

CURRICULUM VITAE
LAWRENCE H. SWEET

Department of Psychology
University of Georgia
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EDUCATION

- B.A. University of Minnesota, Twin Cities, Minneapolis, MN: German Studies, 1992
- B.A. University of Minnesota, Twin Cities, Minneapolis, MN: Honors Psychology, 1992
- M.S. Rosalind Franklin University of Medicine and Science, North Chicago, IL: Clinical Psychology (Neuropsychology), 1997
- Ph.D. Rosalind Franklin University of Medicine and Science, North Chicago, IL: Clinical Psychology (Neuropsychology), 2001

POSTGRADUATE TRAINING

- Internship Brown University Clinical Psychology Training Consortium, Providence, RI: Clinical Neuropsychology, 2000-2001
- Fellowship Brown University Clinical Psychology Training Consortium, Providence, RI: Clinical Neuropsychology, 2001-2003

POSTGRADUATE HONORS AND AWARDS

- 2019 Richard L. Marsh Mentoring Award, Department of Psychology, University of Georgia
- 2019 Research Mentor Award, Clinical Psychology Program, Department of Psychology, University of Georgia
- 2011 Psychiatry Research Mentor Award, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University
- 2008 Psychology Research Mentor Award, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University
- 2004 NIH Loan Repayment Program for Clinical Research
- 2001 Individual NIH National Research Service Award

ACADEMIC APPOINTMENTS

- 2019-present Mentor, Translational Education and Mentoring in Science Program, Georgia Clinical and Translational Science Alliance
- 2012-present Gary R. Sperduto Professor in Clinical Psychology, Department of Psychology, Franklin College of Arts and Sciences, University of Georgia, Athens GA

Clinical Psychology Program Faculty
Behavioral and Brain Sciences Program Faculty
Interdisciplinary Neurosciences Program Faculty
Owens Institute of Behavioral Research Fellow
Graduate School Faculty

2012-present Adjunct Professor, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University, Providence, RI
2010-2012 Associate Professor (Research), Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University, Providence, RI
2003-2010 Assistant Professor (Research), Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University, Providence, RI

HOSPITAL APPOINTMENTS

2010-2012 Founding Director, Butler Hospital Neuroimaging Center, Providence, RI
2005-2012 Research Psychologist, Butler Hospital, Providence, RI
2003-2005 Psychologist, Miriam Hospital, Providence, RI
2001-2003 Postdoctoral Fellow, Miriam Hospital, Providence, RI
1998-2000 Behavior Therapist, Rogers Memorial Hospital, Oconomowoc, WI

OTHER APPOINTMENTS

2016-2019 Chair, Data and Safety Monitoring Board, R21AG050898, PI Haley
2010-present National Institute of Health Grant Review Panel Service
06/06/2019: Chair, NCI Program Project IV (P01; ZCA1 SRB-5 O1 S)
03/07/2019: Fellowships, Behavioral Neuroscience (ZRG1 F02A-K 20 L)
02/07/2019: Interventions to Prevent and Treat Addictions (IPTA)
11/30/2018: Risk, Prevention and Health Behavior (ZRG1 RPHB-R 56)
10/22/2018: Adult Psychopathology and Disorders of Aging (APDA)
09/24/2018: NCI Program Project III (P01; ZCA1 RPRB-J J1 P)
02/16/2018: Chair, Brain Disorders Clinical Neuroscience (ZRG1 BDCN-J 2)
02/12/2018: Adult Psychopathology and Disorders of Aging (APDA)
10/23/2017: Addiction Risk and Mechanisms (ARM)
07/10/2017: Brain Disorders and Clinical Neuroscience (ZRG1 BDCN-J 2)
06/08/2017: NCI Program Project II (P01; ZCA1 RPRB-6 O1)
11/04/2016: Population Sciences and Epidemiology (ZRG1 PSE-W 55)
06/23/2016: Fellowships, Behavioral Neuroscience (ZRG1 F02A-K 20)
03/17/2016: Fellowships, Behavioral Neuroscience (ZRG1 F02A-J 20)
03/02/2016: Population Sciences and Epidemiology (ZRG1 PSE-W 55)
03/02/2016: Population Sciences and Epidemiology (ZRG1 PSE-P 07)
03/12/2015: Fellowships, Behavioral Neuroscience (ZRG1 F02A-J 20)

11/06/2014: Fellowships, Behavioral Neuroscience (ZRG1 F02A-J 20)
03/08/2011: Brain Disorders and Clinical Neuroscience (ZRG1 BDCN-W 02)
08/17/2010: Brain Disorders and Clinical Neuroscience (ZRG1 BDCN-N 04)

2007 Reviewer, National Science Foundation Cognitive Neuroscience Program
2006, 2007, 2008 Reviewer, National Institute on Drug Abuse Special Emphasis Panel ZDA1

