

CURRICULUM VITAE  
JARED M. SALETIN, PH.D. (he/him)

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EDUCATION

Undergraduate B.A., Psychological and Brain Sciences (2008)  
The Johns Hopkins University  
Honors: Departmental and General Honors, Phi Beta Kappa, Psi Chi

Graduate Ph.D., Psychology (2014)  
University of California, Berkeley

POSTGRADUATE TRAINING

Fellowship Postdoctoral Research Fellow (2014 - 2016)  
T32MH019927: "Research Training in Child Mental Health." (PI: Spirito, A.)  
Alpert Medical School of Brown University

HONORS AND AWARDS

Recipient Jacobs Foundation Young Scholar, 04/2012.

Recipient Outstanding Graduate Student Instructor Award, Department of Psychology, University of California, Berkeley, 05/09/2014.

Recipient Distinguished Service Award, Sleep Research Society, 06/06/2014.

Fellow UCLA Lake Arrowhead Training Workshop on Sleep Research, 09/09-14/2014.

Fellow University of Pittsburgh–Stanford Career Development Institute for Psychiatry, 04/02-06/2016.

\* *Note:* Professional society travel awards are listed below in the 'membership' section.

ACADEMIC APPOINTMENTS

2016 - 2018 Assistant Professor of Psychiatry and Human Behavior (Research)  
Alpert Medical School of Brown University

2018 - Assistant Professor of Psychiatry and Human Behavior  
Alpert Medical School of Brown University

HOSPITAL APPOINTMENTS

2016 - 2018 Research Associate, E.P. Bradley Hospital Sleep Research Lab

2018 - Associate Director, E.P. Bradley Hospital Sleep Research Lab

2023 - Director, Sleep and Circadian Rhythms Methods Research Core, COBRE Center for Sleep and Circadian Rhythms in Child and Adolescent Mental Health, E.P. Bradley Hospital

UNIVERSITY COMMITTEES

2017 - 2020 Brown University Fulbright Fellowship Committee.

2022 Co-Chair, RA Research Day Conference Planning Committee

Revised 10/31/2023

## HOSPITAL COMMITTEES

- 2014 - Providence Sleep Research Interest Group (PSRIG), E.P. Bradley Hospital.
- 2014 - William C. Dement Summer Apprenticeship Admissions Committee, E.P. Bradley Hospital.
- 2020 Lifespan Information Services Research Faculty Advisory Committee

## E.P. Bradley Hospital COBRE Center for Sleep and Circadian Rhythms in Child and Adolescent Mental Health

- 2021 - Research EEG/PSG Specialist: Sleep & Circadian Rhythms Methods (SCM) Research Core
- 2022 - Member, Executive Leadership Team

## MEMBERSHIP IN SOCIETIES

### Sleep Research Society (since 2006)

#### Offices:

- 2009 – 2011 Member: Trainee Symposia Series Subcommittee
- 2012 – 2013 Trainee Member-at-Large Elect,  
Member: Trainee and Education Advisory Committee, Trainee Series Subcommittee (Vice-Chair);
- 2013 – 2014 Trainee Member-at-Large,  
Member: Board of Directors, Trainee and Education Advisory Committee, Trainee Series Subcommittee (Chair);
- 2014 – 2015 Member: “Training/Pipeline” Board-Appointed Strategic Planning Workgroup;
- 2014 – 2016 Member: “Scientific Offerings” Board-Appointed Working Group;
- 2014 – 2015 Member: Membership and Communications Committee;
- 2015 – 2018 Member: Membership Committee;
- 2018 – 2021 Vice-chair: Membership Committee, Club Hypnos Organizing Committee
- 2021 – 2024 Chair: Membership Committee, Club Hypnos Organizing Committee
- 2021 – 2024 Chair: Quarterly Committee Leadership Meetings
- 2022 Strategic Planning Workshop

#### Honors:

- Recipient Merit-Based Travel Award: 2010, 2012, 2014, 2015.

#### Other service:

- Writer Sleep Research Society Bulletin Trainee Development Notes, 2012-2014.
- Mentor SRS Sleep Meeting Trainee Mentorship Program: 2017.
- Member SRS Club Hypnos Subcommittee: 2020.
- Panelist AASM Foundation Grant Writing Workshop, Zoom (moved online, January, 2022)
- Panelist SRS Grant Writing Workshop, SLEEP2022, Charlotte, NC 06/04/22.
- Panelist Trainee Development Suite: “Advice for Career Transitions”, SLEEP2022, Charlotte NC, 06/06/22.
- Faculty 2023 AASM Young Investigator Research Forum.

### Cognitive Neuroscience Society (since 2010)

#### Honors:

- Recipient Merit-Based “Graduate Student Presents” Award: 2010.

Revised 10/31/2023

PROFESSIONAL SERVICE (OTHER)

Grant Reviewer

NIH Ad-hoc study section member: NPAS (11/2018, 06/2019); BBBP-S(90) (03/2022); ZRG1 BP-P (02) M (05/2023).

Other Deutsche Forschungsgemeinschaft (German Research Foundation); MRC/Wellcome Trust;  
Ad-hoc Department of Defense Peer Reviewed Research Program.

Journal Service

Associate Editor *Sleep Advances*

Editorial Board *Sleep; Sleep Health*

Guest Editor *Research in Developmental Disorders* Special Issue: “Sleep in Developmental Disorders” (with Jamie Edgin, PhD)

Ad hoc Reviewer *Cerebral Cortex, PLOS ONE, Canadian Journal of Experimental Psychology, Behavioral Neuroscience, Translational Issues in Psychological Science, Neurobiology of Learning and Memory, NeuroImage, NeuroImage: Clinical, Journal of Clinical Child and Adolescent Psychology, Brain Sciences, Journal of Neuroscience Research, Journal of Psychiatric Research, Hippocampus, Scientific Reports, SLEEP, Journal of Neuroscience, Experimental Brain Research, Journal of Sleep Research, Biological Psychiatry, Journal of Research on Adolescents, Child Development Perspectives, Sleep Health, Sleep Medicine, Journal of Adolescent Health, Behavioral Brain Research, Human Brain Mapping, Neurobiology of Sleep and Circadian rhythms, Research in Developmental Disorders.*

Conference Planning

Gordon Research Seminar on Sleep and Brain Function

2016 Co-Chair

Bi-annual Conference on Pediatric Sleep Medicine

2019 - 2021 Member, Planning Committee

2022 - 2023 Co-Chair of 2023 Meeting

ORIGINAL PEER-REVIEWED PUBLICATIONS (h-index: 21; i10-index: 25)

1. Mander, B.A., Santhanam, S., **Saletin, J.M.**, Walker, M.P. Wake deterioration and sleep restoration of human learning. *Current Biology* 21 (5): R183-R184, 2011. PMID: 21377092. PMCID: PMC3093247.
2. van der Helm, E., Yao, J., Dutt S., Rao, V., **Saletin, J.M.**, Walker, M.P., “REM sleep de-potentiates amygdala reactivity to previous emotional experiences. *Current Biology* 21 (23): 2029-2032, 2011. PMID: 22119526. PMCID: PMC3237718.
3. **Saletin, J.M.**, Goldstein, A.N., Walker, M.P. The role of sleep in directed forgetting of human memories. *Cerebral Cortex* 21 (11): 2534-2541, 2011. PMID: 21459838. PMCID: PMC3183424.
4. Mander, B.A., Rao, V., Lu., B, **Saletin, J.M.**, Ancoli-Israel, S., Lindquist, J., Jagust, W., Walker, M.P. The contribution of prefrontal atrophy and disrupted NREM slow wave activity to impaired hippocampal memory in aging. *Nature Neuroscience* 16 (3): 357-364, 2013. PMID: 23354332. PMCID: PMC4286370.

