyond sleepy: structural and functional changes of the default-mode network in idiopathic hypersomnia*
10. **Dang-Vu TT**, 16th edition of the Research Days of the Quebec Network for Research on Aging (RQRV), Symposium: “**FRQ platform of funding programs for intersectoral research on aging 2019-2020 – Audace and Living Lab programs**”, Speaker, Montreal (Canada), October 1-2, 2019: *Le lit berceau: une solution audacieuse aux troubles du sommeil chez les aînés.*
11. **Dang-Vu TT**, “**Mini Symposium on Sleep, Brain Plasticity and Cognition**”, co-hosted by the PERFORM Center and the Center for Studies in Behavioral Neurobiology, Concordia University, Chair and Organizer, Montreal (Canada), September 27, 2019.
12. **Dang-Vu TT**, World Sleep 2019 Congress of the World Sleep Society, Symposium: “**Neuroscience and neuroimaging insights into central disorders of hypersomnolence**”, Speaker, Vancouver (Canada), September 20–25, 2019: *Functional and structural neuroimaging of idiopathic hypersomnia.*
13. **Dang-Vu TT**, “**Beyond Sleepy**”, annual conference of the Hypersomnia Foundation, Speaker, Baltimore (Maryland, USA), June 2-3 2018: *Neuroimaging of Idiopathic Hypersomnia.*
14. **Dang-Vu TT**, “**International Insomnia Symposium**”, symposium organised by behavioral sciences and therapy laboratory at Sungshin Women’s University, Speaker, Seoul (South Korea), March 24 2018: *Brain rhythms during sleep: from physiological mechanisms to clinical applications for insomnia.*
15. **Dang-Vu TT**, “**Sleep, Cognition and Consciousness**”, winter symposium organised by the laboratory for sleep and consciousness research at the University of Salzburg, Speaker, Kaprun (Austria), March 2-4 2017: *Sleep spindles: from physiological mechanisms to clinical applications*
16. **Dang-Vu TT**, Biospective Symposium: “**Imaging and Digital Health Biomarkers for CNS Diseases**”, Speaker, Montreal (Canada), Nov 1-2, 2016: *Polysomnography and brain imaging for studying sleep.*
17. **Dang-Vu TT**, Winter Conference on Brain Research, Symposium: “**The neurobiology of sleep-wake oscillations**”, Speaker, Breckenridge (Colorado, USA), Jan 23-28, 2016: *Brain oscillations during human sleep: neural correlates, functions and clinical significance.*
18. **Dang-Vu TT**, 7th Conference of the Canadian Sleep Society, Symposium: “**New Insights into the Physiology and Function of Sleep Spindles in Humans**”, Co-Chair and Speaker, Toronto (Canada), Sept 25-27, 2015: *Sleep spindles in the development and treatment of insomnia.*
19. **Dang-Vu TT**, 38th Annual Meeting of the European Society of Neuroradiology (ESNR), Symposium: “**Pain and Sleep Disturbances**”, Speaker, Naples (Italy), Sept 16-20, 2015: *Neuroimaging in sleep medicine.*
20. **Dang-Vu TT**, 83rd Congress of the ACFAS (Association Francophone pour le Savoir), Symposium: “**Rôle du sommeil lent dans l’homéostasie, la plasticité cérébrale et la protection du sommeil**”, Speaker, Rimouski (Canada), May 25-29, 2015: *Les oscillations du sommeil lent dans l’insomnie.*
21. **Dang-Vu TT**, 6th Congress of the World Association of Sleep Medicine, Symposium: “**New Insights into the Neural Correlates of Insomnia**”, Speaker, Seoul (S. Korea), March 21–25, 2015: *Brain oscillations during sleep in insomnia.*
22. **Dang-Vu TT**, 6th Conference of the Canadian Sleep Society, Symposium: “**Advances in the Basic Science and Clinical Understanding of Brain Arousal States**”, Speaker, Halifax (Canada), Oct 4-6, 2013: *Functional neuroimaging of sleep rhythms and sleep disorders.*

23. **Dang-Vu TT**, 5th Congress of the World Association of Sleep Medicine, Symposium: “**Interpreting and Evaluating Parasomnias**”, Speaker, Valencia (Spain), Sept 28 – Oct 2, 2013: *Neuroimaging of REM and non-REM parasomnias*.
24. **Dang-Vu TT**, 7th Annual Meeting of the Canadian Association for Neuroscience, Symposium: “**Advances in the Basic Science and Clinical Understanding of Brain Arousal States**”, Speaker, Toronto (Canada), May 21-24, 2013: *Functional neuroimaging of brain rhythms during sleep*.
25. **Dang-Vu TT**, “**Sleep mechanisms and disorders: from cells to behaviour**”, Spring 2013 Colloquium and Workshop of the Center for Studies in Behavioral Neurobiology, Concordia University, Chair and Speaker, Montreal (Canada), May 2-3, 2013: *Functional neuroimaging of sleep and its disorders*.
26. **Dang-Vu TT**, “**Sleep, Cognition and Consciousness**”, symposium organised for the 10th anniversary of the sleep research laboratory at the University of Salzburg, Speaker, Salzburg (Austria), December 13-14, 2012: *Sleep spindles in combined EEG/fMRI*.
27. **Dang-Vu TT**, 21st Congress of the European Sleep Research Society, Symposium: “**Neuroimaging Insights into the Pathophysiology of Sleep Disorders**”, Chair and Speaker, Paris (France), Sept 4-8, 2012: *Functional neuroimaging of parasomnias*
28. **Dang-Vu TT**, 26th Annual Meeting of the Associated Professional Sleep Societies, Symposium: “**Functional Significance of Sleep Spindles**”, Chair and Speaker, Boston (USA), June 9-13, 2012: *Functional brain imaging of spindles*
29. **Dang-Vu TT**, “**Cerebral Rhythms**”, Symposium of the French Society of Clinical Neurophysiology, Speaker, Paris (France), January 26-27, 2009: *Sleep rhythms: an EEG/fMRI analysis*
30. **Dang-Vu TT**, Donders Discussions 2008, Symposium on **Functional Neuroimaging**, Speaker, Nijmegen (Netherlands), October 3-4, 2008: *Use of simultaneous EEG/fMRI recordings in the study of sleep physiology*
31. **Dang-Vu TT**, “**Sleep and Psychopathology**”, Symposium of the Belgian College of Neuropsychopharmacology and Biological Psychiatry, Speaker, Lille (France), May 24, 2008: *Normal and pathological sleep: contribution of brain imaging*
32. **Dang-Vu TT**, “**A Primer of Sleep Research: Focus on Brain Imaging and Sleep**”, symposium organised by the Sleep Research Society, Speaker, La Jolla (California, USA), February 9-11, 2007: *Active brain processes during human quiescent sleep: an EEG / fMRI study of non-REM slow oscillations*.
33. **Dang-Vu TT**, 8th Annual International Clinical Symposium Kempenhaeghe “**Neuroimaging: Epilepsy and Sleep**”, Speaker, Kempenhaeghe – Heeze (Netherlands), March 31, 2006: *Neuroimaging of normal human sleep revisited*
34. **Dang-Vu TT**, Symposium “**Sleep and Neurology**”, Speaker, Luxemburg, January 25, 2006: *Functional neuroanatomy of normal human sleep*
35. **Dang-Vu TT**, 2nd Congress of the Canadian Sleep Society, Symposium on **Functional Neuroimaging of Sleep**, Speaker, Québec (Canada), May 13-15, 2004: *Functional neuroanatomy of normal human sleep*

2.7. Invited Lectures (total = 77)

1. **Dang-Vu TT**, Les Conférences Mémorables (Société Alzheimer), virtual seminar, November 9, 2022: *Dormir pour mieux préserver sa mémoire*.
2. **Dang-Vu TT**, MedSleep, Sleep Medicine Rounds, virtual seminar, Oct 28, 2022: *Sleep and cognitive health: from neural mechanisms to clinical perspectives*

3. **Dang-Vu TT**, Continuous Medical Education, International Centre for Professional Development in Health and Medicine (ICPDHM), virtual seminar, Oct 11, 2022: *Mises à jour sur la prise en charge de la narcolepsie*
4. **Dang-Vu TT**, Seminar Series, Sleep and Circadian Neuroscience Institute (SCNi), University of Oxford, Oxford (UK), June 30, 2022: *Sleep and cognitive health: from neural mechanisms to clinical perspectives*
5. **Dang-Vu TT**, Conférence du GIGA-CRC in vivo Imaging de l'Université de Liège, Liège (Belgique), May 16, 2022: *Sommeil, cognition et neuroimagerie: mécanismes et perspectives cliniques*
6. **Dang-Vu TT**, Colloque 'Le bureau en gros 2022 : la boîte à outils pour votre pratique clinique', Webinar, April 29, 2022: *Insomnie chez la personne âgée.*
7. **Dang-Vu TT**, Conférence de l'Institut Blood & Brain de l'Université Caen-Normandie, Caen (France), April 12, 2022: *Sommeil et santé cognitive: mécanismes et perspectives cliniques*
8. **Dang-Vu TT**, Cognitive Science Club at University Vita-Salute San Raffaele, Milan (Italy), March 9, 2022: *Sleep and cognitive health: neural mechanisms and clinical perspectives.*
9. **Dang-Vu TT**, Conférence du Département de Médecine du CHUM, Webinar, February 16, 2022: *Insomnie chronique : impacts, évaluation et traitements.*
10. **Dang-Vu TT**, Colloque francophone de médecine de Moncton 2021, Webinar, December 3, 2021: *L'insomnie en gériatrie.*
11. **Dang-Vu TT**, 2nd National Training Course on Sleep Medicine, Webinar, November 18-19, 2021: *Insomnia: diagnosis and management.*
12. **Dang-Vu TT**, Sleep and Health Webinar, University of Birmingham (UK), Nov 10, 2021: *Sleep and cognitive health: neural mechanisms and clinical perspectives*
13. **Dang-Vu TT**, Conférence midi du CRIUGM, Nov 10, 2021: *Sommeil et santé cognitive: mécanismes et perspectives cliniques*
14. **Dang-Vu TT**, Continuous Medical Education, Association des Médecins Omnipraticiens de l'Estrie (AMOÉ), virtual seminar, May 19, 2021: *Insomnie en 2021, comment s'en occuper adéquatement ?*
15. **Dang-Vu TT**, McGill Cares Webcast Series, May 18, 2021: *The importance of sleep to cognitive health.*
16. **Dang-Vu TT**, 7th Annual Perform Center Research Conference: Lifestyle Across the Lifespan, May 11, 2021: *Sleep and cognitive health: neural mechanisms and clinical perspectives.*
17. **Dang-Vu TT**, Society of Behavioral Sleep Medicine, Science and Research Webinar, April 28, 2021: *Neurophysiological biomarkers of insomnia.*
18. **Dang-Vu TT**, Canadian Sleep Society / Canadian Sleep & Circadian Network public seminar for World Sleep Day 2021, virtual seminar, March 26, 2021: *Insomnia, don't sleep on it!*
19. **Dang-Vu TT**, Continuous Medical Education, McGill University, virtual seminar, March 10, 2021: *Updates on the management of insomnia disorder.*
20. **Dang-Vu TT**, Teaching in times of COVID, Center for Teaching and Learning (Concordia University), virtual seminar, December 14, 2020: *Remote teaching: how to implement self-care during the pandemic.*
21. **Dang-Vu TT**, Les Belles Soirées (Université de Montréal), virtual seminar, November 26, 2020: *Dormir pour mieux préserver sa mémoire.*
22. **Dang-Vu TT**, Town Hall Meeting, Concordia University Advancement, virtual seminar, November 25, 2020: *Sleep to better preserve memory.*
23. **Dang-Vu TT**, Heart and Stroke Foundation Webinar, virtual seminar, May 26, 2020: *Le sommeil et la santé vasculaire*
24. **Dang-Vu TT**, PERFORM Centre Colloquium, virtual seminar, May 20, 2020: *Why and how to maintain a good sleep in a time of crisis.*

25. **Dang-Vu TT**, Workshop to develop a national strategy on the integration of sleep and circadian rhythms into public health research and policies, Montreal (Canada), January 17, 2020: *Web tool to treat insomnia and anxiety in the elderly*.
26. **Dang-Vu TT**, National Training Course on Sleep Medicine, Montreal (Canada), November 23, 2019: *Insomnia: diagnosis, management and special considerations in neurological patients*.
27. **Dang-Vu TT**, Annual Congress of the Quebec Geriatrics Society, Quebec City (Canada), October 10, 2019: *Énoncé de position de la SQG : l'insomnie chez la personne âgée*.
28. **Dang-Vu TT**, Meeting of University of Montreal RUISSS Committee on Aging, Montreal (Canada), October 4, 2019: *E-space bien vieillir: un outil pour la promotion des saines habitudes de vie des aînés*.
29. **Dang-Vu TT**, Seminar of the Regroupement des Unités de courte durée gériatriques et des services hospitaliers de gériatrie du Québec (RUSHGQ), Montreal (Canada), Lecture for geriatric healthcare professionals, April 16-23-30, 2019: *Prise en charge interprofessionnelle des troubles du sommeil chez la personne âgée en unité de courte durée gériatrique*.
30. **Dang-Vu TT**, Sleep and the Ageing Brain, McGill University, Montreal (Canada), Public Lecture organized by the Healthy Brain Healthy Lives initiative, February 27, 2019: *Sleep and the ageing brain: a brief overview of sleep disorders in the elderly*
31. **Dang-Vu TT**, Continuous Medical Education, McGill University, Montreal (Canada), Annual Refresher Course for Family Physicians, November 27, 2018: *Sleep disorders in the elderly*.
32. **Dang-Vu TT**, Extraordinary Seminar, Université de Genève, Genève (Switzerland), Sept 24, 2018: *Neuroimaging of Sleep and Sleep Disorders*.
33. **Dang-Vu TT**, Seminar Series of the Department of Psychology, Hong Kong University, Hong Kong (China), June 28, 2018: *Neuroimaging of Sleep and Sleep Disorders*.
34. **Dang-Vu TT**, Institut Universitaire de Gériatrie de Montréal, 4th colloquium of the Centre d'excellence en santé cognitive (CESCO), Montreal (Canada), March 15, 2018: *Les troubles du sommeil dans les maladies neurodégénératives: ce qu'il faut savoir*.
35. **Dang-Vu TT**, Seminar Series, Samsung Medical Center, Seoul (South Korea), March 21, 2018: *Neuroimaging of Sleep and Sleep Disorders*.
36. **Dang-Vu TT**, Seminar Series, Woolcock Institute of Medical Research, University of Sydney, Sydney (Australia), Dec 19, 2017: *Neuroimaging of Sleep and Sleep Disorders*.
37. **Dang-Vu TT**, Department of Exercise Science Lecture Series, Concordia University, Montreal (Canada), Oct 27, 2017: *Sleep spindles, from physiological mechanisms to clinical applications*.
38. **Dang-Vu TT**, Signature Seminar Series, Duke-NUS Medical School, Singapore, July 25, 2017: *Neuroimaging of Sleep and Sleep Disorders*.
39. **Dang-Vu TT**, Centre de Recherche de l'Institut Universitaire de Gériatrie de Montréal, Seminar of the Functional Neuroimaging Unit, Montreal (Canada), April 6, 2017: *Neuroimagerie du sommeil et de ses troubles*.
40. **Dang-Vu TT**, Continuous Medical Education, University of Montreal, Montreal (Canada), Conference Day on 'Sleep Disorders and Chronic Pain', February 3, 2017: *Insomnia: impact and treatment*.
41. **Dang-Vu TT**, Medical seminar, Hôpital Charles-LeMoine, Longueuil (Canada), December 8, 2016: *Les troubles du sommeil au cours du vieillissement*.
42. **Dang-Vu TT**, Public lecture for the Association Québécoise des Retraités de la Fonction Publique, Brossard, Canada, October 14, 2016: *Pourquoi et comment prendre soin de son sommeil au cours du vieillissement?*