HOSPITAL COMMITTEES

2007-2012 Member, Butler Hospital Institutional Review Board

UNIVERSITY COMMITTEES

2019-present Franklin College Promotion and Tenure Committee, Franklin College of Arts and Sciences, University of Georgia
2018-present University of Georgia Institutional Review Board (Alternate)
2014-present University of Georgia Building Safety & Security Representative, Psychology
2013-2017 University of Georgia Behavioral and Brain Sciences Program Committees
2015-2017 Personnel Committee
2013-2017 Personnel Advisory Committee (I-O Chair 2015-2017)
2012-present University of Georgia Clinical Psychology Program Committees
2012-14, 16-19 Admissions
2012-present Comprehensive Exam
2012-present Financial Aid
2013 Faculty Search
2009-2012 Education, Safety, and Training Committee, Brown University Magnetic Resonance Imaging Research Facilities (Brown Institute for Brain Science)
2006-2012 Training Committee, Brown University Clinical Psychology Training Consortium
2011-2012 Technology Subcommittee
2008-2011 Neuropsychology Track Coordinator
2006-2012 Neuropsychology Fellowship Coordinator
2000-2001 Resident Admissions Representative

MEMBERSHIPS

American Psychological Association, Member
International Neuropsychological Society, Regular Member
Organization for Human Brain Mapping, Full Member

PUBLICATION LIST

PEER-REVIEWED JOURNALS (* indicates formal mentorship during the research)

1. Morris VL, *Owens MM, Syan SK, Petker TD, Sweet LH, *Oshri A, MacKillop J, Amlung M. Associations Between Drinking and Cortical Thickness in Younger Adult Drinkers: Findings

- From the Human Connectome Project. *Alcohol Clin Exp Res*. 2019 Jul 31. doi: 10.1111/acer.14147.
2. *Duda, BM, *Owens, MM, *Hallowell, ES, Sweet LH. Neurocompensatory Effects of the Default Network in Older Adults. *Front Aging Neurosci*. 2019 Jun 4;11:111. doi: 10.3389/fnagi.2019.00111. eCollection 2019.
 3. *Oshri A, *Hallowell E, Liu S, MacKillop J, Galvan A, Kogan SM, Sweet LH. Socioeconomic hardship and delayed reward discounting: Associations with working memory and emotional reactivity. *Dev Cogn Neurosci*. 2019 Jun;37:100642. doi:10.1016/j.dcn.2019.100642. Epub 2019 Apr 4.
 4. Petker T, *Owens MM, Amlung MT, *Oshri A, Sweet LH, MacKillop J. Cannabis involvement and neuropsychological performance: findings from the Human Connectome Project. *J Psychiatry Neurosci*. 2019 Jun 27;44(5):1-9. [Epub ahead of print]
 5. *Owens MM, Hyatt CS, Gray JC, Carter NT, MacKillop J, Miller JD, Sweet LH. Cortical morphometry of the five-factor model of personality: findings from the Human Connectome Project full sample. *Soc Cogn Affect Neurosci*. 2019 May 17;14(4):381-395. doi: 10.1093/scan/nsz017.
 6. Nusslock R, Brody GH, Armstrong CC, Carroll AL, Sweet LH, Yu T, Barton AW, *Hallowell ES, Chen E, Higgins JP, Parrish TB, Wang L, Miller GE. Higher Peripheral Inflammatory Signaling Associated With Lower Resting-State Functional Brain Connectivity in Emotion Regulation and Central Executive Networks. *Biol Psychiatry*. 2019 Apr 30. pii: S0006-3223(19)31118-7. doi:10.1016/j.biopsych.2019.03.968.
 7. *Duda BM, Sweet LH. Functional brain changes associated with cognitive training in healthy older adults: A preliminary ALE meta-analysis. *Brain Imaging Behav*. 2019 Mar 21. doi: 10.1007/s11682-019-00080-0. [Epub ahead of print]
 8. *Oshri A, Gray JC, *Owens MM, Liu S, Duprey EB, Sweet LH, MacKillop J. Adverse Childhood Experiences and Amygdalar Reduction: High-Resolution Segmentation Reveals Associations With Subnuclei and Psychiatric Outcomes. *Child Maltreat*. 2019 Apr 28;1077559519839491. doi: 10.1177/1077559519839491. [Epub ahead of print]
 9. *Hallowell ES, *Oshri A, *Liebel SW, Liu S, *Duda B, *Clark US, Sweet LH. The Mediating Role of Neural Activity on the Relationship Between Childhood Maltreatment and Impulsivity. *Child Maltreat*. 2019 Mar 27;1077559519835975. doi:10.1177/1077559519835975. [Epub ahead of print]
 10. Brody GH, Yu T, Nusslock R, Barton AW, Miller GE, Chen E, Holmes C, McCormick M, Sweet LH. The Protective Effects of Supportive Parenting on the Relationship Between Adolescent Poverty and Resting-State Functional Brain Connectivity During Adulthood. *Psychol Sci*. 2019 May 14;956797619847989. doi:10.1177/0956797619847989. [Epub ahead of print]
 11. *Owens MM, *McNally S, Petker T, Amlung MT, Balodis IM, Sweet LH, MacKillop J. Urinary tetrahydrocannabinol is associated with poorer working memory performance and alterations in associated brain activity. *Neuropsychopharmacology*. 2019 Feb;44(3):613-619. doi: 10.1038/s41386-018-0240-4. Epub 2018 Oct 10.
 12. *Owens MM, Syan SK, Amlung M, Beach SRH, Sweet LH, MacKillop J. Functional and structural neuroimaging studies of delayed reward discounting in addiction: A systematic review. *Psychol Bull*. 2019 Feb;145(2):141-164. doi: 10.1037/bul0000181.