5. **Saletin, J.M.**, van der Helm, E., Walker, M.P. The structural brain correlates of human NREM sleep oscillations. *NeuroImage* 83 (Dec): 658-668, 2013. PMID: 23770411. PMCID: PMC4263481.
6. Goldstein, A.N., Greer, S.M., **Saletin, J.M.**, Harvey, A., Nitschke, J., Walker, M.P. Tired, anxious, and apprehensive: Anxiety amplifies the impact of sleep loss on aversive brain anticipation. *Journal of Neuroscience* 33 (26): 10607-10615, 2013. PMID: 23804084. PMCID: PMC3693050.
7. Mander, B.A., Rao, V., Lu, B., **Saletin, J.M.**, Ancoli-Israel, S., Jagust, W., Walker, M.P. Impaired prefrontal sleep spindle regulation of hippocampal-dependent learning in older adults. *Cerebral Cortex* 24 (12): 3301-3309, 2014. PMID: 23901074. PMCID: PMC4224242.
8. Mander, B.A., Marks, S., Vogel, J., Rao, V., Lu, B., **Saletin, J.M.**, Ancoli-Israel, S., Jagust, W., Walker, M.P.  $\beta$ -amyloid deposition in the human brain disrupts NREM slow wave sleep and associated hippocampus-dependent long-term memory. *Nature Neuroscience* 18 (7): 1051-1057, 2015, PMID: 26030850. PMCID: PMC3693050.
9. Goldstein-Piekarski, A.N., Greer, S.M., **Saletin, J.M.**, Walker, M.P. Sleep deprivation impairs the human central and peripheral nervous system discrimination of social threat. *Journal of Neuroscience* 35 (28): 10135-10145, 2015. PMID: 26180190. PMCID: PMC3693050.
10. **Saletin, J.M.**, Goldstein-Piekarski, A.N., Greer, S.M., Stark, S., Stark, C.E., Walker, M.P. Human hippocampal structure: A novel biomarker predicting mnemonic vulnerability to, and recovery from, sleep deprivation. *Journal of Neuroscience* 36 (8): 2355-2363, 2016. PMID: 26911684. PMCID: PMC4764658.
11. **Saletin, J.M.**, Coon, W.C., Carskadon, M.A. Stage 2 sleep EEG sigma activity and motor learning in childhood ADHD: A pilot study. *Journal of Clinical Child and Adolescent Psychology* 46 (2): 188-197, 2017. PMID: 27267670.
12. Mander, B.A. Zhu, A., Lindquist, J.R., Villeneuve, S., Rao, V., Lu, B., **Saletin, J.M.**, Ancoli-Israel, S., Jagust, W.J., Walker, M.P. White matter structure in older adults moderates the benefit of sleep spindles on motor memory consolidation. *Journal of Neuroscience*, 2017. 37 (48): 11675-11687. PMID: 29084867.
13. Goldstein-Piekarski, A.N., Kaplan, K.A., **Saletin, J.M.**, Harvey, A.G., Williams, L.M., Walker, M.P., Sex, sleep deprivation, and the anxious brain. *Journal of Cognitive Neuroscience*, 2017. 30 (4): 565-578. PMID: 2944642.
14. **Saletin, J.M.**, Hilditch, C.J., Dement, W.C., Carskadon, M.A., Short daytime naps briefly attenuate objectively measured sleepiness under chronic sleep restriction. *Sleep* 40(9): zsx118, 2017. PMID: 28934525. *Co-first-author with Cassie Hilditch*
15. Soehner, A.M., Kaplan, K.A., **Saletin, J.M.**, Talbot, L.S., Hairston, I.S., Gruber, J., Eidelman, P., Walker, M.P., Harvey, A.G. You'll feel better in the morning: slow wave activity and overnight mood regulation in interepisode bipolar disorder. *Psychological Medicine*, 48 (2): 249-260, 2018. PMID: 28625231.
16. Thomas, S.A., Christensen, R.E., Schettini, E., **Saletin, J.M.**, Ruggieri, A.L., MacPherson, H.A., Kim, K.L., Dickstein, D.P., 2018. Preliminary analysis of resting state functional connectivity in young adults with subtypes of bipolar disorder. *Journal of Affective Disorders*, 246: 716-726, 2018. PMID: 30616161.
17. **Saletin, J.M.**, Jackvony, S., Rodriguez, K.A., Dickstein, D.P., "A coordinate-based meta-analysis comparing brain activation between ADHD and total sleep deprivation." *Sleep*, zsy251, 2019. PMID: 30541103.
18. Goldschmidt, A.B., Whitney Evans, E., **Saletin, J.M.**, O'Sullivan, K., Koren, D., Engel, S.G., Haedt-Matt, A., Naturalistic, multimethod pilot study of sleep duration and quality as predictors of dysregulated eating in youth with overweight and obesity. *Appetite*, 146:104521, 2020. PMID: 31751632.
19. Koopman-Verhoeff, M.E., Gredvig-Ardito, C., Barker, D.H., **Saletin, J.M.**, Carskadon, M.A., Assessing pubertal development for sleep studies: reliability and validity of child- and parent-reported Pubertal Development Scales compared to Tanner staging. *J. Adolescent Health*. <https://doi.org/10.1016/j.jadohealth.2019.11.308>, 2020. PMID: 31974011.

20. Koopman-Verhoeff, M.E., Mulder, R.H., **Saletin, J.M.**, Reiss, I., Luijk, M.P.C.M., Felix, J.F., Carskadon, M.A., Tiemeier, H., Cecil, C.A.M., Genome-wide DNA methylation patterns associated with sleep and mental health in children: a population-based study. *Journal of Child Psychology and Psychiatry*, 61 (10): 1061-1069, 2020. PMID: 32361995.
21. Letzen, J.E., Robinson, M.L., **Saletin, J.M.**, Sheinberg, R.B., Smith, M.T., Racial disparities in sleep-related cardiac function in young, healthy adults: implications for cardiovascular-related health. *Sleep*, zsab164, 2021. PMID:3421473.
22. Meltzer, L.J., **Saletin, J.M.**, Honaker, S.M., Owens, J.A., Seixas, A., Wahlstrom, K.L., Wolfson, A.R., Wong, P., Carskadon, M.A., COVID-19 instructional approaches (in-person, online, hybrid), school start times, and sleep in over 5,000 U.S. adolescents. *Sleep*, zsab180, 2021. PMID: 34401922.
23. **Saletin, J.M.**, Koopman-Verhoeff, M.E., Han, G., Barker, D.H., Carskadon, M.A., Anders, T.F., Sheinkopf, S.J., Rhode Island Consortium for Autism Research and Treatment (RI-CART), Anders, T.F., Sheinkopf, S.J., Sleep problems index severity of autism spectrum disorders: evidence from a large community sample of children and adolescents. *Child and Human Development*, [doi.org/10.1007/s10578-022-01470-0](https://doi.org/10.1007/s10578-022-01470-0), 2022. Co-first-author with M. Elize Koopman-Verhoeff.
24. Wong, P., Meltzer, L.J, Barker, D., Honaker, S.M., Owens, J.A., **Saletin, J.M.**, Seixas, A., Wahlstrom, K.L, Wolfson, A.R., Carskadon, M.A., The Associations Between Instructional Approach, Sleep Characteristics and Adolescent Mental Health: Lessons from the COVID-19 Pandemic. *In press at Sleep Health*.