43. **Dang-Vu TT**, Seminar, Center for Advanced Research on Sleep Medicine, Montreal (Canada), June 6, 2016: *Neuroimaging of sleep disorders*.
44. **Dang-Vu TT**, Journée éducative sur l'apnée du sommeil, Quebec Lung Association, Montreal (Canada), May 28, 2016: *Les troubles du sommeil au cours du vieillissement*.
45. **Dang-Vu TT**, Medical seminar, Hôpital Charles-LeMoyne, Longueuil (Canada), April 20, 2016: *L'insomnie*.
46. **Dang-Vu TT**, Continuous Medical Education, University of Montreal, Montreal (Canada), Conference Day on 'Geriatrics', March 18, 2016: *L'insomnie: un casse-tête*.
47. **Dang-Vu TT**, Conférence du Centre Avant-Age, Institut universitaire de gériatrie de Montréal, Montreal, Canada, March 10, 2016: *Pourquoi et comment prendre soin de son sommeil au cours du vieillissement?*
48. **Dang-Vu TT**, Sleep Rounds, Department of Medicine, Division of Respiriology, University of Toronto, Toronto (Canada), Dec 11, 2015: *Neuroimaging of sleep and sleep disorders*.
49. **Dang-Vu TT**, Public lecture organized by the Quebec Lung Association, Montreal (Canada), Dec 8, 2015: *Neurosciences et sommeil*.
50. **Dang-Vu TT**, Department of Exercise Science Lecture Series, Concordia University, Montreal (Canada), Nov 20, 2015: *Neuroimaging of sleep and sleep disorders*.
51. **Dang-Vu TT**, Patient – researcher conference day organized by Fondation Sommeil, Montreal (Canada), Nov 12, 2015: *Hypersomnies centrales primaires: narcolepsie et hypersomnie idiopathique*.
52. **Dang-Vu TT**, Public lecture organized by 'Vers Vous, Centre de services bénévoles aux aînés de Villeray', Montreal (Canada), Sept 28, 2015: *L'insomnie chez les aînés*.
53. **Dang-Vu TT**, 7th Conference of the Canadian Sleep Society, Lecture of the Roger Broughton Young Innovator Award Winner, Toronto (Canada), Sept 25-27, 2015: *Neuroimaging of sleep and sleep disorders*.
54. **Dang-Vu TT**, Continuous Medical Education, University of Montreal, Montreal (Canada), Conference Day on 'Geriatrics', September 11, 2015: *Sleep disorders in the elderly*.
55. **Dang-Vu TT**, Journée Scientifique sur le Sommeil 2015, Biron – Soins du Sommeil, Boucherville (Canada), May 9, 2015: *Neuroimagerie des troubles du sommeil*.
56. **Dang-Vu TT**, PERFORM ABC Seminar Series, Concordia University, Montreal (Canada), April 30, 2015: *Basics of simultaneous EEG/fMRI studies*.
57. **Dang-Vu TT**, 2nd Annual Epilepsy Day, Montreal Neurological Institute, Montreal (Canada), April 16, 2015: *Consciousness in Sleep: a Neuroimaging Perspective*.
58. **Dang-Vu TT**, Neuroscience Colloquium Series, Carleton University, Ottawa (Canada), March 13, 2015: *Brain oscillations during human sleep: neural correlates, functions and clinical significance*.
59. **Dang-Vu TT**, Continuous Medical Education, Institut Universitaire de Gériatrie de Montréal, Montreal (Canada), February 19, 2015: *Sleep Disorders*.
60. **Dang-Vu TT**, Continuous Medical Education, University of Montreal, Montreal (Canada), Conference Day on 'Sleep Disorders and Chronic Pain', February 6, 2015: *Insomnia: pharmacological and non-pharmacological approaches*.
61. **Dang-Vu TT**, Center for Clinical Research in Health (CCRH) – Seminar Series, Concordia University, Montreal (Canada), November 13, 2014: *Neuroimaging and brain oscillations: a window on the sleeping and sleep-disordered brain*.
62. **Dang-Vu TT**, Brain Health Now Conference, Montreal Neurological Institute, Montreal (Canada), March 20, 2014: *Sleep and cognition : implications for the assessment and management of HIV?*

63. **Dang-Vu TT**, Pathways and Connections Discussion Series, Montreal Neurological Institute, Montreal (Canada), March 5, 2014: *How does one become a successful neuroscientist ?*
64. **Dang-Vu TT**, The Feindel Brain Imaging Lecture Series at the BIC, Montreal Neurological Institute, Montreal (Canada), February 10, 2014: *Functional Imaging of the Sleeping and Sleep-Disordered Brain*
65. **Dang-Vu TT**, Sleep and Alertness Clinic, Toronto Western Hospital, Toronto (Canada), May 24, 2013 : *Neuroimaging of Parasomnias*
66. **Dang-Vu TT**, Lady Davis Institute for Medical Research, Jewish General Hospital, Aging Seminar, Montreal (Canada), May 14, 2013 : *Functional Neuroimaging of Sleep and its Disorders*
67. **Dang-Vu TT**, Douglas Mental Health University Institute, Neuroscience for Mental Health Seminars, Montreal (Canada), April 8, 2013 : *Neuroimaging in Sleep Physiology and Sleep Disorders*
68. **Dang-Vu TT**, McGill University, The Montreal All-Opto Club, Montreal (Canada), November 28, 2012: *Functional Neuroimaging of Sleep Networks and Oscillations*
69. **Dang-Vu TT**, Concordia University, Seminar of the Center for Studies in Behavioral Neurobiology, Montreal (Canada), April 12, 2012: *Neuroimaging of Sleep and Sleep Disorders*
70. **Dang-Vu TT**, University of Glasgow, Seminar of the School of Psychology, Glasgow (U-K), December 9, 2011: *Functional Neuroimaging of Sleep and Sleep Disorders*
71. **Dang-Vu TT**, Annual Forum of the Belgian College of Neuropsychopharmacology and Biological Psychiatry, « Social Cognition and Psychopathology », Leuven (Belgium), December 3, 2011: *Pathophysiology of adult somnambulism : a functional neuroimaging approach*
72. **Dang-Vu TT**, Centre de Recherche de l'Institut Universitaire de Gériatrie de Montréal, Seminar of the Functional Neuroimaging Unit, Montreal (Canada), February 24, 2011: *Functional Neuroimaging during Sleep*
73. **Dang-Vu TT**, St-Luc University Hospital / Catholic University of Louvain, Post-graduate seminars of the Neurology Department, Brussels (Belgium), January 6, 2011: *Brain rhythms of sleep*
74. **Dang-Vu TT**, Hôpital du Sacré-Coeur de Montréal, Invited Conference at the Center for Advanced Research in Sleep Medicine, Montreal (Canada), October 15, 2010: *Functional neuroimaging insights into the physiology of human sleep*
75. **Dang-Vu TT**, University Hospital of Zurich, Seminar of the Department of Neurology, Zurich (Switzerland), April 3, 2009: *Spontaneous neural activity during human non-REM sleep: a multimodal functional neuroimaging approach*
76. **Dang-Vu TT**, University Hospital of Geneva, Seminar of the Neuroscience Centre, Geneva (Switzerland), March 31, 2009: *Spontaneous neural activity during human non-REM sleep: a multimodal functional neuroimaging approach*
77. **Dang-Vu TT**, Brugmann University Hospital / Free University of Brussels, Seminar of the Department of Psychiatry, Brussels (Belgium), December 1, 2008: *Sleep and Neuroimaging*

2.9. Research Grants

(excluding graduate and post-doctoral scholarships/fellowships)

GRAND TOTAL: 11,155,755 CAD

As a PI or a Co-PI: 8,272,261 CAD

As a Co-investigator: 2,512,753 CAD

As Collaborator: 370,741 CAD

FUNDS CURRENTLY HELD (16 FUNDS)

Total awarded: 6,518,059 CAD

As a PI or Co-PI: 4,350,306 CAD

As a Co-investigator: 2,167,753 CAD

Thien Thanh Dang-Vu (Principal Investigator), Ysbrand van der Werf (Co-Principal Investigator), Jari Gool (Co-Investigator)

- *Title:* NeuroImaging Consortium on Central Disorders of Hypersomnolence (NICHY): Using global mega-analysis to identify new biomarkers and neural mechanisms associated with central hypersomnolence phenotypes.
- *Funding source:* Hypersomnia Foundation
- *Program:* Research award
- *Total amount awarded:* **137,000 CAD** (100,000 USD)
- *Period of support:* January 2022 – January 2024
-

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Sommeil, cognition et neuroimagerie : étude multimodale des troubles du sommeil, de leurs corrélats cérébraux et de leurs réponses à des interventions non-pharmacologiques
- *Funding source:* Fonds de Recherche du Québec (FRQ)
- *Program:* Programme de bourses de chercheur-boursier « Senior » Volet Clinique-épidémiologie
- *Total amount awarded:* **252,423 CAD**
- *Period of support:* July 2022 – June 2026

Charles Morin and Rébecca Robillard (Principal Investigators), Thien Thanh Dang-Vu, Jean-Philippe Chaput, Colleen Carney and Karen Roberts (Co-Principal Investigators), J. Davidson, M. Bartram, C. Bastien, G. Belleville, J. Carrier, D. Gardner, O. Hom, A. Lim, J.M. Lina, D. Lorrain, A. Roy, L. Vézina-Im, S. Watson, M. Younes (Co- Investigators)

- *Title:* Insomnia and Mental Health: from Burden of Illness to Personalized Interventions Based on Phenotypes
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* Team Grant: Sleep Research Consortium – Sleep and mental health and well-being
- *Total amount awarded:* **1,375,000 CAD**
- *Period of support:* May 2022 – May 2027

Thien Thanh Dang-Vu (Principal Investigator), Ysbrand van der Werf (Co-Principal Investigator), Gert Jan Lammers, Rolf Fronczek, Jari Gool (Co-Investigators)

- *Title:* HYPERSOMNIA-MRI: An international consortium for the investigation of brain correlates in central disorders of hypersomnolence.
- *Funding source:* Paladin Labs Inc.
- *Program:* Unrestricted scientific grant
- *Total amount awarded:* **85,000 CAD**
- *Period of support:* January 2022 – January 2024

Thien Thanh Dang-Vu (Principal Investigator), Rébecca Robillard, Sylvie Belleville, Ana-Ines Ansaldo, Sébastien Grenier, Marie-Jeanne Kergoat, Josée Savard, T. Kendzerska, M.H. Pennestri, Andrew Lim, Julie Carrier, Elliott Lee, David Lussier, Lena Quilty, Annie Vallières, Robert Levitan (Co- Investigators)

- *Title:* Improving sleep to protect brain health in older adults: assessing a novel cognitive behavioral program for insomnia using a multidomain web platform
- *Funding source:* Weston Family Foundation
- *Program:* Brain Health : Lifestyle Approaches and Microbiome Contributions 2021
- *Total amount awarded:* **1,478,657 CAD**
- *Period of support:* February 2022 – December 2025

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Concordia University Research Chair in Sleep, Neuroimaging and Cognitive Health
- *Funding source:* Concordia University
- *Program:* Concordia University Research Chair (CURC) program, Tier 1
- *Total amount awarded:* **100,000 CAD**
- *Period of support:* June 2021 – June 2026

Thien Thanh Dang-Vu (Principal Investigator), Sylvie Belleville, Rébecca Robillard (Co-Principal Investigators), Ana-Ines Ansaldo, Patricia Belchior, Nathalie Bier, Sébastien Grenier, Marie-Jeanne Kergoat, Josée Savard, T. Kendzerska, M.H. Pennestri (Co- Investigators)

- *Title:* Online cognitive-behavioral therapy (CBT) for insomnia and anxiety in older adults: a feasibility study using e-SPACE, a multidomain web platform for health promotion
- *Funding source:* CRIUGM
- *Program:* Programme d'appui à des projets de recherche stratégiques et structurants (PRSS)
- *Total amount awarded:* **10,000 CAD**
- *Period of support:* April 2021 – April 2023

Thien Thanh Dang-Vu (Principal Investigator), Louis Bherer, Melodee Mograss, Véronique Pépin, Edwin Robertson (Co- Investigators)

- *Title:* Combined effects of acute exercise and sleep restriction on cognition
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* Project – Spring 2019
- *Total amount awarded:* **585,226 CAD**
- *Period of support:* October 2019 – October 2024

Sylvie Belleville (Principal Investigator), Thien Thanh Dang-Vu, Nathalie Bier, Pierre Bellec, Christian Bocti, Frédéric Calon, Simon Duchesne, Pierrette Gaudreau, Serge Gauthier, Carol Hudon, Marie-Jeanne Kergoat, Nicole Leclerc, Naguib Mechawar, Natalie Phillips (Co-Investigators)

- *Title:* Cohorte CIMA-Q: suivi longitudinal, multicentrique, multifactoriel et intersectoriel des mécanismes, trajectoires et facteurs de protection et de vulnérabilité de la maladie d'Alzheimer
- *Funding source:* Fonds de Recherche du Québec (FRQ)
- *Program:* Plateforme de financement de la recherche intersectorielle sur le vieillissement – Volet Cohorte
- *Total amount awarded:* **1,498,378 CAD**

- *Period of support:* September 2019 – September 2024

Thien Thanh Dang-Vu (Principal Investigator), Ramin Sedaghati, Nathalie Bier, Shannon Hebblethwaite, Sylvie Belleville, Sylvain Baillet (Co-Investigators), Aurore Perrault, Laurence Bayer (Collaborators)

- *Title:* Le lit berceur: une solution audacieuse aux troubles du sommeil chez les aînés
- *Funding source:* Fonds de Recherche du Québec (FRQ)
- *Program:* Plateforme de financement de la recherche intersectorielle sur le vieillissement – Volet Audace
- *Total amount awarded:* **127,000 CAD**
- *Period of support:* September 2019 – March 2023