13. Hyatt CS, *Owens MM, Gray JC, Carter NT, MacKillop J, Sweet LH, Miller JD. Personality traits share overlapping neuroanatomical correlates with internalizing and externalizing psychopathology. *J Abnorm Psychol.* 2019 Jan;128(1):1-11. doi: 10.1037/abn0000391. Epub 2018 Dec 27.
14. *Jones EC, *Liebel SW, *Hallowell ES, Sweet LH. Insula thickness asymmetry relates to risk of major depressive disorder in middle-aged to older adults. *Psychiatry Res Neuroimaging.* 2018 Dec 22. pii: S0925-4927(18)30179-3. doi: 10.1016/j.psychresns.2018.12.011. [Epub ahead of print]
15. *Holmes C, *Owens M, Beach SRH, McCormick M, Hallowell E, Clark US, Barton AW, Brody GH, MacKillop J, Sweet LH. Peer influence, Frontostriatal connectivity, and delay discounting in African American emerging adults. *Brain Imaging Behav.* 2018 Oct 30. doi: 10.1007/s11682-018-9977-y. [Epub ahead of print]
16. Hanson JL, Gillmore AD, Yu T, *Holmes CJ, *Hallowell ES, Barton AW, Beach SRH, Galván A, MacKillop J, Windle M, Chen E, Miller GE, Sweet LH, Brody GH. A Family Focused Intervention Influences Hippocampal-Prefrontal Connectivity Through Gains in Self-Regulation. *Child Dev.* 2018 Oct 8. doi: 10.1111/cdev.13154. [Epub ahead of print]
17. *Holmes CJ, Barton AW, MacKillop J, Galván A, *Owens MM, McCormick MJ, Yu T, Beach SRH, Brody GH, Sweet LH. Parenting and Salience Network Connectivity Among African Americans: A Protective Pathway for Health-Risk Behaviors. *Biol Psychiatry.* 2018 Sep 1;84(5):365-371. doi: 10.1016/j.biopsych.2018.03.003. Epub 2018 Mar 20.
18. *Owens MM, *Duda B, Sweet LH, MacKillop J. Distinct functional and structural neural underpinnings of working memory. *Neuroimage.* 2018 Jul 1;174:463-471. doi: 10.1016/j.neuroimage.2018.03.022. Epub 2018 Mar 15.
19. Windle M, Gray JC, Lei KM, Barton AW, Brody G, Beach SRH, Galván A, MacKillop J, Clark US, Sweet LH. Age sensitive associations of adolescent substance use with amygdalar, ventral striatum, and frontal volumes in young adulthood. *Drug Alcohol Depend.* 2018 May 1;186:94-101. doi: 10.1016/j.drugalcdep.2018.02.007. Epub 2018 Mar 14.
20. *Oshri A, Kogan S, Liu S, Sweet L, Mackillop J. Pathways Linking Adverse Childhood Experiences to Cigarette Smoking Among Young Black Men: a Prospective Analysis of the Role of Sleep Problems and Delayed Reward Discounting. *Ann Behav Med.* 2017 Dec;51(6):890-898. doi: 10.1007/s12160-017-9914-0.
21. *Owens MM, Gray JC, Amlung MT, *Oshri A, Sweet LH, MacKillop J. Neuroanatomical foundations of delayed reward discounting decision making. *Neuroimage.* 2017 Nov 1;161:261-270. doi: 10.1016/j.neuroimage.2017.08.045. Epub 2017 Aug 31.
22. *Demos KE, Sweet LH, Hart CN, McCaffery JM, Williams SE, Mailloux KA, Trautvetter J, Owens MM, Wing RR. The Effects of Experimental Manipulation of Sleep Duration on Neural Response to Food Cues. *Sleep.* 2017 Nov 1;40(11). doi: 10.1093/sleep/zsx125.
23. *Owens MM, MacKillop J, Gray JC, Beach SRH, Stein MD, Niaura RS, Sweet LH. Neural correlates of tobacco cue reactivity predict duration to lapse and continuous abstinence in smoking cessation treatment. *Addict Biol.* 2017 Sep 6. doi: 10.1111/adb.12549. [Epub ahead of print]
24. *Owens MM, Amlung MT, Beach SRH, Sweet LH, MacKillop J. Delay discounting differences in brain activation, connectivity, and structure in individuals with addiction: a systematic review protocol. *Syst Rev.* 2017 Jul 11;6(1):138. doi:10.1186/s13643-017-0537-0.