#### OTHER PEER-REVIEWED PUBLICATIONS (e.g., REVIEWS/COMMENTARIES)

1. **Saletin, J.M.**, Walker, M.P. Nocturnal mnemonics: Sleep and hippocampal memory processing. *Frontiers in Neurology* 3 (59), 2012. PMID: 22557988. PMCID: PMC3340569.
2. Abel, T., Havekes, R., **Saletin, J.M.**, Walker, M.P., Sleep, learning, and plasticity: from molecules to memory. *Current Biology* 23 (17): R774-R788, 2013. PMID: 24028961. PMCID: PMC4263505.
3. Tarokh, L., **Saletin, J.M.**, Carskadon, M.A., Sleep in adolescence: physiology, cognition and mental health. *Neuroscience & Biobehavioral Reviews* 70: 182-188, 2016. PMID: 27531236 PMCID: PMC5074885.
4. Krause, A., Simon, E.B., Mander, B.A., Greer, S.M., **Saletin, J.M.**, Goldstein-Piekarski, A.N., Walker, M.P. The sleep-deprived human brain. *Nature Reviews Neuroscience* 18 (7): 404-418, 2017. PMID: 2851433.
5. **Saletin, J.M.**, Memory: Necessary for deep sleep? *Current Biology* 30(5), R234-236, 2020. PMID: 32155430.
6. Edgin J., **Saletin, J.M.**, Sleep, brains, and behavior in ten neurodevelopmental disorders: a special issue of RIDD. *Research in developmental disabilities* 102: 103636, 2020. PMID: 32416554.
7. Koopman-Verhoeff, M.E., **Saletin, J.M.**, A good night's sleep: necessary for young minds. In special issue "Everything You and Your Teachers Need to Know About the Learning Brain" of *Frontiers in Young Minds*, 2020.
8. Ziporyn, T., Owens, J. A., Wahlstrom, K. L., Wolfson, A. R., Troxel, W. M., Saletin, J. M., Rubens, S. L., Pelayo, R., Payne, P. A., Hale, L., Keller, I., & Carskadon, M. A. Adolescent sleep health and school start times: Setting the research agenda for California and beyond - A Research Summit Summary. *Sleep Health*. 2022

#### BOOKS AND BOOK CHAPTERS

1. **Saletin, J.M.**, Walker, M.P. The Modulation of Memory by Sleep, in Kushida, C. (ed), "Encyclopedia of Sleep." Vol. 1, pp. 503-512, 2013. Waltham, MA: Academic Press.
2. Mason, G.M. & **Saletin, J.M.**, Insufficient sleep's impact on cognitive and emotional health in adolescence: current advances and research needs. Invited (to JMS) book chapter for *Advances in the Psychobiology of Sleep and Circadian Rhythms.* (Eds: Drummond, S. & Jackson, M.) *in press.*

## MANUSCRIPTS SUBMITTED

1. **Saletin, J.M.**, Owens, J.A., Wahlstrom, K.L., Honaker, S.M., Wolfson, A.R., Seixas, A., Wong, P.M., Carskadon, M.A., Meltzer, L.J., Moving School Online During the COVID-19 pandemic: Impact on Sleep and Academic Wellness in 4081 adolescents. *In Preparation for Sleep Health*.
2. McCullar, K.S., Barker, D.H., McGeary, J.E., Saletin, J.M., Gredvig-Ardito, C., Swift, R.M., Carskadon, M.A., Altered sleep architecture following consecutive nights of pre-sleep alcohol. *Between revisions at Sleep*.

## MANUSCRIPTS IN DRAFT

*\*\* Manuscripts undergoing active progress but not currently in draft are delineated in the appendix \*\**

3. Ahmadi, M., Krause, A., J., O’Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J.A., **Saletin, J.M.**, Goldstein-Piekarski, A., Improvements in immediate and delayed memory with insomnia therapy and their associated with SWA in older adults. *In Preparation for Sleep*.
4. O’Hora, K.P., **Saletin, J.M.**, Bearden, C.E., Beyond Polysomnography: Wearable EEG Headbands for Scalable Biomarkers of Neurodevelopmental Disorders. *In review, Sleep*.

## SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

### Non-Peer Reviewed

1. Hume Software Package (previously sleepSMG): Open-Source MATLAB User Interface for Scoring Sleep (co-developed with Stephanie Greer), available to research community at: [www.github.com/jsaletin/hume](http://www.github.com/jsaletin/hume) .
2. Sharkey, K., Baron, K., Duffy, B., Grandner, M., **Saletin, J.**, Spencer, R., Hogenesch, J., “Pandemic Sleep Advice Straight from Sleep Researchers,” *Elemental, [medium.com](https://medium.com)*, 03/25/2020. <https://tinyurl.com/sleeppandemic> .

## ABSTRACTS

*All published conference proceedings (e.g., posters) listed below.*

*\* indicates oral presentations as enumerated in next session.*

*+++ indicated senior authorship of trainee-led abstract*

Total first-author: 22

Total senior-author: 8

Total co-author: 37

1. Carskadon, M.A., Coon, W.G., **Saletin, J.**, McNrue, E., Arantes, H. Overnight motor skills learning in children with and without ADHD. *Sleep* 31(Suppl.): A372-A373, 2008.
2. **Saletin, J.M.**, Peterson, S.C., Kronfli, T.R., Buenaver, L., Klick, B., Haythornthwaite, J.A., Smith, M.T. Actigraphy reveals phase advancement of the sleep midpoint in patients with chronic temporomandibular joint disorder pain compared to healthy pain-free controls. *Sleep* 31(Suppl.): A311, 2008.
3. Smith, M.T., Peterson, S.C., Kronfli, T.R., **Saletin, J.M.**, Edwards, R.R., Buenaver, L., Haythornthwaite, J. Decreased sleep efficiency is associated with reduced endogenous pain inhibitory capacity in patients with chronic temporomandibular joint disorder (TMD) pain. *Sleep* 31(Suppl.): A311, 2008.
4. Saletin J.M., Kronfli, T.R., Peterson, S.C., Smith, M.T. Ethnic differences in sleep architecture and continuity in healthy self-reported good sleepers. *Sleep* 31(Suppl.): A237, 2008.
5. Wickwire, E.M., Hoehn, J., McNrue, E., **Saletin, J.**, Peterson, S., Grace, E., Buenaver L., Smith M.T. Performance of actigraphy in temporomandibular joint disorder. *Sleep* 32 (Suppl.): A340, 2008.
6. **Saletin, J.M.**, Klick, B., Smith, M.T. Ethnic differences in sleep architecture in healthy, normotensive young adults are associated with nocturnal heart rate variability. Presented at the annual meeting of Canadian Sleep Society, Toronto, ON, (Abstract Book), 2009.