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Cross-frequency coupling of brain oscillations during human non-rapid-eye-movement (NREM) sleep: implications for cognitive function and memory consolidation
- *Funding source:* Natural Sciences and Engineering Research Council of Canada (NSERC)
- *Program:* Discovery Grant
- *Total amount awarded:* **200,000 CAD**
- *Period of support:* April 2019 – April 2024

Jean-Philippe Gouin (Principal Investigator), Thien Thanh Dang-Vu, Jennifer McGrath, Josée Savard (Co-Investigators)

- *Title:* The role of chronic stress and sleep reactivity in the persistence of insomnia over time
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* Project Grant
- *Total amount awarded:* **669,375 CAD**
- *Period of support:* April 2019 – April 2024

Thien Thanh Dang-Vu (Principal Investigator), Habib Benali, Christophe Grova, Hosung Kim, Jamie Near, Sophie Schwartz, Jean-Paul Soucy (Co- Investigators), Jacques Montplaisir (Collaborator)

- *Title:* Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* Project – Autumn 2017
- *Total amount awarded:* **742,050 CAD**
- *Period of support:* April 2018 – April 2023

FUNDS PREVIOUSLY HELD

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Biomarqueurs et mécanismes cérébraux des troubles du sommeil : étude multimodale en électroencéphalographie et imagerie par résonance magnétique
- *Funding source:* Fonds de Recherche du Québec – Santé (FRQ-S)
- *Program:* Research Scholar Junior 2
- *Total amount awarded:* **237,229 CAD**
- *Period of support:* July 2018 – July 2022

Thien Thanh Dang-Vu (Principal Investigator), Jean-Philippe Gouin (Co-Principal Investigator), Josée Savard, Justin Turner (Co- Investigators), Diana Cruz Santiago, Ryan Hunt (Collaborators)

- *Title:* Neurophysiological biomarkers of insomnia treatment response: towards personalized therapeutic approaches in chronic insomnia
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* Project – Autumn 2016
- *Total amount awarded:* **657,900 CAD**
- *Period of support:* April 2017 – April 2022

Jean-Philippe Gouin (Principal Investigator), Thien Thanh Dang-Vu (Co-Principal Investigator), Jennifer McGrath, Josée Savard, Sophie Schwartz (Co-Investigators)

- *Title:* Biological Markers of Altered Emotional Regulation in Chronic Insomnia and their Relationship with Treatment Responses to Cognitive Behavioral Therapy
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* Operating Grant
- *Total amount awarded:* **543,263 CAD**
- *Period of support:* July 2015 – July 2021

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Sleep Research Laboratory to Study Brain Oscillations and their Importance for Cognitive Health and Sleep Quality
- *Funding source:* Canada Foundation for Innovation (CFI)
- *Program:* John R. Evans Leaders Fund
- *Total amount awarded:* **770,130 CAD**
- *Period of support:* December 2015 – December 2021

Najmeh Khalili-Mahani (Principal Investigator), Andrew Chapman, Thien Thanh Dang-Vu, Christophe Grova (Co-Investigators)

- *Title:* Cinematic probing of brain function: exploring the cortico-hippocampal networks as a biomarker for detecting neurological abnormalities
- *Funding source:* Center for Studies in Behavioral Neurobiology (CSBN) and Perform Center (Concordia University)
- *Program:* CSBN – Perform center call for multidisciplinary research proposals
- *Total amount awarded:* **25,000 CAD**
- *Period of support:* August 2020 – August 2021

Thien Thanh Dang-Vu and Jean-Paul Soucy (Co-Principal Investigators)

- *Title:* Sleep and Alzheimer's disease
- *Funding source:* Pharmaprix
- *Program:* Promoting a global approach of well-being (donation to the Perform Center)
- *Total amount awarded:* **50,000 CAD**
- *Period of support:* February 2017 – February 2021

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Concordia University Research Chair in Sleep, Neuroimaging and Cognitive Health
- *Funding source:* Concordia University
- *Program:* Concordia University Research Chair (CURC) program, New Scholar
- *Total amount awarded:* **100,000 CAD**
- *Period of support:* June 2015 – June 2020

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Biomarqueurs et mécanismes cérébraux des troubles du sommeil : étude multimodale en électroencéphalographie et imagerie par résonance magnétique
- *Funding source:* CRIUGM
- *Program:* Fonds de développement pour chercheur boursier
- *Total amount awarded:* **20,000 CAD**
- *Period of support:* February 2018 – February 2020

Thien Thanh Dang-Vu & Sébastien Grenier (Principal Investigators)

- *Title:* L'auto-gestion de l'anxiété et de l'insomnie: un programme en ligne, adapté aux aînés
- *Funding source:* Fondation Bell Canada
- *Program:* Fonds communautaire Bell 'Cause pour la Cause'
- *Total amount awarded:* **25,000 CAD**
- *Period of support:* October 2017 – October 2019

Marc Roig (Principal Investigator), Julie Carrier, Fabien Del Maso, Thien Thanh Dang-Vu, Melodee Mograss, Pedro Rosa-Neto (Co- Investigators)

- *Title:* Aging, brain plasticity and sleep architecture: studying functional interactions for the consolidations of motor memory
- *Funding source:* FRQS – RBIQ-REPAR
- *Program:* Subvention inter-reseau RBIQ-REPAR 2018-2019, Projets pilotes
- *Total amount awarded:* **20,000 CAD**
- *Period of support:* September 2018 – September 2019

Thien Thanh Dang-Vu (Principal Investigator), Sylvie Belleville (Co-Principal Investigator), Ana-Ines Ansaldo, Patricia Belchior, Nathalie Bier, Guylaine Ferland, Lise Gagnon, Brigitte Gilbert, Sébastien Grenier, Marie-Jeanne Kergoat, Edeltraut Kroger, David Lussier, Josée Savard, Caroline Sirois, Bryna Shatenstein (Co- Investigators)

- *Title:* e.SPACE, an e-Suite for the Promotion of Healthy Aging in the Community
- *Funding source:* Center for Aging + Brain Health Innovation (CABHI)
- *Program:* Quebec Researcher-Clinician Partnership Program (QRCP2)
- *Total amount awarded:* **200,000 CAD**
- *Period of support:* September 2018 – November 2019

Véronique Pepin (Principal Investigator), Florian Chouchou (Co-Principal Investigator), Jean-Philippe Gouin & Thien Thanh Dang-Vu (Co- Investigators)

- *Title:* APNex: A Pilot Randomized Trial of Combined Cognitive-Behavioural Therapy & Exercise Training Versus Exercise Training Alone for the Treatment of Chronic Insomnia in Obstructive Sleep Apnea
- *Funding source:* The Lung Association
- *Program:* Breathing as One: Allied Health Research Grant
- *Total amount awarded:* **20,000 CAD**
- *Period of support:* September 2018 – August 2019

Christophe Grova (Principal Investigator), Thien Thanh Dang-Vu, Julie Carrier, Jean-Marc Lina (Co-Investigators)

- *Title:* Interplay between external stimulations and spontaneous sleep discharges in young and middle-age healthy subjects: a whole night EEG-fNIRS investigation
- *Funding source:* Quebec BioImaging Network (QBIN)
- *Program:* Pilot Grant
- *Total amount awarded:* **12,500 CAD**
- *Period of support:* April 2019 – April 2020

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Mechanisms and Functions of Brain Oscillations
- *Funding source:* Natural Sciences and Engineering Research Council of Canada (NSERC)
- *Program:* Discovery Grant
- *Total amount awarded:* **180,000 CAD**
- *Period of support:* April 2013 – April 2019

Thien Thanh Dang-Vu (Principal Investigator), Melodee Mograss (Co-Principal Investigator), Véronique Pepin (Co-Investigator)

- *Title:* Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults: A pilot study.
- *Funding source:* American Sleep Medicine Foundation (ASMF)
- *Program:* 2016 Focused Projects Award
- *Total amount awarded:* **19,839 USD (26,501 CAD)**
- *Period of support:* January 2016 – January 2018

Ana Ines Ansaldo (Principal Investigator), Thien Thanh Dang-Vu, Habib Benali, Brigitte Damien, Julien Doyon, Rick Hoge, Carol Leonard, Karine Marcotte, Elizabeth Rochon (Collaborators)

- *Title:* Triggering neuroplasticity in chronic aphasia: identifying the brain signs that predict good response to two language therapies
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* Operating Grant
- *Total amount awarded:* **370,741 CAD**
- *Period of support:* July 2014 – July 2019

Marc Roig (Principal Investigator), Fabien Del Maso, (Co-Principal Investigator), Julie Carrier, Thien Thanh Dang-Vu, Melodee Mograss, Edwin Robertson, David Wright (Co- Investigators)

- *Title:* Studying the interplay between exercise, brain plasticity and sleep architecture in the consolidation of procedural memory
- *Funding source:* FRQS RBIQ-QBIN
- *Program:* Pilots Projects
- *Total amount awarded:* **12,500 CAD**
- *Period of support:* April 2018 – March 2019

Julie Carrier (Principal Investigator), Marie-Andrée Bruneau, Thien Thanh Dang-Vu Lise Doucet, Marie Dumont, Ovidiu Lungu, Andrée-Anne Parent, (Co- Investigators)

- *Title:* Étude pilote : Lien entre le cycle veille-sommeil et les comportements d'agitation et d'errance chez les personnes atteintes d'un trouble neurocognitif majeur
- *Funding source:* CAREC
- *Program:* Programme d'appui à la recherche clinique
- *Total amount awarded:* **10,000 CAD**
- *Period of support:* January 2018 – January 2019

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Pathophysiology of Sleep Disorders
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* CIHR New Investigator
- *Total amount awarded:* **300,000 CAD**
- *Period of support:* July 2013 – July 2018

Thien Thanh Dang-Vu and Cara Tannenbaum (Co-Principal Investigators)

- *Co-investigators:* Jean-Philippe Gouin, Sébastien Grenier, Anik Guimond, Doris Clerc, Suzanne Gilbert, David Lussier
- *Title:* Evaluation de l'efficacité d'une combinaison de thérapie cognitivo-comportementale pour l'insomnie à un programme de sevrage de benzodiazépines sur les fonctions cognitives et le sommeil chez la personne âgée
- *Funding source:* Institut Universitaire de Gériatrie de Montréal (IUGM)
- *Program:* CAREC – programme de subvention de soutien pour la recherche clinique
- *Total amount awarded:* **20,000 CAD**
- *Period of support:* May 2014 – December 2017

Sylvain Baillet (Principal Investigator), Thien Thanh Dang-Vu, Sylvain Williams, Pedro Rosa-Neto (Co-Investigators)

- *Title:* Early Alterations of Brain Rhythms in Mild Cognitive Impairment and Alzheimer's Disease
- *Funding source:* Douglas Hospital Research Center
- *Program:* pilot project funding from the STOP-AD initiative
- *Total amount awarded:* **95,000 CAD**
- *Period of support:* October 2015 – October 2017

Jean-Philippe Gouin and Véronique Pepin (Co-Principal Investigators), Thien Thanh Dang-Vu, Jennifer McGrath (Co-Investigators)

- *Title:* Pilot randomized controlled trial of combined CBTi + structured exercise training (CBTi-Ex) versus CBTi only in individuals with chronic insomnia
- *Funding source:* Concordia University (Perform Center)
- *Program:* 2016 PERFORM Innovative Research Project in Preventive Health
- *Total amount awarded:* **50,000 CAD**
- *Period of support:* September 2016 – September 2017

Reut Gruber (Principal Investigator), Thien Thanh Dang-Vu, Julie Carrier, Lily Hechtman, Gail Somerville (Co-Investigators)

- *Title:* The Interplay Between Sleep and Academic Performance In Children With Attention Deficit Hyperactivity Disorder
- *Funding source:* Canadian Institutes of Health Research (CIHR)
- *Program:* Project Grant (bridge funding)
- *Total amount awarded:* **100,000 CAD**
- *Period of support:* July 2016 – July 2017

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Neuroimagerie multimodale des troubles du sommeil : application à l'étude des hypersomnies d'origine centrale
- *Funding source:* Fonds de Recherche du Québec – Santé (FRQ-S)
- *Program:* Research Scholar Junior 1
- *Total amount awarded:* **280,698 CAD** (declined for the CIHR New Investigator Award, except the portion related to the ‘subvention d’établissement de jeune chercheur’: **45,000 CAD**)
- *Period of support:* July 2013 – July 2017

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Start-up funds for new faculty members
- *Funding source:* Concordia University
- *Program:* Start-up funds
- *Total amount awarded:* **115,000 CAD**
- *Period of support:* July 2012 – July 2016

Thien Thanh Dang-Vu (Principal Investigator)

- *Co-investigator:* Natalie Philips
- *Title:* Polysomnography Equipment to Study the Mechanisms and Functions of Brain Oscillations during Human Sleep
- *Funding source:* Natural Sciences and Engineering Research Council of Canada (NSERC)
- *Program:* RTI (Research Tools and Instruments)
- *Total amount awarded:* **31,580 CAD**
- *Period of support:* July 2014 – July 2015

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Strategic Research Cluster ‘The Person and Society’
- *Funding source:* Concordia University

- *Program:* Emerging Researcher Award
- *Total amount awarded:* **5,000 CAD**
- *Period of support:* June 2014 – June 2015

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Pathophysiology of Idiopathic Hypersomnia: a Multimodal Neuroimaging Study
- *Funding source:* Sleep Research Society
- *Program:* J. Christian Gillin, MD, Research Grant
- *Total amount awarded:* **20,000 USD (22,326 CAD)**
- *Period of support:* August 2013 – February 2015

Thien Thanh Dang-Vu and Simona Brambati (Co-Principal Investigators)

- *Co-investigators:* Yan Deschaintre, Maximiliano Wilson, Paolo Vitali, Karine Marcotte, Natalie Philips, Julie Carrier
- *Title:* Biomarkers of Clinical Recovery from Post-Stroke Aphasia during Wakefulness and Sleep
- *Funding source:* Réseau Québécois de Recherche sur le Vieillissement (RQRV)
- *Program:* Funding for major grant applications
- *Total amount awarded:* **12,600 CAD**
- *Period of support:* August 2013 – December 2014

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Strategic Research Cluster ‘The Person and Society’
- *Funding source:* Petro-Canada
- *Program:* Petro-Canada Young Innovators Awards Program
- *Total amount awarded:* **10,000 CAD**
- *Period of support:* April 2013 – April 2014

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* The role of sleep in brain plasticity following sensory deprivation in humans
- *Funding source:* Belgian Neurological Society (BNS)
- *Program:* BNS Research Fellowship for Young Investigators
- *Total amount awarded:* **10,000 EUR (14,139.33 CAD)**
- *Period of support:* December 2009 – December 2010

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Traitement de l’information au cours du sommeil chez l’homme: une approche multimodale
- *Funding source:* Horlait-Dapsens Medical Foundation (Belgium)
- *Program:* Grant of the Horlait-Dapsens Medical Foundation
- *Total amount awarded:* **18,000 EUR (25,450.79 CAD)**
- *Period of support:* October 2009 – September 2010

Thien Thanh Dang-Vu (Principal Investigator)