25. *Clark US, Sweet LH, Morgello S, *Philip NS, Cohen RA. High early life stress and aberrant amygdala activity: risk factors for elevated neuropsychiatric symptoms in HIV+ adults. *Brain Imaging Behav.* 2017 Jun;11(3):649-665. doi: 10.1007/s11682-016-9542-5.
26. Rochette AD, Spitznagel MB, Sweet LH, Cohen RA, Josephson R, Hughes J, Gunstad J. Gender Differences in Cognitive Test Performance in Adults With Heart Failure. *J Cardiovasc Nurs.* 2017 May/Jun;32(3):212-217. doi: 10.1097/JCN.0000000000000330.
27. *Owens MM, MacKillop J, Gray JC, *Hawkshead BE, Murphy CM, Sweet LH. Neural correlates of graphic cigarette warning labels predict smoking cessation relapse. *Psychiatry Res.* 2017 Apr 30;262:63-70. doi: 10.1016/j.psychres.2017.02.005. Epub 2017 Feb 17. PubMed PMID: 28236714; PubMed Central PMCID: PMC5404379.
28. Gray JC, Amlung MT, *Owens M, Acker J, Brown CL, Brody GH, Sweet LH, MacKillop J. The Neuroeconomics of Tobacco Demand: An Initial Investigation of the Neural Correlates of Cigarette Cost-Benefit Decision Making in Male Smokers. *Sci Rep.* 2017 Feb 3;7:41930. doi: 10.1038/srep41930.
29. Brody GH, Gray JC, Yu T, Barton AW, Beach SR, Galván A, MacKillop J, Windle M, Chen E, Miller GE, Sweet LH. Protective Prevention Effects on the Association of Poverty with Brain Development. *JAMA Pediatr.* 2017 Jan 1;171(1):46-52. doi: 10.1001/jamapediatrics.2016.2988.
30. *Liebel SW, Jones EC, *Oshri A, Hallowell ES, Jerskey BA, Gunstad J, Sweet LH. Cognitive processing speed mediates the effects of cardiovascular disease on executive functioning. *Neuropsychology.* 2017 Jan;31(1):44-51. doi: 10.1037/neu0000324.
31. Murphy CM, *Owens MM, Sweet LH, MacKillop J. The substitutability of cigarettes and food: A behavioral economic comparison in normal weight and overweight or obese smokers. *Psychol Addict Behav.* 2016 Dec;30(8):857-867. doi: 10.1037/adb0000223.
32. *Demos KE, Hart CN, Sweet LH, Mailloux KA, Trautvetter J, Williams SE, Wing RR, McCaffery JM. Partial sleep deprivation impacts impulsive action but not impulsive decision-making. *Physiol Behav.* 2016 Oct 1;164(Pt A):214-9. doi: 10.1016/j.physbeh.2016.06.003. Epub 2016 Jun 4.
33. *Philip NS, Tyrka AR, Albright SE, Sweet LH, Almeida J, Price LH, Carpenter LL. Early life stress predicts thalamic hyperconnectivity: A transdiagnostic study of global connectivity. *J Psychiatr Res.* 2016 Aug;79:93-100. doi: 10.1016/j.jpsychires.2016.05.003. Epub 2016 May 13.
34. *Philip NS, Sweet LH, Tyrka AR, Carpenter SL, Albright SE, Price LH, Carpenter LL. Exposure to childhood trauma is associated with altered n-back activation and performance in healthy adults: implications for a commonly used working memory task. *Brain Imaging Behav.* 2016 Mar;10(1):124-35. doi: 10.1007/s11682-015-9373-9.
35. Alosco ML, Brickman AM, Spitznagel MB, Narkhede A, Griffith EY, Cohen R, Sweet LH, Josephson R, Hughes J, Gunstad J. Reduced Gray Matter Volume Is Associated With Poorer Instrumental Activities of Daily Living Performance in Heart Failure. *J Cardiovasc Nurs.* 2016 Jan-Feb;31(1):31-41. doi: 10.1097/JCN.0000000000000218.
36. Alosco ML, Brickman AM, Spitznagel MB, Sweet LH, Josephson R, Griffith EY, Narkhede A, Hughes J, Gunstad J. Daily Physical Activity Is Associated with Subcortical Brain Volume and Cognition in Heart Failure. *J Int Neuropsychol Soc.* 2015 Nov;21(10):851-60. doi: 10.1017/S1355617715000697.