7. \* **Saletin, J.M.**, Goldstein, A.N., Walker, M.P. Directing sleep to selectively remember and forget human memories. *Sleep* 33 (Suppl.): A33, 2010.
8. \* **Saletin, J.M.**, Goldstein, A.N., Walker, M.P. Directing sleep to selectively remember and forget human memories. *Journal of Cognitive Neuroscience* 23 (Suppl.): 30, 2011.
9. van der Helm, E., Yao, J., Rao, V., **Saletin, J.M.**, Dutt, S., Walker, M.P. Overnight therapy? Sleep de-potentiates emotional brain reactivity. *Sleep* 34 (Suppl.): A67, 2011.
10. Mander, B.A., Rao, V., Lu, B., **Saletin, J.M.**, Jagust, W., Walker, M.P. Impaired hippocampal-dependent learning in older adults mediated by deficient sleep-spindle generation. *Sleep* 34 (Suppl.): A82, 2011.
11. Mander, B.A., Rao, V., Lu, B., **Saletin, J.M.**, Jagust, W., Walker, M.P. Age-related failure of human memory consolidation caused by a loss of prefrontal NREM slow wave oscillation. *Sleep* 34 (Suppl.): A81, 2011.
12. \* **Saletin, J.M.**, van der Helm, E., Walker, M.P. The structural brain correlates of human NREM sleep. *Sleep* 34 (Suppl.): A29, 2011.
13. Mander, B.A., Rao, V., Lu, B., **Saletin, J.M.**, Ancoli-Israel, S., Jagust, W., Walker, M.P. Aging impairments in NREM slow wave activity and memory consolidation are mediated by prefrontal brain atrophy. *Sleep* 35 (Suppl.): A18, 2012.
14. Mander, B.A., Zhu, A., Lu, B., **Saletin, J.M.**, Ancoli-Israel, S., Jagust, W., Walker, M.P. Age-related impairments of memory and fast sleep spindles are mediated by deterioration of cortico-thalamic white matter pathways. *Sleep* 35 (Suppl.): A23, 2012.
15. Goldstein, A.N., Greer, S.M., **Saletin, J.M.**, Walker, M.P. Tired, anxious and expecting the worst: The impact of sleep deprivation and anxiety on emotional brain anticipation. *Sleep* 35 (Suppl.): A108, 2012.
16. \* **Saletin, J.M.**, Goldstein, A.N., Greer, S.M., Stark, S., Stark, C.E., Walker, M.P. Human brain structure predicts vulnerability to sleep deprivation induced hippocampal memory impairments, and their restoration by NREM slow waves. *Sleep* 35 (Suppl.): A86, 2012.
17. \* **Saletin, J.M.**, van der Helm, E., Walker, M.P. Structural brain morphology of the human prefrontal cortex predicts inter-individual variability in NREM slow wave homeostasis. *Sleep* 35 (Suppl.): A27, 2012.
18. Mander, B.A., Vogel, J., Rao, V., Lu, B., **Saletin, J.**, Ancoli-Israel, S., Jagust, W., Walker, M.P. APOE4 genotype impairs sleep spindle restoration of next day hippocampal-dependent learning in older adults. *Sleep* 37 (Suppl.): A12, 2014.
19. Mander, B.A., Marks, S., Rao, V., Lu, B., **Saletin, J.**, Ancoli-Israel, S., Jagust, W., Walker, M.P. Human  $\beta$ -amyloid pathology impairs memory in older adults through its impact on NREM slow waves. *Sleep* 37 (Suppl.): A11, 2014.
20. Soehner, A.M., **Saletin, J.**, Kaplan, K.A., Talbot, L.S., Hairston, I.S., Eidelman, P., Gruber, J., Walker, M.P., Harvey, A.G. You'll feel better in the morning: Slow wave activity and overnight mood regulation in bipolar disorder. *Sleep* 37 (Suppl.): A269, 2014.
21. Soehner, A.M., **Saletin, J.**, Kaplan, K.A., Talbot, L.S., Hairston, I.S., Eidelman, P., Gruber, J., Walker, M.P., Harvey, A.G. You'll feel better in the morning: Slow wave activity and overnight mood regulation in bipolar disorder. *Biological Psychiatry* 75 (Suppl.): 199S, 2014.
22. \* **Saletin, J.M.**, Greer, S.M., Mander, B.A., Krause, A., Cerreta, A., Harvey, A.G., Dahl, R.E., Walker, M.P. Adolescent development governs the restorative influence of sleep-spindles on next-day hippocampal learning ability. *Sleep* 37 (Suppl.): A10, 2014.
23. **Saletin, J.M.**, Coon, W.C., Carskadon, M.A. Nocturnal sleep spindle EEG frequencies are associated with normalized motor skill accuracy in attention-deficit-hyperactivity disorder. Presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA, (Abstract Book), 2015.
24. \* **Saletin, J.M.**, Coon, W.C., Carskadon, M.A. Sleep spindle-frequency EEG activity is associated with overnight motor skill improvement in children with attention-deficit-hyperactivity-disorder. *Sleep* 38 (Suppl.): A12, 2015.

25. **Saletin, J.M.**, Goldstein, A.N., Greer, S.M., Krause, A.J., Cerreta, A.G.B., Harvey, A.G., Dahl, R.E., Walker, M.P. REM sleep physiology differentially regulates social threat detection in the adolescent and adult brain. *Sleep* 38 (Suppl.): A27, 2015.
26. Shochat, T., **Saletin, J.M.**, Barker, D., Van Reen, E., Sharkey, K., Roane, B., Gredvig-Ardito, C., Carskadon, M.A. Does sex moderate the association of habitual sleep duration and timing with depressive mood symptoms in college-bound high school seniors? *Sleep* 38 (Suppl.): A22, 2015.
27. Carskadon, M.A., **Saletin, J.M.**, Van Reen, E., Bartz, A., Hart, C., Raynor, H., Herz, R.S. Circadian influences on smell and taste detection thresholds: Preliminary results from adolescents. *Sleep* 38 (Suppl.): A67, 2015.
28. Carskadon, M.A., **Saletin, J.M.**, Van Reen, E., Bartz, A., Hart, C., Raynor, H., Herz, R.S. Smell and taste, trait or state? The influence of circadian rhythm on chemosensory thresholds. Presented at the Annual Meeting of the Association for Chemoreception Sciences, Bonita Springs, FL, (Abstract Book), 2015.
29. Mander, B.A., Winer, J., Marks, S., Vogel, J., Lu, B., **Saletin, J.M.**, Ancoli-Israel, S., Jagust, W., Walker, M.P. NREM slow wave activity <1Hz as a biomarker and long-term predictor of  $\beta$ -Amyloid burden in older adults. *Sleep* 39 (Suppl.): A347, 2016.
30. Mander, B.A., Zhu, A., Lindquist, J.R., Villeneuve, S., Rao, V., Lu, B., **Saletin, J.M.**, Ancoli-Israel, S., Jagust, W., Walker, M.P. Degeneration of white matter pathways in older adults explains the failure of sleep spindles to promote motor memory consolidation. *Sleep* 39 (Suppl.): A22, 2016.
31. Goldstein-Piekarski, A.N., Greer, S.M., **Saletin, J.M.**, Williams, L.M., Walker, M.P. Brain morphology determines female-specific vulnerability to the anxiogenic impact of sleep loss. *Biological Psychiatry* 79 (Suppl.): S1173, 2016.
32. Winer, J.R., Mander, B.A., Lockhart, S.N., Schöll, M., **Saletin, J.M.**, Lu, B., Ancoli-Israel, S., Jagust, W., Walker, M.P. A NREM sleep signature of human In vivo tau burden. Presented at Alzheimer's Association International Conference, Toronto, ON, (Abstract Book): 2016.
33. Mander, B.A., Winer, J.R., Marks, S., Vogel, J., Lu, B., **Saletin, J.M.**, Ancoli-Israel, S., Jagust, W., Walker, M.P. NREM slow wave activity <1Hz as a biomarker and long-term predictor of  $\beta$ -amyloid burden in older adults. Presented at Alzheimer's Association International Conference, Toronto, ON, (Abstract Book): 2016.
34. \* **Saletin, J.M.**, Jackvony, S., Dickstein, D.P., A Functional Homology between ADHD and Acute Sleep Deprivation: Preliminary Results from an ALE Meta-analysis of fMRI-monitored Executive Functioning. *Neuropsychopharmacology* 41 (Suppl.): S259, 2016.
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43. **Saletin, J.M.**, de Queiroz Campos, G., Koopman-Verhoeff, E., Carskadon, M.A., Dickstein, D.P., Sleepy and Disconnected: ADHD symptoms reflect great vulnerability to sleep loss by way of reduced modularity of resting-state brain networks. *Flux Congress 2019*.
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51. **Saletin, J.M.**, McGeary, J., Carskadon, M.A., The Actigpatch: validation of a novel adhesive monitor against PSG and wrist-actigraphy. *Sleep* 44 (Suppl.): A110, 2021.
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54. McCullar, K., Barker, D., McGeary, J., **Saletin, J.**, Gredvig-Ardito, C., Carskadon, M., Pre-sleep breath alcohol concentrations (PSBRAC) and sleep polysomnography (PSG). *Sleep* 45 (Suppl.): A100, 2022.
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59. +++Christiansen, T.G., Mason, G.M., Barker, D.H., Dickstein, D.P., Carskadon, M.A., **Saletin, J.M.**, Impact of ADHD status on vigilant attention following 5 nights of sleep restriction in children: Preliminary Results. International Society for Developmental Psychology, 2022.
60. McCullar K.S., Barker, D.H., McGeary, J.E., **Saletin, J.**, Gredvig-Ardito, C., Carskadon, M.A., Exploring the temporal dynamics of sleep architecture following consecutive nights of pre-sleep alcohol administration using generalized additive models (GAMs), *Advances in Sleep and Circadian Sciences 2023 Meeting*.
61. Ahmadi, M., Krause, A., J., O’Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J.A., **Saletin, J.**, Goldstein-Piekarski, A., Improvements in immediate and delayed memory with insomnia therapy and their associated with SWA in older adults, *Biological Psychiatry* 93(9) (Suppl.), S303, 2023.
62. Buitron, V., Gianukakis, A., Saletin, J.M., Spirito, A., Walters, A., & Parent, J. Sleep disturbance, social functioning, and suicidal ideation among preadolescent children admitted to intensive psychiatric care, *Sleep* 46 (Suppl.), A300, 2023.
63. O’Hora, KP., **Saletin, J.M.**, Kushan-Wells, L., Bearden ,CE., Feasibility of Measuring Sleep Spindles Using a Wearable EEG Headband in Adolescents with Neurodevelopmental Disorders, *Biological Psychiatry* 93(9) (Suppl.), S303-304, 2023.
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66. +++ Christiansen, T.G., Dionisos, V.O., Mason, G.M., Barker, D.H., Dickstein, D.P., Carskadon, M.A., **Saletin, J.M.**, ADHD traits and psychomotor vigilance after 5 nights of experimental sleep restriction in early adolescents: preliminary results, *Sleep* 46 (Suppl.), A80, 2023.
67. +++ Dionisos, V.O., Christiansen, T.G., Mason, G.M., Dickstein, D.P., Carskadon, M.A., **Saletin, J.M.**, Effect of wake extension and short recovery sleep on objective vigilance and subjective sleepiness in young adolescents, *Sleep* 46 (Suppl.), A99, 2023.
68. +++ Mason, G.M., Impact of 5-night sleep restriction on actigraphy-estimated sleep in young adolescents: preliminary associations with ADHD traits, *Sleep* 46 (Suppl.), A100, 2023.
69. +++ Mason, G.M., Dionisos, V.O., Christiansen, T.G., Dickstein, D.P., Carskadon, M.A., **Saletin, J.M.**, Changes in Sleep Architecture and Topography of Sleep EEG Slow Wave Activity Following Wake Extension in Early Adolescence, *Sleep* 46 (Suppl.), A96, 2023.