- *Title:* Slow-wave-sleep oscillations and the offline processing of memory traces: an EEG/fMRI study

- *Funding source:* European Sleep Research Society (ESRS)
- *Program:* ESRS / Sanofi-Aventis Research Grant
- *Total amount awarded:* **15,000 EUR (21,209 CAD)**
- *Period of support:* October 2008 – September 2010

3. Teaching

3.1. Courses taught

1. *Oxford Online Programme in Sleep Medicine*, Fall 2022
Neuroimaging of sleep and sleep disorders, 1 hour
Nuffield Dpt of Clinical Neurosciences, University of Oxford (UK)
2. *Séminaire avancé en gérontopsychiatrie*, Fall 2021-Fall 2022
Les troubles du sommeil chez la personne âgée, 2 hours
Programme de Gérontopsychiatrie, Université de Montréal
3. *Pathophysiology of Clinical Exercise Science II*, Fall 2020-Fall 2022
Neurological Disorders (KCEP 311), 3 credits
Dpt of Health, Kinesiology and Applied Physiology, Concordia U.
4. *Pathophysiology of Clinical Exercise Science II*, Winter 2020
Neurological Disorders (KCEP 311/EXCI 423), 3 credits
Dpt of Health, Kinesiology and Applied Physiology, Concordia U.
5. *Vieillessement et activité physique* (KIN 3530), Winter 2020
Le sommeil et ses troubles au cours du vieillissement, 1 hour
Dpt des sciences de l'activité physique, UQAM
6. *Neurobiologie du vieillissement* (NSC 3013), Fall 2019-Fall 2022
Le sommeil lors du vieillissement, 3 hours
Dpt de Neurosciences, Université de Montréal
7. *Pathophysiology of Clinical Exercise Science II*, Winter 2019
Neurological Disorders (EXCI 423), 3 credits
Dpt of Health, Kinesiology and Applied Physiology, Concordia U.
8. *Vieillessement et activité physique* (KIN 3530), Winter 2019
Le sommeil et ses troubles au cours du vieillissement, 1 hour
Dpt des sciences de l'activité physique, UQAM
9. *Special Topics Seminar* (EXCI 624), 1.5 credits Fall 2018
Dpt of Health, Kinesiology and Applied Physiology, Concordia U.
10. *Neurobiologie du vieillissement* (NSC 3013), Fall 2018
Le sommeil lors du vieillissement, 3 hours
Dpt de Neurosciences, Université de Montréal
11. *Pathophysiology of Clinical Exercise Science II*, Winter 2017
Neurological Disorders (EXCI 423), 3 credits
Dpt of Exercise Science, Concordia University
12. *Pathophysiology of Clinical Exercise Science II*, Winter 2016
Neurological Disorders (EXCI 423), 3 credits
Dpt of Exercise Science, Concordia University
13. *Pathophysiology of Clinical Exercise Science II*, Winter 2015

- Neurological Disorders* (EXCI 423), 3 credits
Dpt of Exercise Science, Concordia University
14. *Human Physiology I, Neuromuscular System*, Winter 2015
(EXCI 257), 3 credits
Dpt of Exercise Science, Concordia University
15. *Human Physiology I, Neuromuscular System*, Winter 2014
(EXCI 257), 3 credits
Dpt of Exercise Science, Concordia University
16. *Research Methods* (EXCI 250), 3 credits Fall 2013
Dpt of Exercise Science, Concordia University
17. *Human Physiology I, Neuromuscular System*, Winter 2013
(EXCI 257), 3 credits
Dpt of Exercise Science, Concordia University
18. *Research Methods* (EXCI 250), 3 credits Winter 2013
Dpt of Exercise Science, Concordia University
19. *Research Methods* (EXCI 250), 3 credits Fall 2012
Dpt of Exercise Science, Concordia University
20. *The Sleeping Brain*, 4 hours October 21, 2009 & April 21, 2010
Faculty of Arts and Sciences, Harvard University, Boston (USA)

3.2. Laboratory sessions taught

- Biology* (Teaching Assistant) 1998-1999
Faculty of Medicine, University of Liege, Liege (Belgium)

3.3. Mentorship and student supervision

Summary of trainee supervision	
	Number
Research associates & clinical psychologists	4
Postdoctoral fellows	8
Ph.D.	5
M.Sc./M.A.	21
Research coordinators, research assistants and sleep technologists	14
Interns and undergraduate trainees	173 (including 31 with thesis)

Research associates and Clinical psychologists

Florence Pomares

- Role: Research associate
- Project: Neuroimaging of sleep and sleep disorders
- Period of supervision: Since September 2016
- Role: Supervisor

Rosemarie Perrault

- Role: Clinical psychologist
- Project: Impact of Insomnia Treatment on Mood, Brain Functioning and Cardiovascular Health
- Period of supervision: Since December 2015
- Role: Co-supervisor

Melodee Mograss

- Role: Research associate
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults
- Period of supervision: Since September 2014
- Role: Supervisor

Caroline Desrosiers

- Role: Clinical psychologist
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: Since September 2014
- Role: Supervisor

Postdoctoral Fellows

Emmanuel Frimpong

- Role: Postdoctoral Fellow
- Project: Combined effects of acute exercise and sleep restriction on cognition.
- Period of supervision: Since October 2020
- Role: Supervisor

Makoto Uji

- Role: Postdoctoral Fellow
- Project: Neuroimaging of sleep deprivation and sleep disorders using EEG/fMRI
- Scholarship: Horizon postdoctoral fellowship program
- Period of supervision: September 2019 – April 2022
- Role: Supervisor

Aurore Perrault

- Role: Postdoctoral Fellow
- Project: Impact of Insomnia Treatment on Mood, Brain Functioning and Cardiovascular Health
- Scholarship: Horizon postdoctoral fellowship program
- Period of supervision: Since August 2018
- Role: Supervisor

Nathan Cross

- Program: Postdoctoral Fellow
- Project: Sleep disorders and cognition
- Scholarships: FRQS postdoctoral scholarship (\$90 000, July 2018 to July 2020), postdoctoral scholarship from the Canadian Sleep & Circadian Network (\$10 000, July 2018 to July 2020), Quebec Bio-Imaging Network (QBIN/RBIQ) Scholarship (\$7000, August 2020)
- Period of supervision: Since September 2017
- Role: Supervisor

Florian Chouchou

- Program: Postdoctoral Fellow
- Project: Pilot randomized controlled trial of combined CBTi + structured exercise training (CBTi-Ex) versus CBTi only in individuals with chronic insomnia and obstructive sleep apnea
- Scholarship: Horizon postdoctoral fellowship program
- Period of supervision: August 2017 – August 2018
- Role: Supervisor

Umberto Moretto

- Program: Postdoctoral Fellow
- Project: Neuroimaging and cognitive biomarkers of chronic insomnia and their relationship with treatment responses to cognitive-behavioral therapy
- Period of supervision: September 2016 – August 2017
- Role: Supervisor

Dylan Smith

- Program: Postdoctoral Fellow
- Project: Neuroimaging and cognitive biomarkers of chronic insomnia and their relationship with treatment responses to cognitive-behavioral therapy
- Period of supervision: September 2015 - September 2018
- Role: Supervisor

Soufiane Boucetta

- Program: Postdoctoral Fellow
- Project: Mechanisms and functions of brain rhythms during sleep
- Period of supervision: October 2013 – October 2016
- Role: Supervisor

Doctorate

Patrick Nguyen

- Program: PhD in Pharmacy, Université de Montréal
- Project: Efficacité de la mirtazapine dans le traitement de l'insomnie chronique chez les personnes âgées
- Period of supervision: Since September 2021
- Role: Co-Supervisor

Kirsten Gong

- Program: PhD in Psychology, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Scholarships: Concordia University's Faculty of Arts and Science Award (5000\$ per year for 2 years)
- Period of supervision: Since September 2022
- Role: Supervisor

Nyissa Arlene Walsh

- Program: PhD in Clinical Psychology, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: since September 2022
- Role: Supervisor

Samuel Gillman

- Program: PhD in Health, Kinesiology and Applied Physiology; Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Period of supervision: since September 2022
- Role: Supervisor

Shahla Bakian

- Program: PhD in Physics, Concordia University
- Project: Interplay between external stimulations and spontaneous sleep discharges in young and middle-aged healthy subjects: A whole night EEG-fNIRS investigation
- Period of supervision: Since September 2021
- Role: Co-Supervisor

Loïc Barbaux

- Program: PhD in Health and Exercise Science, Concordia University
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Scholarships: CIHR-SPOR Chair PhD Scholarship Award (14 000\$/year, January 2021 to January 2025)
- Period of supervision: Since January 2021
- Role: Supervisor

Arsenio Paez

- Program: PhD in Health and Exercise Science, Concordia University
- Project: Combined effects of acute exercise and sleep restriction on cognition.
- Scholarships: FAS Entrance Award (14 000\$/year, January 2021 to January 2025)
- Period of supervision: Since January 2021
- Role: Supervisor

Oren Weiner

- Program: PhD in Clinical Psychology, Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Scholarships: FRQS PhD scholarship (60 000\$, October 2016 to October 2019), PERFORM Merit Scholarship (10 000\$, May to October 2016), PERFORM Student Award in Preventive Health Research (10,000\$, June 2019 to June 2020)
- Period of supervision: Since September 2015
- Role: Supervisor

Jari Gool

- Program: PhD in Neuroscience, Amsterdam University Medical Center
- Project: Neuroimaging of narcolepsy and idiopathic hypersomnia
- Scholarship: Mitacs Globalink Research Award (6000\$)
- Period of supervision: Since September 2018
- Role: Co-supervisor

Masters

Emma-Maria Phillips

- Program: Master (M.Sc.) in Neurosciences, Université de Montréal
- Project: Le lit berceur: une solution audacieuse aux troubles du sommeil chez les aînés.
- Period of supervision: Since September 2022
- Role: Supervisor

William Groulx

- Program: Master (M.Sc.) in Neurosciences, Université de Montréal
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: Since January 2022
- Role: Supervisor

James Garneau

- Program: MA-PhD in Clinical Psychology, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: Since September 2021
- Role: Co-supervisor

Jeannick Adoutoro

- Program: Master (M.Sc.) in Neurosciences, Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: Since September 2021
- Role: Supervisor

Ophélie Fontaine

- Program: Master (M.Sc.) in Neurosciences, Université de Montréal
- Project: Le lit berceur: une solution audacieuse aux troubles du sommeil chez les aînés.
- Period of supervision: Since September 2021
- Role: Supervisor

Zara Duquette

- Program: Master (M.Sc.) in Neurosciences, Université de Montréal
- Project: Analyse multimodale de la structure cérébrale en lien avec la qualité du sommeil et la neurodégénérescence
- Period of supervision: Since January 2021
- Role: Supervisor

Nyissa Arlene Walsh

- Program: MA in Clinical Psychology, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Scholarships: Social Sciences and Humanities Research Council (SSHRC) Master's Award (17 500\$, September 2020 to September 2021)
- Period of supervision: September 2020 – July 2022
- Role: Supervisor

Kirsten Gong

- Program: Master (M.A.) in Psychology, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Scholarships: Concordia University's Faculty of Arts and Science Award (5000\$ per year for 2 years)
- Period of supervision: September 2020 – July 2022
- Role: Supervisor

Antonia Maltezos

- Program: Master (M.Sc.) in Neurosciences, Université de Montréal
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia

- Period of supervision: September 2020 – August 2022
- Role: Supervisor

Samuel Gillman

- Program: Master (M.Sc.) in Health, Kinesiology and Applied Physiology; Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Period of supervision: September 2020 – September 2022
- Role: Supervisor

Tehila Zvionow

- Program: Master (M.Sc.) in Health, Kinesiology and Applied Physiology; Concordia University
- Project: Combined effects of acute exercise and sleep restriction on cognition.
- Scholarship: Concordia University graduate entrance scholarship (10,000\$)
- Period of supervision: September 2019 – September 2022
- Role : Supervisor

Jean-Louis Zhao

- Program: Master (M.Sc.) in Neuroscience, Université de Montréal
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Scholarship: CRIUGM graduate scholarship award (5,000\$)
- Period of supervision: September 2019 – September 2022
- Role: Supervisor

Kazem Habibi

- Program: Master (M.Sc.) in Health, Kinesiology and Applied Physiology; Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Scholarship: Canada Graduate Scholarship Master's - CIHR (17 500\$)
- Period of supervision: September 2019 – December 2021
- Role: Supervisor

Loïc Barbaux

- Program: Master (M.Sc.) in Neuroscience, Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Scholarship: CRIUGM graduate scholarship award (5,000\$)
- Period of supervision: January 2019 – December 2020
- Role: Supervisor

Milad Malaki

- Program: Master (M.Sc.) in Mechanical Engineering, Concordia University
- Project: Multidisciplinary engineering design of the novel rocking bed for investigating the effects of vestibular stimulation on sleep
- Period of supervision: September 2019 – December 2020
- Role: Co-supervisor

Margaret McCarthy

- Programs: Master (M.A.) in Psychology, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2018 – September 2020
- Role: Co-Supervisor

Alex Nguyen

- Program: Master (M.Sc.) in Exercise Science; Concordia University
- Project: Neural correlates of sleep deprivation using simultaneous EEG/fMRI
- Scholarship: Canada Graduate Scholarship Master's - NSERC (17 500\$)
- Period of supervision: September 2018 – September 2022
- Role: Supervisor

Mehdi Essounni

- Program: Master (M.Sc.) in Neuroscience, Université de Montréal
- Project: Effets de la thérapie cognitivo-comportementale pour l'insomnie sur le sommeil au cours d'un sevrage de benzodiazépines chez la personne âgées
- Period of supervision: January 2017 – October 2019
- Role: Supervisor

Aude Jegou

- Program: Master (M.Sc.) in Physics, Concordia University
- Project: Spindle detection from simultaneous Electroencephalogram (EEG) / functional Magnetic Resonance Imaging (fMRI) data for a sleep deprivation study
- Scholarships: PERFORM Master Fellowship (32 000\$ total)
- Period of supervision: January 2016 – April 2018
- Role: Co-supervisor

Ali Salimi

- Program: Master (M.Sc.) in Exercise Science; Concordia University
- Project: The efficacy of cognitive-behavioral therapy for insomnia in a structured program of benzodiazepine withdrawal on cognitive function and sleep in the elderly: a pilot study
- Scholarship: FRQS (30 000\$, May 2015 to April 2017) and CIHR (17 500\$) Masters scholarships
- Period of supervision: June 2015 – November 2017
- Role: Supervisor

Benjamin Hatch

- Program: Master (M.A.) in Psychology, Concordia University
- Project: Sleep spindles predict response to cognitive-behavioral therapy for chronic insomnia
- Scholarships: Concordia University graduate entrance scholarship (10,000\$)
- Period of supervision: September 2014 – April 2017
- Role: Supervisor