37. Alosco ML, Spitznagel MB, Cohen R, Sweet LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Obesity and cognitive dysfunction in heart failure: the role of hypertension, type 2 diabetes, and physical fitness. *Eur J Cardiovasc Nurs*. 2015 Aug;14(4):334-41. doi: 10.1177/1474515114535331. Epub 2014 May 14.
38. Garcia S, Calvo D, Spitznagel MB, Sweet L, Josephson R, Hughes J, Gunstad J. Dairy intake is associated with memory and pulsatility index in heart failure. *Int J Neurosci*. 2015 Apr;125(4):247-52. doi: 10.3109/00207454.2014.928290. Epub 2014 Jun 27.
39. Alosco ML, Spitznagel MB, Cohen R, Sweet LH, Hayes SM, Josephson R, Hughes J, Gunstad J. Decreases in Daily Physical Activity Predict Acute Decline in Attention/Executive Function in Heart Failure. *J Card Fail*. 2015 Jan 5. pii:S1071-9164(14)01363-3. doi: 10.1016/j.cardfail.2014.12.010.
40. Alosco ML, Gunstad J, *Beard C, *Xu X, *Clark US, *Labbe DR, Jerskey BA, *Ladino M, *Cote DM, Walsh EG, Poppas A, Cohen RA, Sweet LH. The synergistic effects of anxiety and cerebral hypoperfusion on cognitive dysfunction in older adults with cardiovascular disease. *J Geriatr Psychiatry Neurol*. 2015 Mar;28(1):57-66. doi: 10.1177/0891988714541871. Epub 2014 Jul 9.
41. *Liebel SW, *Clark US, *Xu X, *Riskin-Jones HH, *Hawkshead BE, *Schwarz NF, *Labbe D, Jerskey BA, Sweet LH. An FMRI-Compatible Symbol Search Task. *J Int Neuropsychol Soc*. 2015 Mar;21(3):231-8. doi: 10.1017/S1355617715000144. Epub 2015 Mar 20.
42. Alosco ML, Spitznagel MB, Sweet LH, Josephson R, Hughes J, Gunstad J. Cognitive dysfunction mediates the effects of poor physical fitness on decreased functional independence in heart failure. *Geriatr Gerontol Int*. 2015 Feb;15(2):174-81. doi: 10.1111/ggi.12245.
43. Alosco ML, Spitznagel MB, Sweet LH, Josephson R, Hughes J, Gunstad J. Atrial Fibrillation Exacerbates Cognitive Dysfunction and Cerebral Perfusion in Heart Failure. *Pacing Clin Electrophysiol*. 2015 Feb;38(2):178-186. doi:10.1111/pace.12543. Epub 2014 Dec 10.
44. Alosco ML, Brickman AM, Spitznagel MB, Narkhede A, Griffith EY, Raz N, Cohen R, Sweet LH, Colbert LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Higher BMI is associated with reduced brain volume in heart failure. *BMC Obes*. 2014 Dec 1;1(1):4.
45. Fulcher KK, Alosco ML, Miller L, Spitznagel MB, Cohen R, Raz N, Sweet L, Colbert LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Greater physical activity is associated with better cognitive function in heart failure. *Health Psychol*. 2014 Nov;33(11):1337-43. doi: 10.1037/hea0000039. Epub 2014 Jan 27.
46. Alosco ML, Spitznagel MB, Cohen R, Sweet LH, Josephson R, Hughes J, Gunstad J. Decreases in body mass index after cardiac rehabilitation predict improved cognitive function in older adults with heart failure. *J Am Geriatr Soc*. 2014 Nov;62(11):2215-6. doi: 10.1111/jgs.13123.
47. Gray JC, Amlung MT, Acker J, Sweet LH, Brown CL, MacKillop J. Clarifying the neural basis for incentive salience of tobacco cues in smokers. *Psychiatry Res*. 2014 Sep 30;223(3):218-25. doi: 10.1016/j.psychres.2014.06.003. Epub 2014 Jun 19.
48. Alosco ML, Spitznagel MB, Cohen R, Sweet LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Cardiac rehabilitation is associated with lasting improvements in cognitive function in older adults with heart failure. *Acta Cardiol*. 2014 Aug;69(4):407-14.
49. Alosco ML, Spitznagel MB, Cohen R, Sweet LH, Colbert LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Reduced cognitive function predicts functional decline in patients