#### INVITED PRESENTATIONS [UPCOMING]

1. Invited Presentation, TBN, University of Delaware Neuroscience Colloquium, 12/7/23.

#### INVITED PRESENTATIONS [PRIOR]

##### International and National Research Conference Presentations

1. Sleep Research Society Trainee Symposia Lunch Data Blitz, SLEEP 2010, Annual Meeting of the Associated Professional Sleep Societies: “Directing sleep to selectively remember and forget human memories.” Sleep Research Society Trainee Symposia Series, San Antonio, TX, 06/05/2010.
2. Platform Presentation, SLEEP 2010, Annual Meeting of the Associated Professional Sleep Societies: “Directing sleep to selectively remember and forget human memories.” San Antonio, TX, 06/07/2010.

3. Platform Presentation, CNS 2011, Annual Meeting of the Cognitive Neuroscience Society: “Directing sleep to selectively remember and forget human memories.” San Francisco, CA, 04/05/2011.
4. Platform Presentation, SLEEP 2011, Annual Meeting of the Associated Professional Sleep Societies: “The structural brain correlates of human NREM sleep.” Minneapolis, MN., 06/15/2011.
5. Platform Presentation, SLEEP 2012, Annual Meeting of the Associated Professional Sleep Societies: “Structural brain morphology of the human prefrontal cortex predicts inter-individual variability in NREM slow wave homeostasis.” Boston, MA, 06/13/2012.
6. Platform Presentation, SLEEP 2012 Annual Meeting of the Associated Professional Sleep Societies: “Human brain structure predicts vulnerability to sleep deprivation induced hippocampal memory impairments, and their restoration by NREM slow waves.” Boston, MA, 06/12/2012.
7. Symposium Presentation, SLEEP 2014, Annual Meeting of the Associated Professional Sleep Societies: “Structural and functional substrates of sleep,” in “Substrates, mechanisms and development of sleep regulation.” Minneapolis, MN, 06/01/2014.
8. Platform Presentation, SLEEP 2014, Annual Meeting of the Associated Professional Sleep Societies: “Adolescent development governs the restorative influence of sleep-spindles on next-day hippocampal learning ability.” Minneapolis, MN, 06/02/2014.
9. Data Blitz Oral Presentation, SLEEP 2015, Annual Meeting of the Associated Professional Sleep Societies: “Sleep spindle-frequency EEG activity is associated with overnight motor skill improvement in children with attention-deficit-hyperactivity-disorder.” Seattle, WA, 06/06/2015.
10. Platform Presentation, SLEEP 2015, Annual Meeting of the Associated Professional Sleep Societies: “Sleep spindle-frequency EEG activity is associated with overnight motor skill improvement in children with attention-deficit-hyperactivity-disorder.” Seattle, WA, 06/07/2015.
11. Symposium Presentation, Pediatric Sleep Medicine 2015 Scientific Meeting: “Sleep and Learning in ADHD,” in “Influence of Sleep on Learning and Memory in Children.” Amelia Island, FL, 11/14/2015.
12. Young Investigator Platform Presentation, Pediatric Sleep Medicine 2015 Scientific Meeting: “A Developmental Role for REM Sleep in the Neural Processing of Complex Social Emotions.” Amelia Island, FL, 11/15/2015.
13. Sleep Research Society Trainee Symposia Series Presentation, SLEEP 2016, Annual Meeting of the Associated Professional Sleep Societies: “The Development of Sleep-Dependent Learning and Emotional Regulation.” Denver, CO, 06/12/2016.
14. Participant in Invited Lunch Debate, SLEEP 2016, Annual Meeting of the Associated Professional Sleep Societies: “Is Sleep for Remembering or to Prevent Forgetting.” Denver, CO, 06/13/2016.
15. Platform Presentation, SLEEP 2017, Annual Meeting of the Associated Professional Sleep Societies: “Dissociating Circadian and Homeostatic Contributions To Paired-associates Learning In Younger And Older Adolescents Using 28-hour Forced Desynchrony.” Boston, MA, 06/13/2017.
16. Platform Presentation, SLEEP 2017, Annual Meeting of the Associated Professional Sleep Societies: “A Functional Homology Between ADHD and Acute Sleep Deprivation: An ALE Meta-analysis Of fMRI-monitored Executive Function.” Boston, MA, 06/13/2017.
17. Symposium Presentation, Global Education and Skills Forum 2019: “Sleep and Learning,” in “Science of Learning.” Dubai, United Arab Emirates. 03/24/2019.
18. Symposium Presentation, SOBP 2019, Society for Biological Psychiatry: “Sleep and ADHD: Sleepy, Decoupled, and Vulnerable.” Chicago, IL, 05/17/2019.
19. Postgraduate Course Presentation, SLEEP 2019, Annual Meeting of the Associated Professional Sleep Societies: “Cortical Regulation of Performance After Sleep.” San Antonio, TX, 06/09/2019.
20. Symposium Presentation, ESRS 2020, European Sleep Research Society: “Sleep and the ADHD brain in children: Dysregulated, vulnerable, inattentive,” in “Hiding in plain sight: sleep, neurodevelopment and pediatric mental health.” Virtual Zoom Presentation, 09/24/2020.