Jordan O'Byrne

- Program: Master (M.Sc.) in Exercise Science
- Project: Cross-frequency coupling and sleep-dependent declarative memory consolidation: sleep states as opponent processes
- Scholarships: FRQS (30 000\$, May 2014 to April 2016) and CIHR (17 500\$, January 2014 to January 2015) Masters scholarships
- Period of supervision: September 2013 – February 2017
- Role: Supervisor

Honours or Specialization Students with Thesis

Victoria D'Amours

- Program : Bachelor of Psychology (BSc), Honours, Concordia University

- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: Since May 2022
- Role: Supervisor

Wafa Shahid

- Program: Bachelor of Behavioral Neuroscience (BSc) Honours, Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: Since March 2022
- Role: Supervisor

Mary Brooks

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Interplay between external stimulations and spontaneous sleep discharges in young and middle-aged healthy subjects: A whole night EEG-fNIRS investigation
- Period of supervision: September 2021 – May 2022
- Role: Supervisor

Marlon Quilatan

- Program: Bachelor in Exercise Science (BSc - Honours), Concordia University
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults: A pilot study
- Period of supervision: September 2021 – May 2022
- Role: Supervisor

Chris Dimopoulos

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults: A pilot study
- Period of supervision: September 2021 – May 2022
- Role: Supervisor

Emma-Maria Phillips

- Program: Bachelor in Psychology (BSc - Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2021 – May 2022
- Role: Supervisor

Michelle (Gia Han) Ly

- Program : Bachelor of Psychology (BA), Honours, Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: Since January 2021
- Role: Supervisor

Kajamathy Subramaniam

- Program: Bachelor in Psychology (BA), Honours, Concordia University
- Project: Pilot randomized controlled trial of combined CBTi + structured exercise training (CBTi-Ex) versus CBTi only in patients with obstructive sleep apnea and chronic insomnia
- Period of supervision: September 2020 – May 2021
- Role: Supervisor

Katerina Weberbauer

- Program: Bachelor in Psychology (BA - Honors), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: September 2020 – May 2021
- Role: Supervisor

Luca Delli Colli

- Program: Bachelor of Health Kinesiology and Applied Physiology (BSc - Honours), Concordia University
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults: A pilot study.
- Period of supervision: May 2020 – December 2020
- Role: Supervisor

Antonia Maltezos

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: March 2018 – September 2020
- Role: Supervisor

Kirsten Gong

- Program: Bachelor in Psychology (BSc - Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Scholarship: NSERC Undergraduate Student Research Award and Concordia Undergraduate Student Research Award (CUSRA) - 5760\$ for summer 2020
- Period of supervision: June 2018 – September 2020
- Role: Supervisor

Jennifer Suliteanu

- Program: Bachelor in Psychology (BSc - Honours), Concordia University
- Project: Sleep Architecture and Cognition in Primary Chronic Insomnia Patients
- Scholarship: NSERC Undergraduate Student Research Award
- Period of supervision: January 2017 – August 2019
- Role: Supervisor

Kazem Habibi

- Program: Bachelor in Exercise Science (BSc - Honours), Concordia University
- Project: Sleep spindles: possible predictor of performance of alerting network of attention
- Scholarship: NSERC Undergraduate Student Research Award
- Period of supervision: January 2017 – August 2019
- Role: Supervisor

Joanne Abi-Jaoude

- Program: Bachelor in Psychology (BSc - Honours), Concordia University
- Project: Daytime activity levels and napping behaviours in healthy young adults
- Scholarship: Concordia Undergraduate Student Research Award
- Period of supervision: November 2016 – August 2019
- Role: Supervisor

Brian Hodhod

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Sleep Misperception: Predicting Treatment Outcomes of Cognitive Behavioral Therapy on Chronic Primary Insomnia

- Period of supervision: September 2016 – July 2019
- Role: Supervisor

Anca Ionescu

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Neural correlates of sleep deprivation using simultaneous EEG/fMRI
- Period of supervision: April 2017 – January 2018
- Role: Supervisor

Alex Nguyen

- Program: Bachelor in Exercise Science (BSc - Honours), Concordia University
- Project: Sleep spindle detection in insomnia: evaluating performance of automated methods compared to visual detection
- Scholarship: NSERC Undergraduate Student Research Award
- Period of supervision: September 2015 - September 2018
- Role: Supervisor

Emma Madigan

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – August 2018
- Role: Co-supervisor

Jacklynn Bujold

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Fragmentation of Rest-Activity Patterns in Primary Insomnia Sufferers
- Period of supervision: May 2016 - May 2017
- Role: Supervisor

Stephanie Trigonakis

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – May 2017
- Role: Co-supervisor

Teresa Johnson

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – May 2017
- Role: Co-supervisor

Monica Crosetta

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: The Combined Effects of Acute Cardiovascular Exercise and Slow-Wave Sleep on Declarative Memory in Young, Sedentary Adults
- Period of supervision: September 2015 – May 2017
- Role: Supervisor

Shira Azoulay

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia

- Scholarship: NSERC Undergraduate Student Research Award
- Period of supervision: September 2015 – September 2016
- Role: Co-supervisor

Kirsten Packwood

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Investigation of sleep macroarchitecture in chronic primary insomnia
- Period of supervision: September 2014 – June 2015
- Role: Supervisor

Melissa Veenstra

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Maladaptive Sleep Cognitions as Predictors of Sleep Disturbances in Response to Stress
- Period of supervision: September 2014 – June 2015
- Role: Supervisor

Ali Salimi

- Program: Bachelor in Exercise Science (BSc - Honours), Concordia University
- Project: Sleep spindles predict stress-related increases in sleep disturbances
- Scholarship: NSERC Undergraduate Student Research Award
- Period of supervision: January 2014 – June 2015
- Role: Supervisor

Vanessa Del Vecchio

- Program: Bachelor in Exercise Science (BSc - Honours), Concordia University,
- Project: Polysomnographic and autonomic predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: June 2013 – Mai 2014
- Role: Supervisor

Lindsay Reed

- Program: Bachelor in Exercise Science (BSc - Honours), Concordia University
- Project: Sleep spindles as a predictor of response to cognitive-behavioral therapy in patients with primary insomnia
- Period of supervision: January 2013 – Mai 2014
- Role: Supervisor

Oupamdeep Malhi

- Program: Bachelor in Exercise Science (BSc - Honours), Concordia University
- Project: Slow wave activity as a baseline predictor to cognitive-behavioral therapy for chronic primary insomnia
- Period of supervision: January 2013 – Mai 2014
- Role: Supervisor

Melissa Berman

- Program: Bachelor in Psychology (BA - Honours), Concordia University
- Project: Mechanisms and functions of brain rhythms during sleep
- Period of supervision: June 2013 – April 2014
- Role: Supervisor

Sleep Technologists

Elinah Mozhenti

- Titles: BSc, RPSGT
- In position: Since September 2019

Liza Perez

- Titles: BSc, RPSGT
- In position: 2016 -2019

Research coordinators

Alain Al Bikaii

- Project: General Lab Coordination
- Period of supervision: Since August 2021
- Role: Supervisor

Shant Donabedian

- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: February 2021 – February 2022
- Role: Supervisor

Andrea Cook

- Project: Le lit berceur: une solution audacieuse aux troubles du sommeil chez les aînés.
- Period of supervision: November 2019 – May 2020
- Role: Supervisor

Madeline Dickson

- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults: A pilot study
- Period of supervision: Since October 2019
- Role: Supervisor

Emily Carrese-Chacra

- Project: Pilot randomized controlled trial of combined CBTi + structured exercise training (CBTi-Ex) versus CBTi only in patients with obstructive sleep apnea and chronic insomnia
- Period of supervision: Since April 2019 – August 2020
- Role: Co-supervisor

Eric Lachapelle

- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing (January 2019 - February 2021), general lab coordination January 2019 – August 2021
- Period of supervision: January 2019 – August 2021
- Role: Supervisor

Elizaveta Frolova

- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: Since October 2018
- Role: Supervisor

Emma Madigan

- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2018 – May 2019
- Role: Co-supervisor

Julianna Ricchiuti

- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Period of supervision: August 2018 – February 2019
- Role: Supervisor

Jordan O’Byrne

- Project: Wonambi – a platform for sleep EEG analyses
- Period of supervision: Since September 2017
- Role: Supervisor

Lukia Tarelli

- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: Since June 2017
- Role: Co-supervisor

Despina Bolanis

- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: April 2017 – August 2018
- Role: Supervisor

Medical residencies

Gladys Mikolajczak

- Program: Residency in Psychiatry, Université de Liège (Belgique)
- Project: Physiopathology and treatment of insomnia
- Period of supervision: October 2010 – June 2011
- Role: Co-supervisor

Julien Ly

- Program: Residency in Neurology, Université de Liège (Belgique)
- Project: fMRI analyses of sleep oscillations
- Period of supervision: October 2008 – June 2009
- Role: Co-supervisor

Internships

Zehra Gungor

- Program: Master of Science in Psychology, Goethe University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2022 – May 2022
- Role: Supervisor

Jeannick Adoutoro

- Program: Microprogramme in neuroscience (graduate level), Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive

functions in the elderly

- Period of supervision: January 2021 – August 2021
- Role: Supervisor

Axelle Khouma

- Program: Master of Fundamental and Clinical Neurosciences (MA), Lyon 1 University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: March 2020 – June 2020
- Role: Supervisor

Julien Paul

- Program: M.D., Université de Montréal
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: November 2019 – March 2020
- Role: Supervisor

Emily Ajit-Roger

- Program: Certification in Science Foundations, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: Since November 2019
- Role: Supervisor

Zara Duquette

- Program: Microprogramme in neuroscience (graduate level), Université de Montréal
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: September 2019 – January 2021
- Role: Supervisor

Edith San Jose Jones

- Program: Masters in Pharmacology, University of Bath (UK)
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Period of supervision: September 2019 – April 2020
- Role: Supervisor

Ashrafun Nazneen Naz

- Program: Completed Medical Degree in Bangladesh
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults: A pilot study.
- Period of supervision: July 2019 – September 2019
- Role: Supervisor

Corina Lazarencu

- Program: Diploma of College Studies (DCS) in Social Science, Psychology profile, Dawson College
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: July 2019 – January 2020
- Role: Supervisor

Loren Bies

- Program: Master en Biologie, Sorbonne University (France)
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2019 – August 2019

- Role: Supervisor

Samy Ammi

- Program: Master en Neuropsychologie & Neurosciences Cliniques, Université Paul Sabatier – Toulouse (France)
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: January 2019 – June 2019
- Role: Supervisor

Maryam Aboutiman

- Program: Master en Biologie, Sorbonne University (France)
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2018 – August 2018
- Role: Supervisor

Deeha Chalati

- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: September 2017 – September 2018
- Role: Supervisor

Elena Vidal-Calvo

- Program: Master en Biotechnologies de la Santé, Oniris (France)
- Project: Neural correlates of sleep deprivation using simultaneous EEG/fMRI
- Period of supervision: June 2017 – September 2017
- Role: Supervisor

Julia Giraud

- Program: Master en Biologie, Université de Paris-Saclay (France)
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Period of supervision: April 2016 – August 2016
- Role: Supervisor

Eden Debellemanière

- Program: Master en Sciences Biomédicales, Université de Rouen (France)
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Period of supervision: March 2014 – June 2014
- Role: Supervisor

Claire André

- Program: Master en Sciences Biomédicales, Université de Rouen (France)
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Period of supervision: March 2014 – June 2014
- Role: Supervisor

Bachelors

2022

Psychology

Nirujah Muthukumar

- Program : Bachelor of Psychology (BSc), honours, Concordia University
- Project: Le lit berceur: une solution audacieuse aux troubles du sommeil chez les aînés
- Period of supervision: Since May 2022
- Role: Supervisor

Jalis Sheikh

- Program : Bachelor of Psychology (BA), Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: Since April 2022
- Role: Supervisor

Nadejda Braga

- Program : Bachelor of Psychology (BA), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: Since February 2022
- Role: Supervisor

Jasmine Manan

- Program : Bachelor of Psychology (BA), Concordia University
- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: Since January 2022
- Role: Supervisor

Emilie Chodat

- Program : Bachelor of Psychology (BA), Concordia University
- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: Since January 2022
- Role: Supervisor

Neurosciences

Sarah-Maude St-Louis

- Program : Bachelor of Neurosciences (BSc), Université de Montréal
- Project: Le lit berceur: une solution audacieuse aux troubles du sommeil chez les aînés
- Period of supervision: Since May 2022
- Role: Supervisor

Jonah Miller-Smith

- Program: Bachelor of Behavioral Neuroscience (BSc) Honours, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: Since February 2022
- Role: Supervisor

Saba Sarani

- Program: Bachelor of Behavioral Neuroscience (BSc) Honours, Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: Since January 2022
- Role: Supervisor

2021

Psychology

Kaylee Seroussi

- Program : Bachelor of Psychology (BA), McGill University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: Since November 2021
- Role: Supervisor

Lara Ali

- Program : Bachelor of Psychology (BA), Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: Since November 2021
- Role: Supervisor

Mila Goulon

- Program : Bachelor of Psychology (BA), McGill University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: Since October 2021
- Role: Supervisor

Elizabeth Buchanan

- Program : Bachelor of Psychology (BSc), honours, Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: Since June 2021
- Role: Supervisor

Jessica Boivin

- Program : Bachelor of Psychology (BA), McGill University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: Since June 2021
- Role: Supervisor

Lylou Guilloton

- Program : Bachelor of Psychology (BA), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: Since June 2021
- Role: Supervisor

Mary Brooks

- Program : Bachelor of Psychology (BSc), honours, Concordia University
- Project: Interplay between external stimulations and spontaneous sleep discharges in young and middle-aged healthy subjects: A whole night EEG-fNIRS investigation
- Period of supervision: Since May 2021
- Role: Supervisor

Thalia Graham

- Program : Bachelor of Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2021 – December 2021
- Role: Supervisor

Elisa Aguilar

- Program : Bachelor of Psychology (BSc), McGill University
- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: Since May 2021

- Role: Supervisor

Dov Ellis

- Program : Bachelor of Psychology (BA), McGill University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: February 2021 – April 2022
- Role: Supervisor

Sunny Katseva

- Program : Bachelor of Psychology (BSc), McGill University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: January 2021 – October 2021
- Role: Supervisor

Erika Ross

- Program : Bachelor of Psychology (BSc), McGill University
- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: Since January 2021
- Role: Supervisor

Neurosciences

Sara Bekadour

- Program : Bachelor of Neurosciences (BSc), Université de Montréal
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: Since November 2021
- Role: Supervisor

Samuel Boyer

- Program: Bachelor of Neurosciences (BSc), Université de Montréal
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: May 2021 – March 2022
- Role: Supervisor

William Groulx

- Program: Bachelor of Neurosciences (BSc), Université de Montréal
- Project: Coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: January 2021 – September 2021
- Role: Supervisor

Athletic Therapy

Chantal Abosamra

- Program: Bachelor of Athletic Therapy (BSc), Concordia University
- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: Since May 2021
- Role: Supervisor