- with heart failure over 12 months. *Eur J Cardiovasc Nurs*. 2014 Aug;13(4):304-10. doi: 10.1177/1474515113494026. Epub 2013 Jun 9.
50. Alosco ML, Gunstad J, *Xu X, *Clark US, *Labbe DR, *Riskin-Jones HH, *Terrero G, *Schwarz NF, Walsh EG, Poppas A, Cohen RA, Sweet LH. The impact of hypertension on cerebral perfusion and cortical thickness in older adults. *J Am Soc Hypertens*. 2014 Aug;8(8):561-70. doi: 10.1016/j.jash.2014.04.002. Epub 2014 Apr 13.
 51. Caldwell JZ, Gongvatana A, Navia BA, Sweet LH, Tashima K, Ding M, Cohen RA. Neural dysregulation during a working memory task in human immunodeficiency virus-seropositive and hepatitis C coinfecting individuals. *J Neurovirol*. 2014 Aug;20(4):398-411. doi:10.1007/s13365-014-0257-3. Epub 2014 May 28.
 52. Amlung M, Sweet LH, Acker J, Brown CL, MacKillop J. Dissociable brain signatures of choice conflict and immediate reward preferences in alcohol use disorders. *Addict Biol*. 2014 Jul;19(4):743-53. doi: 10.1111/adb.12017. Epub 2012 Dec 12.
 53. *Philip, N, Carpenter, L, and Sweet, LH. Developing Neuroimaging Phenotypes of the Default Mode Network in PTSD: Resting State Functional Connectivity, Task-Associated Deactivations and Structural Connectivity. *Journal of Visualized Experiments, J Vis Exp*. 2014 Jul 1;(89). doi: 10.3791/51651.
 54. MacKillop J, Amlung MT, Acker J, Gray JC, Brown CL, Murphy JG, Ray LA, Sweet LH. The neuroeconomics of alcohol demand: an initial investigation of the neural correlates of alcohol cost-benefit decision making in heavy drinking men. *Neuropsychopharmacology*. 2014 Jul;39(8):1988-95. doi: 10.1038/npp.2014.47. Epub 2014 Mar 3.
 55. *Xu X, *Clark US, David SP, *Mulligan RC, Knopik VS, McGeary J, MacKillop J, McCaffery J, Niaura RS, Sweet LH. Effects of nicotine deprivation and replacement on BOLD-fMRI response to smoking cues as a function of DRD4 VNTR genotype. *Nicotine Tob Res*. 2014 Jul;16(7):939-47. doi: 10.1093/ntr/ntu010. Epub 2014 Mar 22.
 56. *Philip NS, Valentine TR, Sweet LH, Tyrka AR, Price LH, Carpenter LL. Early life stress impacts dorsolateral prefrontal cortex functional connectivity in healthy adults: Informing future studies of antidepressant treatments. *J Psychiatr Res*. 2014 May;52:63-9. doi: 10.1016/j.jpsychires.2014.01.014. Epub 2014 Jan 29.
 57. Alosco ML, Spitznagel MB, Cohen R, Raz N, Sweet LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Decreased physical activity predicts cognitive dysfunction and reduced cerebral blood flow in heart failure. *J Neurol Sci*. 2014 Apr 15;339(1-2):169-75. doi: 10.1016/j.jns.2014.02.008. Epub 2014 Feb 18.
 58. *Xu X, Aron A, Westmaas JL, Wang J, Sweet LH. An fMRI Study of Nicotine-Deprived Smokers' Reactivity to Smoking Cues during Novel/Exciting Activity. *PLoS One*. 2014 Apr 11;9(4):e94598. doi: 10.1371/journal.pone.0094598. eCollection 2014.
 59. Alosco ML, Spitznagel MB, Cohen R, Raz N, Sweet LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Reduced cerebral perfusion predicts greater depressive symptoms and cognitive dysfunction at a 1-year follow-up in patients with heart failure. *Int J Geriatr Psychiatry*. 2014 Apr;29(4):428-36. doi: 10.1002/gps.4023. Epub 2013 Sep 10.
 60. Gray JC, Amlung MT, Acker JD, Sweet LH, MacKillop J. Item-based analysis of delayed reward discounting decision making. *Behav Processes*. 2014 Mar;103:256-60. doi: 10.1016/j.beproc.2014.01.006. Epub 2014 Jan 15.
 61. Alosco ML, Spitznagel MB, Raz N, Cohen R, Sweet LH, Colbert LH, Josephson R, van Dulmen M, Hughes J, Rosneck J, Gunstad J. Executive dysfunction is independently