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21. Workshop Co-Facilitator (with Ashura Buckley, MD), Summit on Adolescent Sleep and School Start Times: “Workshop 5: Bridging the Lab to the Classroom: Cognition, Learning, and Sleep.” Virtual Zoom Presentation, 01/22-23/2021.
22. Data Blitz Oral Presentation, SLEEP 2021, Annual Meeting of the Associated Professional Sleep Societies: “Sleep disturbances, online instruction, and learning during COVID-19: evidence from 4148 adolescents in the NESTED study.” Virtual Presentation, 06/2021.
23. Platform Presentation, SLEEP 2021, Annual Meeting of the Associated Professional Sleep Societies: “Sleep disturbances, online instruction, and learning during COVID-19: evidence from 4148 adolescents in the NESTED study.” Virtual Presentation, 06/2021.
24. Symposium Presentation, SLEEP 2022, Annual Meeting of the Associated Professional Sleep Societies: “Brain-Behavior Correlates of Sleep Restriction in Early Adolescents,” in “Too Little Too Late: Consequences of Sleep Restriction During Development.” Charlotte, NC., 06/05/2022.
25. Workshop Presenter, National Sleep Foundation Adolescent Sleep Health Conference, “Sleep, Sleep Loss, and Adolescent Brains: Learning and ADHD.” Virtual Presentation, 06/22/2022.
26. Workshop Moderator, Sleep Research Society: “No more Actiwatch: What now?,” Virtual Presentation, 12/05/2022.
27. Keynote Presentation: “Sleep, Cognition, and the Developing Brain.”, 2023 Annual Meeting, Fetal Alcohol Syndrome Disorder Study Group, Bellevue, WA, 06/24/2023.

#### Colloquia and Invited Presentations (National and International)

1. Colloquium Presentation, Adelaide Institute for Sleep Health, Repatriation Hospital: “Wired to sleep on it: Neuroanatomy, sleep physiology and memory.” Adelaide, South Australia, Australia, 01/30/2015.
2. Colloquium Presentation, School of Psychology, Social Work and Social Policy, University of South Australia: “Wired to sleep on it: Neuroanatomy, sleep physiology and memory.” Adelaide, South Australia, Australia, 02/03/2015.
3. Colloquium Presentation, Sleep Medicine Seminar, University of Colorado, Boulder: “Wired to sleep on it: Neuroanatomy, sleep physiology and memory.” Presented from Providence, RI, 03/16/2015. *Zoom*.
4. Grand Rounds Presentation, Bench-to-Bedside Grand Rounds, Yale University Child Study Center: “Neurophysiology of sleep-dependent learning in pediatric ADHD.” New Haven, CT, 01/26/2016.
5. Colloquium Presentation, Developmental Colloquium, University of Massachusetts, Amherst: “Sleep, neuroanatomy and brain function: Typical and atypical development.” Amherst, MA, 04/21/2016.
6. Colloquium Presentation, Department of Psychology, Connecticut College: “The Role of Sleep in Cognitive and Emotional Brain Function During Adolescence.” New London, CT, 10/10/2016.
7. Young Investigator Presentation, Mary A. Carskadon Sleep & Circadian Rhythms Summer Research Fellowship Retreat, University of Colorado, Boulder: “Sleep and the ADHD Brain: Cognitive Neuroscience in Translation.” Estes Park, CO, 08/20/2017.
8. Colloquium Presentation, Center for Healthy Behavior Change, New York University Langone Health: “Sleep and the ADHD Brain: Cognitive Neuroscience in Translation.” New York, NY, 05/01/2018.
9. Colloquium Presentation, Building Blocks of Cognition Lab Meeting, University of California, Berkeley: “Sleep and the ADHD Brain.” Berkeley, CA, 7/27/2018.
10. Young Scholar Presentation, Jacobs Foundation Young Scholars Alumni Meeting: “Sleep, Learning, and ADHD.” Marbach Castle, Germany, 8/28/2018.
11. Colloquium Presentation, Institute for Pharmacology and Toxicology, University of Zurich: “Sleep and ADHD: Insights from Cognitive Neuroscience.” Zurich, Switzerland, 9/3/2018.
12. Colloquium Presentation, Center for Sleep and Cognition + Sleep, Congition Neuropsychiatry (SCAN), Harvard Medical School: “Sleep and ADHD: Sleepy, Decoupled, and Vulnerable.” Boston, MA, 06/20/2019.

13. Colloquium Presentation, Center for Sleep & Cognition, Harvard Medical School: “Stickgold ANNEX: Work-in progress: Year 1 of R01HD103665.” Round-table colloquium presentation, *Zoom*, 09/07/2022.
14. Colloquium Presentation, Sleep Grand Rounds, Harvard Medicine School, Division of Sleep Medicine: “Effects of Sleep and Sleep Loss on Learning and Cognition in Early Adolescents: Insights into ADHD.” *Zoom*, 02/06/2023.
15. Colloquium Presentation, Sleep Symposium: Sleep Across the Lifespan, Implications for Health and Treatment Consideration, Columbia Medicine, Center for Sleep Excellence, “Sleep, Sleep Loss, and the Adolescent Brain: Implications for Learning and ADHD.” *Zoom*, 03/17/2023.
16. “Navigating the (Bumpy) Path to Early Career Awards.” [Assigned topic], 2023 AASM Young Investigator Research Forum. Bethesda, MD, 04/27/2023.

#### Colloquia and Invited Presentations (Local)

1. Trainee Data Presentation, William C. Dement Sleep and Chronobiology Behavioral Science Research Apprenticeship Retreat Colloquium, Brown University: “Ethnic disparities in actigraphic and polysomnographic sleep in healthy, self-reported good sleepers.” Exeter, RI, 08/18/2008.
2. Colloquium Presentation, Social Ontogeny Group, Department of Philosophy, University of California, Berkeley: “Cognitive correlates of the sleeping brain.” Berkeley, CA, 10/01/2010.
3. Colloquium Presentation, Brain Imaging Center, University of California, Berkeley: “Directing sleep to selectively remember and forget human Memories.” Berkeley, CA, 12/10/2010.
4. Colloquium Presentation, Social Ontogeny Group, Department of Philosophy, University of California, Berkeley: “The sleeping brain: built for cognition.” Berkeley, CA, 02/01/2012.
5. Colloquium Presentation, Social Ontogeny Group, Department of Philosophy, University of California, Berkeley: “Wired to sleep on it” Berkeley, CA, 03/12/2014.
6. PhD Thesis Exit Talk, Department of Psychology, University of California, Berkeley: “Wired to sleep on it: neuroanatomy, sleep physiology and memory.” Berkeley, CA, 05/16/2014.
7. Young Investigator Presentation, William C. Dement Sleep and Chronobiology Behavioral Science Research Apprenticeship Retreat Colloquium, Brown University: “Sleep, Brain Structure & Function: Windows into Cognitive & Emotional Development.” Providence, RI, 08/18/2016.
8. Colloquium Presentation, Providence Sleep Research Interest Group, Brown University: “Sleep and ADHD: Cognitive Neuroscience in Translation.” Providence, RI, 12/12/2017.
9. Colloquium Presentation, Advance Clinical Translational Research Seminar Series, “Examining the Role of Chrononutrition in Behavioral Weight Control for Adolescents.” Providence, RI, 05/14/2020. *Zoom*.