2020

Psychology

Jonathan Haiun

- Program: Bachelor of Psychology (BA), Concordia University

- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: August 2020 – December 2021
- Role: Supervisor

Meghan Couture

- Program: Bachelor of Psychology (BA), McGill University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: February 2020 – October 2021
- Role: Supervisor

Alexandra Hill

- Program: Bachelor of Psychology (BA), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: February 2020 – December 2020
- Role: Supervisor

Célia Sciandra

- Program: Bachelor of Psychology (BA), McGill University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: February 2020 — September 2021
- Role: Supervisor

Myriam Lesage

- Program: Bachelor of Psychology (BA), McGill University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: February 2020 – June 2021
- Role: Supervisor

Chris Dimopoulos

- Program: Bachelor of Psychology (BA), Concordia University
- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: February 2020 – September 2021
- Role: Supervisor

Thomas Anthony Cicconi

- Program: Bachelor of Psychology (BA), McGill University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: February 2020 – August 2020
- Role: Supervisor

Sabrina Di Francesco

- Program: Bachelor of Psychology (BA), McGill University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: February 2020 – October 2021
- Role: Supervisor

Rupert Mackie

- Program: Bachelor of Psychology (BA), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: February 2020 – April 2020
- Role: Supervisor

2019

Psychology

Sampreet Arneja

- Program: Bachelor of Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: October 2019 – December 2021
- Role: Supervisor

Laurence Canonne

- Program: Bachelor of Psychology (BA), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: Since September 2019
- Role: Supervisor

Tyler Berge

- Program: Bachelor of Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2019 – December 2020
- Role: Supervisor

Emily Hunter

- Program: Bachelor of Psychology (BA), McGill University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: June 2019 – September 2019
- Role: Supervisor

Alex Hillcoat

- Program: Bachelor in Psychology (BA – Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Scholarship: NSERC Undergraduate Student Research Award (USRA), Concordia University, summer 2020 (5625\$)
- Period of supervision: May 2019 – August 2021
- Role: Supervisor

Rachel Hu

- Program: Bachelor in Psychology, option Behavioural Neuroscience (BSc – Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2019 – December 2021
- Role: Supervisor

Erik Leisinger

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: April 2019 – August 2019
- Role: Supervisor

Gardénia-Jane Duverger-Soroche

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: April 2019 – July 2019
- Role: Supervisor

Alexandros Hadjinicolaou

- Program: Bachelor in Psychology, option Behavioural Neuroscience (BSc – Honours), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia

- Period of supervision: April 2019 – December 2021
- Role: Supervisor

Selina Di Nitto

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: March 2019 – March 2020
- Role: Supervisor

Lexia Piccolo

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: March 2019 – December 2020
- Role: Supervisor

Ariadne Colada

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: March 2019 – September 2019
- Role: Supervisor

Alyssa Ercolanese

- Program: Bachelor in Psychology, option Behavioural Neuroscience (BSc – Honours), Concordia University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: March 2019 – April 2020
- Role: Supervisor

Lilia Séguin

- Program: Bachelor in Psychology (BA, Specialization), Concordia University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: March 2019 – November 2019
- Role: Supervisor

Neelab Mohammad Hashim

- Program: Bachelor in Psychology (BSc), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: February 2019 – January 2020
- Role: Supervisor

Veronica La Rocca

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2019 – June 2019
- Role: Supervisor

Exercise Science

Andrew Iodice

- Program: Bachelor of Health Kinesiology and Applied Physiology (BSc), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: June 2019 – September 2019
- Role: Supervisor

Neuroscience

Laura Lentini

- Program: Bachelor of Behavioral Neuroscience (BSc), Concordia University
- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: September 2019 – August 2020
- Role: Supervisor

Felicia Vacirca

- Program: Bachelor of Behavioral Neuroscience (BSc), Concordia University
- Project: Combined effects of acute exercise and sleep restriction on cognition
- Period of supervision: Since August 2019
- Role: Supervisor

Ilyas Mameri-Arab

- Program: Bachelor in Neuroscience (BA), Université de Montréal
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Scholarship: NSERC Undergraduate Student Research Award
- Period of supervision: May 2019 – August 2019
- Role: Supervisor

Ana Stirbu

- Program: Bachelor in Neuroscience (BA), Université de Montréal
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: March 2019 - August 2019
- Role: Supervisor

Medical Biophysics

Louisa Da Costa-Mendes

- Program: Bachelor in Medical Biophysics (BSc. – Honors), Western University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: January 2019 – September 2019
- Role: Supervisor

Biology

Mahla Lakzian

- Program: Bachelor of Biology (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2019 – December 2021
- Role: Supervisor

2018

Psychology

Aminata Balde

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: November 2018 – December 2019
- Role: Supervisor

Marissa Lik

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: October 2018 – December 2019
- Role: Supervisor

Rebecca Bissonette

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2018 – January 2019

- Role: Supervisor

Camille Duhamel

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2018 – September 2019
- Role: Supervisor

Hoda Mady

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2018 – September 2019
- Role: Supervisor

Nicolas Guerrero

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults: A pilot study.
- Period of supervision: September 2018 – April 2019
- Role: Supervisor

Yasmine Fahmy

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: August 2018 – May 2019
- Role: Supervisor

Arya Shafei

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Pilot randomized controlled trial of combined CBTi + structured exercise training (CBTi-Ex) versus CBTi only in patients with obstructive sleep apnea and chronic insomnia
- Period of supervision: August 2018 – October 2019
- Role: Supervisor

Meaghan Pawlowsky

- Program: Bachelor in Psychology (BA) and Bachelor of interdisciplinary studies of sexuality (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: July 2018 – July 2019
- Role: Supervisor

Laurie Truchon

- Program: Bachelor in Psychology (BA), University of Ottawa
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: June 2018 - December 2018
- Role: Supervisor

Laurianne Bastien

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: June 2018 – February 2019
- Role: Supervisor

Neuroscience

Benoît Harvey

- Program: Bachelor in Neurosciences (BSc), Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: May 2018 – August 2018
- Role: Supervisor

Jean-Louis Zhao

- Program: Bachelor in Neurosciences (BSc), Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: May 2018 – August 2018
- Role: Supervisor

Mihaela Cristiana Bata

- Program: Bachelor in Neurosciences (BSc), Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: May 2018 – August 2018
- Role: Supervisor

2017

Psychology

Roxanne Carbonne

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: September 2017 - October 2018
- Role: Supervisor

Katherine Chhuon

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Cross-frequency coupling of neural oscillations in sleep, in relation to cognition and ageing
- Period of supervision: September 2017 - August 2018
- Role: Supervisor

Joelle Ducharme

- Program: Bachelor in Psychology (BA – Honours), McGill University
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults: A pilot study.
- Period of supervision: September 2017- September 2018
- Role: Supervisor

Marie Carignan-Latour

- Program: Bachelor in Psychology (BA), Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: September 2017 – September 2018
- Role: Supervisor

Kenza Eddebbah

- Program: Bachelor in Psychology (BA), Concordia University

- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: May 2017 – November 2018
- Role: Supervisor

Sasha Elbaz

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2017 – May 2018
- Role: Supervisor

Yingyan Lin

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2017 – May 2018
- Role: Supervisor

Julia Lumia

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Period of supervision: May 2017 – January 2019
- Role: Supervisor

Neuroscience

Christine Ghantous

- Program: Microprogram in Neuroscience, Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: September 2017 – September 2018
- Role: Supervisor

Amir Benlachtar

- Program: Microprogram in Neuroscience, Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: May 2017 – May 2018
- Role: Supervisor

Milan Barande

- Program: Microprogram in Neuroscience, Université de Montréal
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults
- Period of supervision: January 2017 - May 2017
- Role: Supervisor

Pharmacology

Matthew Kaba Aboud

- Program: Bachelor in Pharmacology (BSc), McGill University
- Project: Direct and mediating effects of short-term exercise on sleep and recognition memory in young, sedentary adults
- Period of supervision: May 2017 – December 2017
- Role: Supervisor

2016

Psychology

Julianna Ricchiuti

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2016 – July 2018
- Role: Supervisor

Rosette Tamaddondoust

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2016 – December 2017
- Role: Supervisor

Tiffany Samaan

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: September 2016 -September 2017
- Role: Supervisor

Elizaveta Frolova

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Pathophysiology of narcolepsy and idiopathic hypersomnia: a multimodal neuroimaging study
- Period of supervision: September 2016-September 2018
- Role: Supervisor

Félix-Antoine Guérin

- Program: Bachelor in Psychology (BA), Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: September 2016 – September 2017
- Role: Supervisor

Lea Homer

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Coupling of neural oscillations in sleep, in relation to cognition and aging
- Scholarship: NSERC Undergraduate Student Research Award
- Period of supervision: September 2016 – September 2018
- Role: Supervisor

Lukia Tarelli

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – May 2017
- Role: Supervisor

Sophia Grégoire-Boyer

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Relationship Between Sleep Spindles and Responses to Cognitive Behavioral Therapy for Insomnia During the Withdrawal of Chronic Benzodiazepine Treatment
- Period of supervision: May 2016 – May 2017
- Role: Supervisor

Shankeetha Amirthalingam

- Program: Bachelor in Psychology (BA), Concordia University

- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 - May 2017
- Role: Supervisor

Cassandra Duguay

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – May 2017
- Role: Supervisor

Didier Paquin

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – May 2017
- Role: Supervisor

Si Won Park

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – May 2017
- Role: Supervisor

Olivia Seshadri

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – September 2016
- Role: Supervisor

Victoria Yue

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – December 2018
- Role: Supervisor

Exercise Science

Katherine Walker

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – April 2018
- Role: Supervisor

Min Yi Zeng

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 - May 2017
- Role: Supervisor

Brent Rosenstein

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2016 – May 2017
- Role: Supervisor

Neuroscience

Mehdi Essounni

- Program: Microprogram in Neuroscience, Université de Montréal
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Period of supervision: May 2016 – January 2017
- Role: Supervisor

2015

Psychology

Elisabeth Houle

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Effects of cognitive-behavioral therapy for insomnia during benzodiazepine withdrawal on cognitive functions in the elderly
- Scholarship: NSERC Undergraduate Student Research Award
- Period of supervision: January 2015 – May 2017
- Role: Supervisor

Cynthia Malu

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – May 2017
- Role: Supervisor

Corina Moraru

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Investigating the Relation Between Sleep Misperception and Sleep Spindles in Insomniacs
- Period of supervision: January 2015 – May 2017
- Role: Supervisor

Sylviane Guignard

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – June 2016
- Role: Supervisor

Viviane Guignard

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – June 2016
- Role: Supervisor

Exercise Science

Ali Nabeel

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – May 2017
- Role: Supervisor

Arshi Kaffash

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – May 2017
- Role: Supervisor

Nastasia Gelastopoulos

- Program: Bachelor in Exercise Science (BSc), Concordia University

- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – May 2017
- Role: Supervisor

Anthony Thorburn

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – June 2016
- Role: Supervisor

Julian Alessi

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – June 2016
- Role: Supervisor

Anthony Rossi

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2015 – June 2016
- Role: Supervisor

2014

Exercise Science

Stephanie McKenzie

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: June 2014 – June 2015
- Role: Supervisor

Stephanie Russo

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biomarkers of clinical recovery from post-stroke aphasia during sleep
- Period of supervision: June 2014 – June 2015
- Role: Supervisor

Raymond You

- Program: Bachelor in Exercise Science (BSc), Concordia University
- Project: Biomarkers of clinical recovery from post-stroke aphasia during sleep
- Period of supervision: June 2014 – June 2015
- Role: Supervisor

Lena Dakin

- Program: Bachelor in Exercise Science (BSc – Independent study), Concordia University
- Project: Effects of cognitive-behavioural therapy on sleep microarchitecture in chronic primary insomnia
- Period of supervision: June 2014 - December 2014
- Role: Supervisor

Pharmacology

Jocelyn Jia

- Program: Bachelor in Pharmacology (BSc), McGill University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: June 2014 - September 2014
- Role: Supervisor

Biology

Vanessa Discepola

- Program: Bachelor in Biology (BSc), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2014 – April 2014
- Role: Supervisor

2013

Psychology

Nidhusha Vijayakumar

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Neuroimagerie du sommeil et des troubles du sommeil
- Period of supervision: January 2013 – Mai 2013
- Role: Supervisor

Audrée Arcelin

- Program: Bachelor in Psychology (BA), Concordia University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: January 2013 – September 2014
- Role: Supervisor

Biochemistry

Jaric Ratté

- Program: Bachelor in Biochemistry (BSc), Concordia University
- Project: Biomarkers of clinical recovery from post-stroke aphasia during sleep
- Period of supervision: May 2013 – October 2013
- Role: Supervisor

Physiology

Victoria Zhang

- Program: Bachelor in Physiology (BSc), McGill University
- Project: Biological predictors of treatment responses to cognitive-behavioral therapy for primary insomnia
- Period of supervision: May 2013 – August 2014
- Role: Supervisor

2012 & 2011

Psychology

Marie-Eve Lapointe

- Program: Bachelor in Psychology (BA), Université de Montréal
- Project: Micro-architecture du sommeil dans le somnambulisme
- Period of supervision: January 2012 – April 2012
- Role: Co-supervisor

Marie-Soleil Sirois

- Program: Bachelor in Psychology (BA), Université de Montréal
- Project: Micro-architecture du sommeil dans le somnambulisme
- Period of supervision: January 2012 – April 2012
- Role: Co-supervisor

Stéphanie Belec

- Program: Bachelor in Psychology (BA), Université de Montréal
- Project: Ondes lentes du sommeil dans la narcolepsie
- Period of supervision: October 2011 – April 2012
- Role: Co-supervisor

Francis Lachapelle

- Program: Bachelor in Psychology (BA), Université de Montréal
- Project: Fuseaux du sommeil dans la narcolepsie
- Period of supervision: October 2011 – April 2012
- Role: Co-supervisor

3.4. Student committee participation (32)

Alex Enescu

- Program: *PhD, Psychiatry*, McGill University
- Project title: Investigating the neuro-phenomenological relationship between dreaming, imaginary mental activity and waking hallucinations
- Date of Assessment: October 12th, 2022 (PhD proposal)
- Role: External examiner

Sara Pintwala

- Program: *PhD, Cells and Systems Biology*, University of Toronto
- Project title: Transplanting immortal orexin cells in narcoleptic mice rescues cataplexy
- Date of Assessment: September 13th, 2022 (PhD defence)
- Role: External examiner

Vaishali Mutreja

- Program: *PhD, Integrated Program in Neuroscience (IPN)*, McGill University
- Project title: A sleep spindle mechanism for declarative memory consolidation: providing causal evidence using a targeted memory reactivation paradigm
- Date of Assessment: June 13th, 2022 (PhD candidacy exam)
- Role: Committee member

Chen Shuo

- Program: *PhD, Integrated Program in Neuroscience (IPN)*, McGill University
- Project title: Network-wide assessment on content-specific declarative memory reactivation during sleep
- Date of Assessment: February 23rd, 2022 (PhD candidacy exam)
- Role: Committee member

