

CURRICULUM VITAE
JARED M. SALETIN, PH.D.

Business or Mailing Address: Sleep for Science Research Laboratory of Brown University
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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

POSTGRADUATE HONORS AND AWARDS

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.

Invited Chair Gordon Research Seminar on Sleep and Brain Function, 03/12-13/2016.

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

UNIVERSITY COMMITTEES

2017 - Brown University Fulbright Fellowship Review Committee.

HOSPITAL COMMITTEES

2014 - Providence Sleep Research Interest Group (PSRIG), E.P. Bradley Hospital.

Revised 6/12/2018

2014 - William C. Dement Summer Apprenticeship Admissions Committee, E.P. Bradley Hospital.

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.

Honors:

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

Other service:

Mentor SRS Sleep Meeting Trainee Mentorship Program: 2017.

Cognitive Neuroscience Society (since 2006)

Honors:

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

PROFESSIONAL SERVICE (OTHER)

Grant Reviewer

Ad hoc Deutsche Forschungsgemeinschaft (German Research Foundation); Wellcome Trust
Reviewer

Journal Service

Ad hoc Cerebral Cortex; PLOS ONE; Canadian Journal of Experimental Psychology; Behavioral
Reviewer 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.

2018 Guest Editor, Research in Developmental Disorders Special Issue: “Sleep in Developmental
Disorders” (with Jamie Edgin, PhD)

ORIGINAL PEER-REVIEWED PUBLICATIONS

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. β -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. 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*, 2017. doi: 10.1017/S0033291717001581. PMID: 28625231.
13. 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. doi: 10.1523/JNEUROSCI.3033-16.2017. PMID: 29084867.
14. 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*. doi: 10.1162/jocn_a_01225. PMID: 2944642.
15. **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.

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.

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.

PUBLICATIONS SUBMITTED OR IN DRAFT

1. **Saletin, J.M.**, Jackvony, S., Rodriguez, K.A., Dickstein, D.P., "A Functional Homology Between ADHD and Acute Sleep Deprivation: An ALE Meta-analysis Of fMRI-monitored Executive Function." Submitted to *SLEEP* on 05/08/2018.
2. 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. Submitted to *Journal of Affective Disorders* on 06/06/2018.
3. 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. Submitted to *Journal of Sleep Research* on 06/15/2018.
4. **Saletin, J.M.**, Mander, B.A., Greer, S.M., Krause, A., Harvey, A.G., Dahl, R.E., Walker, M.P., "Influence of NREM sleep spindles on next-day hippocampus function during middle adolescence depends on age." In draft.

ABSTRACTS

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 β -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 β -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 β -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.
35. **Saletin, J.M.**, Bartz, A., Van Reen, E., Stark, C.E., Carskadon, M.A., Circadian phase affects sleep-dependent consolidation of hippocampal memory: Preliminary results from 28-hour forced desynchrony in early adolescents. Presented at Royal Society Meeting: The offline brain: understanding memory consolidation and reconsolidation, (*Invited International Meeting*; Abstract book): 2017.
36. **Saletin, J.M.**, Bartz, A., Wu, L., Acebo, C., Seifer, R., Carskadon, M.A., Dissociating Circadian and Homeostatic Contributions To Paired-associates Learning In Younger And Older Adolescents Using 28-hour Forced Desynchrony. *Sleep* 40 (Suppl.): A13-A14, 2017.
37. **Saletin, J.M.**, Rodriguez, K.A., Jackvony, S., Dickstein, D.P., A Functional Homology Between ADHD and Acute Sleep Deprivation: An ALE Meta-analysis Of fMRI-monitored Executive Function. *Sleep* 40 (Suppl.): A415, 2017.
38. Hilditch, C.J., **Saletin, J.M.**, Dement, W.C., Carskadon, M.A., Objective and subjective sleepiness following daytime naps under conditions of chronic sleep restriction. *Sleep* 40 (Suppl.): A74, 2017.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

Non-Peer Reviewed

1. **Saletin, J.M.**, Sleep Research Society Bulletin, Spring 2014.
2. **Saletin, J.M.**, "Networking, Connecting, and Finding New Mentors", Sleep Research Society Bulletin, Fall 2013.
3. **Saletin, J.M.**, "Message Received: E-Mail Etiquette in Academics and Professional Communication", Sleep Research Society Bulletin, Spring 2012.

4. 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://sleepsmg.sourceforge.net>.

INVITED PRESENTATIONS

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.

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 remotely from Providence, RI, 03/16/2015.
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. Carsakdon 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.

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.

Revised 6/12/2018

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.
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.

GRANTS

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 Program: "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," Total Direct Costs: \$40,000. Dates of Project: 10/10/2012 - 04/01/2014. Role: PI.

Pending

Current

1. K01MH109854: "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 - 08/31/2020. Role: PI.
2. 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 - 03/31/2018. Role: PI.

UNIVERSITY 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.

Revised 6/12/2018

- 2011 UC Berkeley-UCSF Joint Medical Program: “Cognitive neuroscience of sleep.”
University of California, Berkeley.
- 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 – 2017 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).
- 2014 CLPS 0120: Introduction to Sleep, Brown University.

Revised 6/12/2018

MENTORING

Medical Student Research

2017 - Jessica Haddad

Undergraduate

2017 - Gabriela De Queiroz Campos (Brown University Undergraduate Research Teaching 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)

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.

SPECIALIZED TRAINING

2018 4-day comprehensive FreeSurfer course, Martinos Center for Biomedical Imaging, Boston, MA.