#### Community Presentations and Outreach

1. Presentation to high school science students, The Wheeler School Biomedical Club: “Dreaming of science.” Providence, RI, 10/19/2010.
2. Presentation to parents, Redwood High School PTSA: “Sleep in teens: A wake-up call.” Larkspur, CA, 11/01/2012.
3. Presentation to parents, Tamalpais High School PTSA: “Sleep in teens: A wake-up call.” Mill Valley, CA, 11/07/2012.
4. Presentation to high school students, Redwood High School: “Sleep in teens.” Larkspur, CA, 05/08/2013.
5. Presentation to parents, Kentfield Schools PTA: “Sleep: recharging the brain’s learning capacity.” Kentfield, CA, 09/26/2013.
6. Presentation to community, Employee Assistance Professionals Association of San Francisco: “Sleep in adolescence: The good, the bad and the ugly.” San Francisco, CA, 03/11/2014.
7. Presentation to high school students, Xaverian Brothers High School: “Sleep in adolescence: The good, the bad, and the ugly.” Westwood MA, 02/04/2016.

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8. Presentation to RI Chapter of CHADD: "Sleep and ADHD." East Providence, RI, 10/4/2017.
9. Presentation to middle school students, Paul Cuffee School: "Sleep: The good, the bad, and the ugly." Providence, RI, 11/15/2017.
10. Presentation to elementary school parents, The Croft School: "Sleep, Schools, ADHD, and Learning." Providence, RI, 10/10/2019.

#### GRANTS (Bold indicates PI or Project Leader)

*\*\* Planned grants not yet completed or submitted are delineated in the appendix \*\**

#### Current

1. 1 R01 HL147914: "Eating-related self-regulation and its neural substrates as mechanisms underlying the sleep/eating behavior association in children with overweight/obesity: An ecological momentary assessment study." PI: Goldschmidt, A.  
Total subcontract costs: \$100,522. Dates of Project: 07/15/2019 - 06/30/2024. Role: Co-I. (**PI** of Bradley Hospital Subcontract)
2. 1 R61 MH120245: "A Novel Use of a Sleep Intervention to Target the Emotion Regulation Brain Network and Treat Depression and Anxiety." PI: Goldstein-Piekarski, A.N.  
Total subcontract direct costs: \$33,170. Dates of Project: 12/01/2020 — 11/30/2021. Role: Co-I. (**PI** of Bradley Hospital Subcontract)
3. 1 R01 MH124832: "Dynamic impacts of sleep disruption on ecologically assessed affective, behavioral, and cognitive risk factors for suicide." PIs: Bozzay, M., Armev, M.  
Total subcontract direct costs: \$20,374. Dates of Project: 12/01/2020 - 11/30/2024. Role: Co-I. (**PI** of Bradley Hospital Subcontract)
4. **1 R01 HD103655-01A1**: "Brain-behavior vulnerability to sleep loss in children: a dimensional study of attention and impulsivity." PI: Saletin, J.M.  
Total Costs: \$2,725,752 Dates of Project: 08/12/2021 - 05/31/25. **Role: PI.**
5. **Brown COBRE Center for Nervous System Function Pilot Project**: "Pilot study of sleep-dependent memory and brain structure in adolescents with a family history of Alzheimer's Disease and APOE-ε4 positivity." COBRE PI: Sanes, J.. Project Leader: Saletin, J.M.  
Total Costs: \$99984.87 Dates of Project: 09/01/2022 - 08/31/2023.  
**Role: Pilot Project Leader**
6. 1 R01 MH128248 "Ecological Assessment of Proximal Risk Factors for Suicide During Care Transitions." PIs: Hughes, Armev & Schatten.  
Total subcontract direct costs: *Spending*.  
*Role: Co-I. (PI of Bradley Hospital Subcontract). Awarded to PI; subcontract pending.*
7. **Zimmerman Innovation Award in Brain Science**: "Sleep-dependent memory and brain structure in adolescents with a family history of Alzheimer's Disease and APOE-ε4 positivity: Early detection of cognitive risk?" PIs: Saletin, J.M. & Carskadon, M.A.  
Total direct costs: \$130,000.  
**Role: Co-PI.**

#### Pending

1. R01 to NIMH: "Neurodevelopment and Psychosis in the 22q11.2 Deletion Syndrome." PI: Bearden, C.E.  
Role: Co-I (**PI** of Bradley Hospital Subcontract). *5th %tile; JIT requested in Feb 2023. Currently listed as PENDING.*

#### Under review

1. R01 to NIMH: “Social media use, sleep, and suicidality in adolescents”. PI: Nugent, N.  
Role: Co-I (**PI** of Bradley Hospital Subcontract).

### Complete

1. **Johns Hopkins Second Decade Society Summer Internship Grant.**  
Total Direct Costs: \$5,000. Dates of Project: 06/01/2007 - 09/01/2007. **Role: Undergraduate Fellow.**
2. **NSF Graduate Research Fellowship: “Sleep to remember, sleep to forget: A symbiotic hypothesis,”**  
Total Direct Costs: \$135,000. Dates of Project: 09/01/2009 - 08/31/2012. **Role: Graduate Fellow.**
3. **Jacobs Foundation Young Scholar Research Grant:** “The Impact of Sleep and Sleep Loss on Memory Encoding in Adolescents,” PI: Saletin, JM.  
Total Direct Costs: \$40,000. Dates of Project: 10/10/2012 - 04/01/2014. **Role: PI.**
4. T32MH019927: “Research Training in Child Mental Health,” PI: Spirito, A.  
Dates of fellowship: 07/01/2014 - 10/01/2016. Role: Postdoctoral fellow.
5. **1 K01 MH109854:** “The interaction of brain structure and sleep neurophysiology in regulating the neural substrates of inattention symptoms in pediatric ADHD.” PI: Saletin, JM.  
Total Direct Costs: \$631,143. Dates of Project: 09/14/2016 - 01/30/2020. **Role: PI.**
6. **1 U54 GM115677:** Advance-CTR Pilot Projects Program: “Examining the role of chrononutrition in behavioral weight control for adolescents.” PIs: Evans, W.E., Saletin, J.M.  
Dates of Project: 11/5/2019 – 03/31/2020. Total direct costs to M-PI Saletin: \$25,024. Role: **M-PI.**
7. **1 P20 GM139743:** “COBRE Center for Sleep and Circadian Rhythms in Child and Adolescent Mental Health.” PI: Carskadon, M.A.  
**Role: Project Leader.** *Project leader term ended Aug. 2021 with funding of 1R01HD103665-A1.*
8. **Rhode Island Foundation Medical Research Funds:** “Tracking real-world sleep to predict brain maturation in a school-sample of ADHD.” PI: Saletin, JM.  
Total Direct Costs: \$25,000. Dates of Project: 04/01/2017 - 11/30/2021. **Role: PI.**
9. **Jacobs Foundation Young Scholar Supplement:** “Neuroimaging of sleep-dependent learning in children: Scaling beyond a single night to emulate a traditional school-week.” PI: Saletin, JM.  
Total Direct Costs: CHF 10,000. Dates of Project: 02/01/2019 - 11/30/21. **Role: PI.**

### POSTGRADUATE TEACHING ROLES

- 2018 – Clinical Psychology Postdoctoral Training Consortium Didactics: “Grantsmanship: Non-Federal/ Non-NIH Funding.” Brown University.

### UNDERGRADUATE TEACHING ROLES

#### Instructor of Record

- 2016 CEBN 0920: The Mysteries of Sleep: What Goes Bump in the Night? Brown University, Summer@Brown Pre-College Program, 13 Students, 42-hours.  
Overall Instructor Rating: 1.00/5 (1 = Best)

#### Guest Lectures

- 2008 COGSCI 1: Introduction to Cognitive Science: “Sleep, consciousness and cognition.”  
University of California, Berkeley.
- 2011 UC Berkeley-UCSF Joint Medical Program: “Cognitive neuroscience of sleep.”  
University of California, Berkeley.