Teresa Gomes

- Program: *PhD, Integrated Program in Neuroscience (IPN)*, McGill University
- Project title: The effect of obstructive sleep apnea on cognitive dysfunction in Parkinson disease: Canadian Longitudinal Study on Aging
- Date of Assessment: December 7th, 2021 (PhD candidacy exam)
- Role: Committee member
-

Jude Nachabe

- *Program: MA in Psychology, Concordia University*
- *Project title: Sleep Quality during the Pandemic and High Frequency- Heart Rate Variability as a moderator*
- *Date of Assessment: July 21st, 2021 (MA defence)*
- *Role: Committee member*

Jake Palmer

- *Program: PhD, Clinical Neuropsychology, Macquarie University (Sydney, Australia)*
- *Project title: Sleep, rest-activity rhythms and white matter in older adults at risk for cognitive decline and dementia*
- *Date of Assessment: March 2021 (PhD thesis submission)*
- *Role: External examiner*

Sarah Ferraro

- *Program: PhD in Biology, Concordia University*
- *Project title: Effect of prenatal administration of valproic acid on circadian organization and clock gene expression: implication for Autism Spectrum Disorders*
- *Date of Assessment: July 27th, 2020 (PhD proposal evaluation)*
- *Role: Committee member*

Claudia Picard-Deland

- *Program: PhD in Neuroscience, University of Montreal*
- *Project title: Effet d'une réactivation de mémoire ciblée sur les rêves et la mémoire procédurale*
- *Date of Exam: July 16th, 2020 (comprehensive exam defence)*
- *Role: President of the jury*

Malgorzata Wislowska

- *Program: PhD in Psychology, University of Salzburg (Austria)*
- *Project title: Rhythms of the sleeping brain orchestrate cognition*
- *Date of Exam: February 24th, 2020 (thesis defence)*
- *Role: External Reviewer/Committee member*

Meaghan Barlow

- *Program: PhD in Psychology, Concordia University*
- *Project title: Emotions and well-being in older adulthood: exploring the roles of age, stress and motivational processes*
- *Date of Exam: November 15, 2019 (thesis defence)*
- *Role: Examiner*

Soheila Samiee

- *Program: PhD, Integrated Program in Neuroscience (IPN), McGill University*
- *Project title: Cross-frequency phase-amplitude coupling in brain oscillations*
- *Date of Exam: June 26th, 2019 (thesis defence)*

- *Role:* External Committee Member

Kiran Vadaga

- *Program:* PhD in Psychology, Concordia University
- *Project title:* Task-set inhibition and aging: new insights from the dual mechanisms control theory
- *Date of Exam:* August 29, 2018 (thesis defence)
- *Role:* Examiner

Elise Douard

- *Program:* PhD in Neurosciences, Université de Montréal
- *Project title (comprehensive examination):* Sleep disorders in neurodevelopmental disorders
- *Date of Exam:* August 28, 2018
- *Role:* Examiner

Catherine Duclos

- *Program:* PhD in Biomedical Sciences, Université de Montréal
- *Project title:* Sleep and circadian rhythms in the acute phase of moderate to severe traumatic brain injury
- *Date of Exam:* January 31, 2018 (thesis defence)
- *Role:* Examiner

Justin Dionne

- *Program:* MSc in Exercise Science, Concordia University
- *Project title:* Exploring the effects of rhythmic afferent alpha and gamma range electrical stimulation on processing mechanisms in a tone discrimination dual-task paradigm
- *Date of Exam:* January 8, 2018 (thesis defence)
- *Role:* Examiner

Samuel Laventure

- *Program:* PhD in Psychology, Université de Montréal
- *Project title:* Le rôle du stade 2 du sommeil non-paradoxal et des fuseaux de sommeil dans la consolidation de la mémoire motrice séquentielle
- *Date of Exam:* December 21, 2017 (thesis defence)
- *Role:* Examiner

Sébrina Aubin

- *Program:* PhD in Neurological Sciences, Université de Montréal
- *Project title:* L'influence de la cécité sur le rythme circadien et le sommeil
- *Date of Exam:* November 20, 2017 (thesis defence)
- *Role:* Chair

Alex Enescu

- *Program:* MSc in Psychiatry, McGill University
- *Project title:* Oneiric Release: Phenomenological Origin of Hallucinations

- *Date of Exam:* August 30, 2017 (thesis defence)
- *Role:* Examiner

Stéphanie Tremblay

- *Program:* MSc in Exercise Science, Concordia University
- *Project title:* Oscillations and synchrony in the cerebellum and limbic structures: a potential mechanism for a cerebellar role in depression
- *Date of Exam:* May 12, 2017 (thesis proposal)
- *Role:* Examiner

Mahmoud Khodaverdi-Khani

- *Program:* PhD in Psychology, Concordia University
- *Project title:* The relationship between hypnotisability, working memory and the process of automatization
- *Date of Exam:* February 13, 2017 (thesis defence)
- *Role:* Examiner

Hannah Opiol

- *Program:* PhD in Psychology, Concordia University
- *Project title:* How might feeding affect sleep architecture? Circadian and feeding-related mechanisms for consideration
- *Date of Exam:* September 8, 2016 (thesis proposal)
- *Role:* Examiner

Mengyang Xu

- *Program:* Master of Engineering, Dpt of Biomedical Engineering, McGill University
- *Project title:* The role of mTORC1/4EBP1 signaling pathway in regulation of orexin ligand-receptor system and sleep-wake states
- *Date of Exam:* December 12, 2016 (thesis defense)
- *Role:* External Examiner

Anie Lapointe

- *Program:* MSc in Physiology, Université de Montréal
- *Project title:* Etude in vivo de l'impact de la pression pulsée sur les capillaires cérébraux de la souris
- *Date of Exam:* February 17, 2016 (thesis defence)
- *Role:* Examiner

Nikita Chicoine

- *Program:* Master (MSc) in Exercise Science, Concordia University
- *Project title:* Injured athletes self-report poor sleep, more pain and increased anxiety
- *Date of Exam:* November 18th, 2015 (thesis defence)
- *Role:* Examiner

Sébastien Dery

- *Program:* Master of Engineering, Dpt of Biomedical Engineering, McGill University
- *Project title:* Exploratory analysis of functional connectivity using non-invasive electrophysiological recordings
- *Date of Exam:* October 26th, 2015 (thesis proposal)
- *Role:* External Examiner

Peter Donhauser

- *Program:* PhD, Integrated Program in Neuroscience (IPN), McGill University
- *Project title:* Oscillatory hierarchies studied with MEG imaging
- *Date of Exam:* June 15th, 2015 (candidacy exam)
- *Role:* External Examiner

Dan Madularu

- *Program:* PhD in Psychology, Concordia University
- *Project title:* Advancing rodent models of the behaviours and the neurobiological pathology associated with schizophrenia
- *Date of Exam:* December 15th, 2014 (thesis defence)
- *Role:* Examiner

Soheila Samiee

- *Program:* PhD, Integrated Program in Neuroscience (IPN), McGill University
- *Project title:* A real-time imaging approach to therapeutic neurofeedback
- *Date of Exam:* November 25th, 2014 (candidacy exam)
- *Role:* External Examiner

Richard Boyce

- *Program:* PhD, Integrated Program in Neuroscience (IPN), McGill University
- *Project title:* Optogenetic investigation into the role of septal GABAergic neuronal activity during REM sleep in learning and memory
- *Date of Exam:* August 24th, 2014 (candidacy exam)
- *Role:* External Examiner

Jaymee Shell

- *Program:* Bachelor in Exercise Science (Honors), Concordia University
- *Project title:* Ice hockey stickhandling rhythmic performance and sensorimotor TENS stimulation effects
- *Date of Exam:* April 23rd, 2014 (thesis defence)
- *Role:* Examiner

Melissa Roumanis

- *Program:* Master (MSc) in Exercise Science, Concordia University
- *Project title:* The relationship between movement and pain related fear, function, and depression in chronic pain patients
- *Date of Exam:* April 7th, 2014 (thesis defence)

- *Role:* Examiner

Zohra Parwanta

- *Program:* Bachelor in Exercise Science (Honors), Concordia University
- *Project title:* Levels and Patterns of Physical Activity in Chronic Obstructive Pulmonary Disease (COPD)
- *Date of Exam:* December 16th, 2013 (thesis defence)
- *Role:* Examiner

Nikita Chicoine

- *Program:* Master (MSc) in Exercise Science, Concordia University
- *Project title:* The effect of acute injury and pain on sleep in athletes
- *Date of Exam:* December 9th, 2013 (thesis proposal)
- *Role:* Examiner

Jessica Maureen Colby-Milley

- *Program:* Master (MSc), Integrated Program in Neuroscience (IPN), McGill University
- *Project title:* Characterization of the sleep-wake cycle in the TgCRND8 mouse model of Alzheimer's disease: from early to advanced pathological stages
- *Date of Exam:* October 12th, 2013 (candidacy exam)
- *Role:* External Examiner

Sonia Jego

- *Program:* PhD, Integrated Program in Neuroscience (IPN), McGill University
- *Project title:* Optogenetic dissection of the MCH system: Implications for sleep-state modulation
- *Date of Exam:* February 20th, 2013 (candidacy exam)
- *Role:* External Examiner

4. Service

4.1. University committees (Concordia)

DEPARTMENTAL COMMITTEES (Health, Kinesiology and Applied Physiology)	
- Graduate Program Committee (GPC)	2012-now
- Graduate Program Executive Committee (GPC Exec)	2013-2014; 2019-now
- Faculty Hiring Initiatives / Proposals	2014-now
- Department Hiring Committee (DHC)	2015-2016; 2021-now
- Department Awards Committee (DAC)	2015-2016
- Advisory Search Committee for Department Chair	2014; 2018
- Spring 2015 Convocation Ceremony	June 2015
- Meetings with External Evaluators – Departmental Appraisal	January 2014
- Department Curriculum Committee (DCC)	2014-2015
- PhD Subcommittee	2013-2015
- Honours Committee	2012-2015
- Ethics Committee	2012-2014
- Media Training (org. with Clea Desjardins)	June 2013
- Open House	October 2012
 UNIVERSITY RESEARCH COMMITTEE	 2022-2025
 RESEARCH CENTER COMMITTEES	
- Area Leader (Health, Well-being and the Life Course), engAGE Center for Research on Aging	2021-now
- Executive Committee, Perform Center	2019-now
- Scientific Engagement and Advisory Committee (SEAC), <i>Perform Center, Chair of the SEAC since 2019</i>	2015-now
- Scientific Events and Communication Committee (SECC), Perform Center	2014-2020
- Applied Bio-Imaging Committee (ABC), Perform Center	2014-2019
 AD-HOC COMMITTEES	
- VPRGS Committee for the restart of human research activities	2020-now
- Committee for the Zitner Award, Faculty of Arts and Science	April 2019
- Advisory Search Committee for Perform Scientific Director	2017-2018
- Scientific Committee of the 82 nd Congress of the ACFAS (Association francophone pour le savoir), <i>Responsible for the Neuroscience and Mental Health section</i>	2013-2014
- Ethics Committee, ad-hoc consultant	2014-now
 SCHOLARSHIP COMMITTEES (internal selection process)	
- CIHR-Vanier and Masters Scholarship Committee	2019-now
- CIHR-Vanier PhD Scholarship Committee	2015-2016

- NSERC-Vanier PhD Scholarship Committee 2014-2015
- CIHR Master's Scholarship Committee 2013-2014

4.2. Institutional committees (outside Concordia)

SCHOLARSHIP AND GRANT COMMITTEES (external selection process)

- European Research Council (ERC), *grant reviewer* 2021
- Netherlands Organisation for Scientific Research (NWO), *grant reviewer* 2021
- Swiss National Funds (SNF), *grant reviewer* 2019, 2021
- NSERC-CREATE, *Postdoctoral & Graduate Scholarship Committee* 2019
- FRQ-S, *Chercheurs-boursiers J1, J2 & Senior (clinique-épidémiologie) Review Committee* 2018-now
- Canada Research Chair (CRC) program, *reviewer* 2018
- CIHR, *College of Reviewers* 2017-now
- Canadian Sleep & Circadian Network (CSCN), *scholarship and travel award reviewer* 2016-now
- Société Française de Recherche et de Médecine du Sommeil (SFRMS), *Postdoctoral and graduate scholarship reviewer* 2016-2019
- FRQ-S PhD, *Scholarship Committee, Section Clinical Neurosciences and Neuropsychology* 2013-2016
- NSERC, *Discovery Grant Program, grant reviewer* 2015-2016
- CIHR, *Doctoral Research Awards Committee* 2014-2015
- CIHR, *Institute Community Support Travel Awards Committee* 2014-2015
- Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST), *Graduate and Post-doctoral Scholarship Committee* 2014-2015
- Heart & Stroke Foundation Canadian Partnership for Stroke Recovery, *Catalyst Grant Program, grant reviewer* 2014-2015
- French National Research Agency (ANR), *grant reviewer* 2011

LEADERSHIP RESPONSABILITIES

- **Directeur Associé à la Recherche Clinique**, Institut Universitaire de Gériatrie de Montréal (IUGM) 2015-now
- **Vice-President (Research)**, Canadian Sleep Society (CSS) 2020-now
- **Co-Lead**, Team 6 (Sleep), Canadian Consortium on Neurodegeneration in Aging (CCNA) 2021-now
- **Executive committee** member, Consortium pour l'identification précoce de la maladie d'Alzheimer – Québec (CIMA-Q) 2021-now

HOSPITAL COMMITTEES

- (Institut Universitaire de Gériatrie de Montréal, IUGM)
- Executive Committee (Comité de Régie), Research Center 2015-now
- Scientific Committee, Chaire Pharmaceutique Michel-Saucier 2016-now

en Santé et Vieillessement (IUGM & Faculty of Pharmacy, U. of Montreal)
- Continuous Medical Education Program Committee 2015-now
- Centre d'Excellence en Santé Cognitive (CESCO), 2013-now
Member of the Executive Committee, Editor of the newsletter
- Ethics Committee, Regroupement Neuroimagerie/Québec (RNQ) 2014-2015
- Annual Scientific Conference of the Research Center, May 2014
Session Moderator

GOVERNMENTAL COMMITTEES

- Comité Central d'Ethique de la Recherche (CCER), 2015-now
Ministère de la Santé et des Services Sociaux (MSSS)

RESEARCH NETWORK COMMITTEES

Canadian Sleep and Circadian Network, CSCN:

- Sleep and Aging Committee 2015-now
- Training Committee 2015-now

CONFERENCE ORGANIZATION

Chair of the Scientific Committee,
10th National Conference of the Canadian Sleep Society 2021

4.3. Editorial committees

ASSOCIATE EDITOR:

SLEEP (*manuscripts handled: 57*) 2019-now
SLEEP Advances 2021-now

EDITORIAL BOARD MEMBER:

- SLEEP 2012-now
- Scientific Reports 2014-now
(*manuscripts handled: 23*)
- Current Sleep Medicine Reports 2019-now
- Sleep Spindles & Cortical Up States: A Multidisciplinary Journal 2016-now
- Neurology Central 2015-now
- Sleep and Vigilance 2016-now
- Frontiers in Neurology (Sleep and Chronobiology) 2010-now
- Frontiers in Psychiatry (Neuropsychiatric Imaging and Stimulation) 2013-now
- Frontiers in Psychology (Psychoanalysis and Neuropsychology) 2012-now
- Frontiers in Human Neuroscience 2018-now
- Scientifica 2012-now

AD-HOC REVIEWER

(*number of reviewed papers in parentheses*)

Nature Comm. (1), Neuron (1), Brain (3), Cer. Cortex (2), J. Neurosci. (1), Neurobiol. Aging (2), NeuroImage (2), Human Brain Mapping (2), Brain Topography (1), The Neuroscientist (1), PLoS ONE (2), SLEEP (53), Sleep Medicine Reviews (1), J. Sleep Res. (13), Sleep Med. (10), J. Clin. Sleep Med. (9), Behavioral Sleep Med (1), Dreaming (1), Clinical Neurophysiology (1), Philosophical Transactions of the Royal Society – B (1), Biol. Psychol. (1), Acta Neuropathologica (1), European J. Neurol. (1), European J. Neurosci. (1), Parkinsonism and Related Disorders (1), BMC Neurosci. (1), J. Behav. and Brain Sci. (1), Front. Neurol. (16), Neurosci. & Biobehav. Rev. (3), Neurobiol. Learn. & Mem. (2), Int. J. Psychophysiol. (1), Neural Comput. (1), Progr. Neuropsychopharmacol. and Biol. Psych. (1), Neural Plast. (1), E-Biomed. (1), Brain Sciences (1), Book Proposal Reviewer: Elsevier, Bentham Science Publishers.