- associated with reduced functional independence in heart failure. *J Clin Nurs*. 2014 Mar;23(5-6):829-36. doi: 10.1111/jocn.12214. Epub 2013 May 8.
62. *Xu X, Jerskey BA, *Cote DM, Walsh EG, *Hassenstab JJ, *Ladino ME, *Clark US, *Labbe DR, Gunstad JJ, Poppas A, Cohen RA, Hoge RD, Sweet LH. Cerebrovascular perfusion among older adults is moderated by strength training and gender. *Neurosci Lett*. 2014 Feb 7;560:26-30. doi: 10.1016/j.neulet.2013.12.011. Epub 2013 Dec 17.
 63. Alosco ML, Spitznagel MB, Cohen R, Sweet LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Better adherence to treatment recommendations in heart failure predicts improved cognitive function at a one-year follow-up. *J Clin Exp Neuropsychol*. 2014;36(9):956-66. doi: 10.1080/13803395.2014.957167. Epub 2014 Oct 29.
 64. Alosco ML, Garcia S, Spitznagel MB, van Dulmen M, Cohen R, Sweet LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Cognitive performance in older adults with stable heart failure: Longitudinal evidence for stability and improvement. *Neuropsychol Dev Cogn B Aging Neuropsychol Cogn*. 2014;21(2):239-56. doi: 10.1080/13825585.2013.818616. Epub 2013 Aug 1.
 65. *Philip NS, Kuras YI, Valentine TR, Sweet LH, Tyrka AR, Price LH, Carpenter LL. Regional homogeneity and resting state functional connectivity: associations with exposure to early life stress. *Psychiatry Res*. 2013 Dec 30;214(3):247-53. doi: 10.1016/j.psychres.2013.07.013. Epub 2013 Oct 3.
 66. Alosco ML, Gunstad J, Jerskey BA, *Xu X, *Clark US, *Hassenstab J, *Cote DM, Walsh EG, *Labbe DR, Hoge R, Cohen RA, Sweet LH. The adverse effects of reduced cerebral perfusion on cognition and brain structure in older adults with cardiovascular disease. *Brain Behav*. 2013 Nov;3(6):626-36. doi: 10.1002/brb3.171. Epub 2013 Sep 10.
 67. Alosco ML, Brickman AM, Spitznagel MB, Griffith EY, Narkhede A, Cohen R, Sweet LH, Hughes J, Rosneck J, Gunstad J. Reduced cerebral blood flow and white matter hyperintensities predict poor sleep in heart failure. *Behav Brain Funct*. 2013 Oct 30;9:42. doi: 10.1186/1744-9081-9-42.
 68. Alosco ML, Brickman AM, Spitznagel MB, Griffith EY, Narkhede A, Raz N, Cohen R, Sweet LH, Hughes J, Rosneck J, Gunstad J. Independent and interactive effects of blood pressure and cardiac function on brain volume and white matter hyperintensities in heart failure. *J Am Soc Hypertens*. 2013 Sep-Oct;7(5):336-43. doi: 10.1016/j.jash.2013.04.011. Epub 2013 Jun 2.
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PATENT

Paskavitz, J and Sweet, LH. Spatial Evolution of Neural Activity. *United States Patent* 20050053550, 2005.

BOOK

Cohen, RA and Sweet, LH (Editors). *Brain Imaging in Behavioral Medicine and Clinical Neuroscience*, Springer, New York, 2011.

BOOK CHAPTERS

1. Cohen, RA, Sweet, LH, Tate, D, and Fischer, M. Functional brain imaging in cerebrovascular disease. In Paul, R, Cohen, R, Ott, B and Salloway, S (Editors). *Vascular Dementia: Mechanisms and Clinical Management.* 2004, Humana Press, New York.
2. Cohen, RA, Salloway, S, Sweet, LH. Neuropsychiatric aspects of disorders of attention. In SC Yudofsky and RE Hales (Editors). *Textbook of Neuropsychiatry.* 2008, American Psychiatric Press, Washington, DC.
3. Sweet, LH and Haley, AP. Functional magnetic resonance imaging in patients with cardiovascular disease. In Cohen, RA, and Gunstad, JJ (Editors). *Brain Function in Cardiovascular Disease.* 2010, Oxford, New York.
4. Sweet, LH. Functional magnetic resonance imaging. In Cohen, RA, and Sweet, LH (Editors). *Brain Imaging in Behavioral Medicine and Clinical Neuroscience.* 2011, Springer, New York.
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6. David, SP, Sweet, LH, Cohen, R., Mulligan, RC, and Niaura, R. Application of functional neuroimaging to examination of nicotine dependence. In Cohen, RA, and Sweet, LH (Editors). *Brain Imaging in Behavioral Medicine and Clinical Neuroscience*. 2011, Springer, New York.
7. Sweet, LH, MacKillop, J, Amlung, M. Functional Neuroimaging in Addictions Research. In J MacKillop and H de Wit (Editors). *The Wiley-Blackwell Handbook of Addiction Psychopharmacology*. 2013, Wiley-Blackwell, New York.
8. Liebel, SW, & Sweet, LH (in press). Effects of cardiovascular disease and related risk factors on neurocognition. In RA Stern & ML Alosco (Eds), *The Oxford Handbook of Adult Cognitive Disorders*. 2019, Oxford University Press, Oxford.

ENCYCLOPEDIA CONTRIBUTIONS

1. Sweet, LH and Jerskey, BA. Working Memory. In Kreutzer, J, DeLuca, and J, Caplan, B (Editors). *Encyclopedia of Clinical Neuropsychology*. 2010, Springer, New York.
2. Sweet, LH. Default Network. In Kreutzer, J, DeLuca, and J, Caplan, B (Editors). *Encyclopedia of Clinical Neuropsychology*. 2010, Springer, New York.
3. Sweet, LH. N-Back Paradigm. In Kreutzer, J, DeLuca, and J, Caplan, B (Editors). *Encyclopedia of Clinical Neuropsychology*. 2010, Springer, New York.
4. Sweet, LH. Information Processing Speed. In Kreutzer, J, DeLuca, and J, Caplan, B (Editors). *Encyclopedia of Clinical Neuropsychology*. 2010, Springer, New York.
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ACTIVE GRANTS