Revised 10/31/2023

- 2011 PSYCH 133: The Psychology of Sleep [Summer Session]: “Sleep and learning and memory.”  
University of California, Berkeley.
- 2011 – 2012 PSYCH H194A: Honors Seminar Workshop on Scientific Presentations.  
University of California, Berkeley.
- 2012 PSYCH 125: The Developing Brain: “What does the science of sleep tells us about school start times?”  
University of California, Berkeley.
- 2013 PSYCH 2: Introduction to Psychology: “Sleep, What is it good for?”  
University of California, Berkeley.
- 2014 PUBPOL 270: Kid-First Policy: Family, School, and Community: “Adolescent Brain Development.”  
University of California, Berkeley.
- 2014 CLPS 0120: Introduction to Sleep, Brown University:  
“Neuroanatomy of Sleep and Wakefulness I: NREM Sleep”;  
“Neuroanatomy of Sleep and Wakefulness II: REM sleep”.
- 2014 – 2019, 2021 CLPS 0120: Introduction to Sleep: “Sleep, Learning, and Memory.” Brown University
- 2015, 2016 BEHL 3029: Psychophysiology of Sleep and Dreams: “Sleep, Learning, and Memory.”  
University of South Australia.
- 2017 CLPS 0040: Mind and Brain: Introduction to Cognitive Neuroscience: “Sleep-Dependent Brain Function: Insights From Development.” Brown University.

#### Team Teaching

- 2017 – CLPS1194: Sleep and Chronobiology Research Summer Apprenticeship Program. Brown University  
Six lectures: “Introduction to Presentations I-VI”  
Role: Taught and mentored 12 undergraduate students on presentation skills

#### Teaching Assistant / Discussion Leader

- 2008 COGSCI 1: Introduction to Cognitive Science, University of California, Berkeley.  
Teaching Effectiveness Rating: 6.00/7 (7 = Best).
- 2009 PSYCH 1: Introduction to Psychology, University of California, Berkeley.  
Teaching Effectiveness Rating: 6.23/7 (7 = Best).
- 2011 PSYCH 133: The Psychology of Sleep, University of California, Berkeley.  
Teaching Effectiveness Rating: 6.69/7 (7 = Best).
- 2012 PSYCH 125: The Developing Brain, University of California, Berkeley.  
Teaching Effectiveness Rating: 5.86/7 (7 = Best).
- 2013 PSYCH 133: The Psychology of Sleep, University of California, Berkeley.  
Teaching Effectiveness Rating: 6.93/7 (7 = Best).  
Recipient: *Outstanding Graduate Student Instructor Award*.
- 2014 CLPS 0120: Introduction to Sleep, Brown University.

#### PROFESSIONAL DEVELOPMENT

- 2021 Advance-CTR Mentoring Training Program

Description [from program]: *The Advance-CTR Mentoring Training Program is a 9-hour, peer-driven program that provides faculty mentors with skills and techniques to enhance communication with their mentees and improve outcomes for professional development and success. The training is based on a nationally recognized, evidence-based curriculum from the National Research Mentoring Network (NRMN) and Center for Improvement of Mentored Experiences in Research (CIMER)...*

## MENTORING AND SUPERVISION

### Pre/Postdoctoral Mentoring Faculty Roles

- 2021 – Brown University Psychiatry Child Mental Health T32 Postdoctoral Training Program (PI: Spirito, A.)
- 2022 – Brown University Psychiatry Child Track Predoctoral Psychology Internship (Director: Wolff, J.)
- 2022 – Brown University Psychiatry Pediatric and Juvenile Justice Track Predoctoral Psychology Internship (Director: Houck, C.)
- 2023 – 1 R25 MH125769: “Promoting Child and Adolescent Research During Training” (Director/PI: Brown, L.)

### E.P. Bradley Hospital COBRE Center for Sleep and Circadian Rhythms in Child and Adolescent Health

- 2022 Petya Radoeva, MD (Mentor on Research Pilot Project)

### Postdoctoral Fellows

- 2022 - Gina M. Mason, PhD (Primary Mentor, Brown University DPHB)

### Psychology Interns

- 2023 - Lindsay Stager, MA (Research Mentor, Brown Pediatric/Juvenile Justice Track Clinical Psychology Internship Program)

### Thesis Reviewer

- 2019 Carina Volk; External Referee for Doctoral Thesis (*Dr. sc. nat*)  
University of Zurich. Committee Chair: Reto Huber, PhD

### Graduate [\* indicates planned or current formal service on thesis committee]

- 2019 - 2020 Elize Verhoeff (Fulbright visiting research scholar; serving as research mentor/sponsor)
- 2019 - 2020 \* Gabriela De Queiroz Campos (Master’s Student; Brown University CLPS)
- 2021 - \* Katie McCullar (PhD Student; Brown University Neuroscience)
- 2022 - \* Kathleen O’Hora (PhD Student in Neuroscience Interdepartmental Program at UCLA; mentor on Autism Speaks Predoctoral Fellowship Program)

### Medical Student Research

- 2017 Jessica Haddad

Revised 10/31/2023

Post-baccalaureate Full-time Research Assistants

2021 - 2023 Taylor Christiansen [*Honorable Mention DPHB RA Research Day*]  
2022 - Victoria Dionisos  
2023 - Sinéad Moyles

Undergraduate

2017 - 2019 Gabriela De Queiroz Campos (Mentor: Brown Undergraduate Research Teaching Award (UTRA) Honors Thesis)  
2018 Logan Cho (Brown University)  
2021 Natalie Chernysh (Brown University)  
2023 Mehak Malhotra (Mentor: Brown Undergraduate Research Training Award (UTRA))

High School

2018 Madison Kindred (11th grade student at New Palestine High School, mentored as part of Northwestern Kellogg School of Management “Sidekick” mentorship pairing students and experts)  
2019 - 2020 Ashrita Iyengar (The Wheeler School, Providence, RI, 02906).

OTHER TEACHING ROLES

Workshop Leader

2015 Centre for Sleep Research 2-Week Sleep Scoring Workshop, University of South Australia.

High-School Instruction

2016 “The Science of Sleep,” The Wheeler School, Providence, RI, 30-hours.

APPENDIX: PLANNED PRODUCTS NOT YET IN DRAFT

*these items indicate planned works in early stages*

Manuscripts

1. Mason, G.M.\*, Saletin, J.M.\*, [...], Dickstein, D.P., Carskadon, M.A., Acute sleep loss, topographic NREM slow wave activity, and ADHD status in early adolescents. *Working title.*

*\* First author shared between Drs. Mason and Saletin.*

*Final author list TBD.*

2. Saletin, J.M., de Queiroz Campos, G., [...], Dickstein, D.P., Carskadon, M.A., Naturalistic Sleep Patterns Across 12 Weeks Reflect ADHD Symptomatology in Children. *Working title.*

*Final author list TBD.*

Grant proposals

1. K01: Neural responsiveness and dyadic orientation to infant behavior: role of sleep loss and mental health in new parents

PI: Gina Mason, PhD

Role: Primary Mentor

Planned submission date: June 2023.

2. R01: Alzheimer's Disease Risk and Sleep-Dependent Memory in Adolescents

PIs: Saletin, J.M., and Carskadon, M.A., Oh, Hwamee.

Role: Co-PI / PI of contact

Planned submission date: Spring/Summer 2023.

3. R01: Circadian rhythm influences on neural mechanisms of pain perception.

PIs: Carskadon, M.A., Saletin, J.M., Smith, M.T.

Role: Co-PI

Planned submission date: Spring/Summer 2023.

4. R01: Circadian rhythms of sleep and memory.

PIs: Saletin, J.M., and Carskadon

Role: Co-PI

Planned submission date: Fall/Winter 2023.