4.4. Knowledge Translation / Articles & Interviews in the Media

MEDICAL EXPERTISE

- Continuous medical education** (family medicine, U. of Montreal & McGill U.):
insomnia expert for CME activity on sleep disorders and chronic pain,
sleep disorders in elderly populations, insomnia and narcolepsy
February 6th, 2015
Sept 11th, 2015
March 18th, 2016
March 15th, 2018
Nov 27th, 2018
April 20th, 2016
December 8th, 2016
February 3rd, 2017
October 10th, 2019
November 23rd, 2019
March 10th, 2021
May 19th, 2021
November 19th, 2021
December 3rd, 2021
February 16th, 2022
April 29th, 2022
October 11th, 2022
November 23rd, 2022
- Public lectures:** sleep disorders expert for community talks with the general public:
Vers Vous, Centre de services bénévoles aux aînés de Villeray Sept 28th, 2015
Journée Patients-Chercheurs; Fondation Sommeil Nov 12th, 2015
Association Pulmonaire du Québec Dec 8th, 2015
Centre AvantÂge March 10th, 2016
Journée éducative sur l'apnée du sommeil - Association Pulmonaire du Québec May 28th, 2016
Association Québécoise des Retraités de la Fonction Publique October 14th, 2016
Sleep and the Ageing Brain – public lecture (Healthy Brain, Healthy Lives) February 27th, 2019
Dormir trop, trop peu dormir, jamais trop informé ; Fondation Sommeil May 29th, 2019
Le sommeil en temps de pandémie ; Société canadienne du cancer April 14th, 2020

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| <i>Why and how to maintain a good sleep in a time of crisis</i>
http://www.concordia.ca/research/perform/about/blog/20200520_maintain-a-good-sleep-in-time-of-crisis.html | May 20 th , 2020 |
| <i>Le sommeil et la santé vasculaire ; Heart and Stroke Foundation</i>
https://www.youtube.com/watch?v=vVy1mjyQFTs&feature=youtu.be | May 26 th , 2020 |
| <i>Sleep to better preserve memory; Concordia U. Advancement</i> | Nov 25 th , 2020 |
| <i>Dormir pour mieux préserver sa mémoire ; Les Belles Soirées de l'UdeM</i> | Nov 26 th , 2020 |
| <i>Remote teaching : how to implement self-care during the pandemic; Concordia Center for Teaching and Learning</i> | Dec 14 th , 2020 |
| <i>Insomnia, Don't Sleep On It !; public seminar for World Sleep Day 2021</i> | March 28 th , 2021 |
| <i>McGill Cares; webcast for family caregivers on sleep and cognitive health</i>
https://www.youtube.com/watch?v=4zRCIgSgEwQ | May 18 th , 2021 |
| <i>Dormir pour mieux préserver sa mémoire ; Les Conférences Mémorables</i> | Nov 9 th , 2022 |
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| 3. Treatment guidelines | |
| RUSHGQ (Regroupement des unités de courte durée gériatriques et des services hospitaliers de gériatrie du Québec): medical expert for guidelines on the use of hypno-sedative agents and the management of insomnia in geriatric care units in Quebec | November 2014
April 2019 |
| SQG (Société Québécoise de Gériatrie): lead author for the consensus statement on the management of chronic insomnia in the elderly | September 2019 |
| 4. Book : scientific collaborator for the sleep chapter of a book on the promotion of healthy aging ('Vieillir en santé, c'est possible' by M. Sirois) | April 2017 |
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| CAFE SCIENTIFIQUE | |
| Expert for CIHR Café Scientifique on sleep 'You snooze, you win!', <i>Café La Petite Cuillère, Montreal</i> | April 3 rd , 2014 |
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| PATIENTS ASSOCIATIONS | |
| • Ad-hoc scientific advisor for Fondation Sommeil
<i>Association of patients with sleep disorders in the province of Quebec</i> | 2014-now |
| • Chair, Scientific Advisory Board, Hypersomnia Foundation
<i>Association of patients with idiopathic hypersomnia</i> | 2020-now |
| • Medical Advisory Board member for the Hypersomnia Foundation
<i>Association of patients with idiopathic hypersomnia</i> | 2018-2020 |
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| TELEVISION AND RADIO INTERVIEWS | |
| 1. Radio Canada : 'Moteur de recherche', interview on sleep and insomnia | September 20 th , 2022 |
| 2. Savoir Media : 'En quête de sommeil'
television documentary on sleep and sleep disorders
https://savoir.media/en-quete-de-sommeil/clip/bases-du-sommeil
https://savoir.media/en-quete-de-sommeil/clip/sommeil-reparateur | Nov-Dec 2021 |
| 3. Radio Canada : 'Moteur de recherche', interview on sleep and insomnia | October 27 th , 2021 |
| 4. Global News Radio (770 CHQR) – Calgary: interview on sleep debt | October 21 st , 2021 |
| 5. ICI Radio Canada – Windsor : radio interview on sleep and dementia | May 19 th , 2021 |
| 6. Radio Canada : 'Mal dormir pourrait augmenter le risque de démence' | May 14 th , 2021 |

- <https://ici.radio-canada.ca/nouvelle/1793148/insomnie-augmentation-risque-demence>
7. **CTV News (Montreal):** ‘Poor sleeping habits may increase your risk of dementia’ May 14th, 2021
 8. **CTV News (Montreal):** ‘Why more Canadians are having trouble sleeping’ March 20th, 2021
<https://montreal.ctvnews.ca/video?clipId=2165009&jwsourc=cl>
 9. **Ici Saskatchewan:** ‘Pour faire un monde’, interview on sleep during the pandemic February 22nd, 2021
 10. **MAtv Montréal:** ‘Ere Libre’, interview on insomnia November 16th, 2020
 11. **Radio Canada Première:** ‘Les années lumières’ *Incursions dans les mécanismes de la mémoire* May 10th, 2020
<https://ici.radio-canada.ca/premiere/emissions/les-annees-lumiere?depuisRecherche=true>
 12. **Radio Canada Première:** ‘Est-ce que nous rêvons plus à une certaine période de notre vie ?’ March 24th, 2020
<https://ici.radio-canada.ca/premiere/emissions/moteur-de-recherche/episodes/458877/rattrapage-du-mardi-24-mars-2020>
 13. **Radio Blvd102.1:** ‘Nathalie le midi’, *Interview on insomnia and memory* May 21st, 2019
 14. **TVA nouvelles:** ‘L’insomnie affecte la mémoire’ May 18th, 2019
a. <https://www.tvnouvelles.ca/2019/05/18/linsomnie-affecte-la-memoire-1>
 15. **Radio FM93:** ‘Que Québec se lève’, *Interview on insomnia and memory* May 18th, 2019
 16. **Radio Canada:** ‘L’insomnie chronique liée à des problèmes de mémoire’ May 16th, 2019
a. <https://ici.radio-canada.ca/nouvelle/1170207/insomnie-chronique-problemes-cognitifs-memoire>
 17. **Canal Savoir:** ‘C’est une question de santé’, *Interview on sleep* May 2019
a. <https://savoir.media/clip/le-sommeil>
 18. **Radio Canada International:** ‘Ready for World Sleep Day?’ March 14th, 2019
a. <http://www.rcinet.ca/en/2019/03/14/ready-for-world-sleep-day-wake-up-its-coming-friday/>
 19. **Radio Canada:** *Interviews on insomnia,* with regional Radio Canada stations (Sherbrooke, Rimouski, Sept-Iles, Ottawa, Toronto, Sudbury, Regina, Quebec city, Winnipeg, Windsor) November 8th, 2017
March 16th 2018
 20. **MAtv Montréal:** ‘Ere Libre’, interview on sleep and aging November 6th, 2017
 21. **CJAD 800AM:** Leslie Roberts Show, *Interview on healthy aging* May 10th, 2017
 22. **Radio Canada – Première:** ‘Les éclaireurs’, *Interview on insomnia* February 6th, 2016
 23. **CBC – Radio Canada:** ‘The Current’, *Interview on insomnia* May 29th, 2015
 24. **TVA nouvelles:** TV news on insomnia and aging March 13th, 2015
 25. **CJAD 800AM:** Barry Morgan Show, *Interview on insomnia*
 26. **Tele-Quebec :** TV show ‘Une pilule, une petite granule’, September 2014
Interview on sleeping pills in the elderly
 27. **City Montreal :** TV show ‘Breakfast TV’, *Interview on sleep* August 13th, 2014
 28. **France 2 :** 8PM news, *Les mystères du sommeil dans le bruit* August 23rd, 2010

MAGAZINE / NEWSPAPER INTERVIEWS

1. **Medscape:** ‘Insomnia may up the risk of memory decline in middle-aged and older adults’ Sept. 2022
<https://www.medscape.com/viewarticle/980774>
2. **Profession Santé :** ‘Troubles du sommeil : La civilisation qui ne dort plus’ Nov. 2020
3. **La Presse:** ‘Treize trucs pour aller mieux’ Nov 14th 2020
<https://www.lapresse.ca/societe/sante/2020-11-14/treize-trucs-pour-aller-mieux.php>
4. **The Times (London):** ‘Sleep after cycling to build up memory’ April 6th, 2020
<https://www.thetimes.co.uk/article/sleep-after-exercise-to-build-up-memory-8twv97qkt>
5. **Journal de Montréal:** ‘L’insomnie affecte la mémoire’ May 18th, 2019
<https://www.journaldemontreal.com/2019/05/18/linsomnie-affecte-la-memoire>
6. **Montreal Gazette:** ‘World sleep day: don’t discount the importance of getting proper rest’ March 15th, 2019
https://montrealgazette.com/news/world-sleep-day-dont-discount-the-importance-of-getting-proper-rest?fbclid=IwAR0wh9pIADJqXU8uR-T7ssZiE5T9E18BRkkTQ3Nwk4Z-ZQd_mNiXFwLzUaQ

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| 7. La Recherche : ‘Le sommeil et le rêve’ | March 2018 |
| 8. Le Devoir : ‘A chaque insomniaque son traitement’ | November 7 th , 2017 |
| 9. Psych Congress Network : ‘Sleep spindle density may influence success of CBT for insomnia’ | September 25 th , 2017 |
| 10. L’actualité : ‘Insomnie quand tu nous tiens’ | September 19 th , 2016 |
| 11. Montreal Gazette : ‘Getting a good night’s sleep in old age’ | November 6 th , 2015 |
| 12. Le Journal du Bel Age : ‘Vaincre l’insomnie’ | November 2015 |
| 13. The Chronicle of Neurology + Psychiatry :
‘Canadian researchers unravelling why humans sleep’ | September 2015 |
| 14. Neurology Central : ‘Exploring sleep: interview with Thanh Dang-Vu’ | August 25 th , 2015 |
| 15. Notre Santé : ‘Troubles du sommeil: lourds de conséquences’ | June 19 th , 2015 |
| 16. Le Devoir : ‘Vaincre l’insomnie, c’est possible’ | February 21 st , 2015 |
| 17. Sciences & Vie : ‘La Biologie de la Nuit’ | March 2014 |
| 18. La Presse+ : ‘Les vidangeurs du cerveau’ | October 2013 |
| 19. Le Monde de l’Intelligence : ‘Savoir Dormir’ | July/August 2013 |
| 20. Bulletin of the Vietnamese Canadian Federation :
‘Profile Spotlight : Dr Thanh Dang-Vu’ | April/June 2013 |
| 21. Sciences & Vie : ‘Les Mystères du Sommeil’ | March 2013 |
| 22. Le Soir : ‘Le sommeil de plomb : une histoire d’ondes’ | September 2011 |
| 23. Science Careers : ‘Presentation Tips for Non-Native Speakers’ | June 2011 |
| 24. Fox News : ‘Sound Sleeper? Thank Your Brain Waves’ | November 2010 |
| 25. LiveScience : ‘Sound Sleeper? Thank Your Brain Waves’ | November 2010 |
| 26. Boston Globe : ‘Sound sleepers' brain waves block noise’ | August 2010 |
| 27. Wired : ‘The Brain’s Secret to Sleeping Like a Log’ | August 2010 |
| 28. Scientific American : ‘Sound Sleepers' Brain Waves Block Sounds’ | August 2010 |
| 29. Science Daily : ‘Brain Rhythm Predicts Ability to Sleep Through a Noisy Night’
‘Human Brain Still Awake, Even During Deep Sleep’ | August 2010
October 2008 |
| 30. Science Now : ‘Busy Brains Make for Deeper Sleep’ | August 2010 |
| 31. AOL Health : ‘Sound Asleep? Why Some People Can Sleep Through Noise’ | August 2010 |
| 32. Science News : ‘Spindles foster sound slumber’ | August 2010 |
| 33. Le Figaro : ‘Le secret de ceux qui arrivent à dormir dans le bruit’ | August 2010 |
| 34. Le Temps : ‘Les dormeurs inégaux face au bruit’ | August 2010 |
| 35. 20minutes : ‘Des «fuseaux du sommeil» pour mieux dormir...’ | August 2010 |
| 36. Forskning & Framsteg (Sweden): ‘Sömmönster påverkar din lättväckthet’ | July 2010 |
| 37. Medical News Today : ‘The Brain Still Awake, Even During Deep Sleep’ | October 2008 |