1. NIAAA R01AA025911, PI: Lawrence Sweet / James MacKillop, 2018-2023
Using Neuroeconomics to Understand Alcohol Overvaluation in Alcohol Use Disorder
Role: Principal Investigator
2. NIDA UG3DA047793, PI: Ana Abrantes / Michael Stein, 2018-2020
TDCS to Decrease Opioid Relapse
Role: Co-Investigator
3. NIDA K01DA045219, PI: Assaf Oshri, 2018-2023
Influence of Community & Family Processes on Neurocognitive Systems linked to Early-onset Drug Use

Role: Primary Mentor

4. NIDA R34 DA039291-01A1, PI: Michael Stein 2016-2019
Neuroimaging Predictors of Relapse during Treatment for Opiate Dependence
Role: Co-Investigator
5. NIDA P30 P30DA027827, PI: Gene Brody, 2014-2019
Vulnerability to Drug Use & HIV: Advancing Prevention for Rural African Americans
Role: Core Director

COMPLETED GRANTS

1. NIDDK K01DK090445, PI: Kathryn Demos, 2011-2016
The Neural Correlates of Food Choice Decision-Making in Obesity and Weight Loss
Role: Co-Mentor
2. NIMH K23MH096628, PI: Uraina Clark, 2012-2017
Effects of Early-Life Stress on HIV-Associated Brain Dysfunction in Adults
Role: Primary Mentor
3. VA Career Development Award, PI: Noah Philip 2013-2018
Early Life Stress and the Default Mode Network
Role: Co-Mentor
4. NIDA R21DA031269-01A1, PI: Lawrence Sweet, 2012-2015
Neuroimaging approaches to improve prediction of relapse during smoking cessation
Role: Principal Investigator
5. NCI U01CA150387, PI: Rena Wing, 2009-2015
Increasing Sleep Duration: A novel approach to weight control
Role: Co-Investigator
6. NHLBI R01HL089311, PI: Gunstad, 2008-2013
Cognitive benefits of cardiac rehabilitation in heart failure
Role: Co-Investigator
7. National Multiple Sclerosis Society RG 4283A2/2 (Phase 1), PI: Albert Lo, 2011-2013
Multiple Sclerosis: prevalence and social functioning by disease duration and subtype
Role: Co-Investigator
8. NHLBI R01HL084178-01A1, PI: Lawrence Sweet, 2007-2012
Hemodynamic and Cognitive Function in Cardiovascular Disease
Role: Principal Investigator
9. NIAAA K99AA020235, PI: Assawin Gongvatana, 2011-2014
Impact of Alcohol Use and HIV Infection on Brain Connectivity Abnormalities
Role: Co-Mentor 2010-2012
10. NCI P50CA084719-060002, PI: Sweet/Niaura, 2004-2010
Nicotine Dependence: Phenotype, Endophenotype and Contexts. Project 2: fMRI
Study of Nicotine Exposure in Discordant Sib-Pairs
Role: Principal Investigator 2009-2010, Project Director 2005-2009
11. NIDA R01DA020725, PI: Tara White, 2007-2011

- Amphetamine effects on fMRI and behavior: Genetic and Personality Differences
Role: Co-Investigator
12. NIA F32AG03284701, Jason Hassenstab, 2008-2010
An FMRI study of verbal working memory in metabolic syndrome
Role: Co-Mentor
 13. NIDA R03DA022137, PI: Robert Paul, 2006-2007
Functional Neuroimaging of Cognitive Dysfunction in HIV-HCV Co-Infection.
Role: Co-Investigator
 14. NIDDK R01DK066787-S2, PI: Rena Wing, 2004-2007
Long-Term Weight Loss Maintenance: FMRI
Role: Co-Investigator
 15. NIDA R03DA017178, PI: Tara White, 2003-2006
Individual differences in amphetamine use
Role: Co-Investigator
 16. NINDS 1F32NS042404, PI: Lawrence Sweet, 2001-2003
Cognitive speed and working memory in multiple sclerosis.
Role: Principal Investigator
 17. DHHS, Health Resources & Services Administration, PI: Lawrence Price, 2010
Health Care and Other Facilities (Butler Hospital Neuroimaging Center)
Role: Director, Butler Hospital Neuroimaging Center
 18. Russell Sage Foundation, PI: James MacKillop, 2007-2008
Grants in Behavioral Economics: Neuroeconomics of Nicotine Dependence
Role: Co-Investigator
 19. Lifespan Developmental Grant Program, PI: David Williams, 2007-2008
Exercise as a treatment for depression: exploring brain mechanisms via FMRI
Role: Co-Investigator
 20. Ittleson Foundation, PI: Lawrence Sweet, 2004-2006
Age, Cardiovascular Health, FMRI and Cognitive Function
Role: Principal Investigator
 21. Ittleson Foundation, PI: Ronald Cohen, 2003-2004
The effects of nicotine on brain activity during working memory
Role: Co-Investigator
 22. Ittleson Foundation, PI: Ronald Cohen, 2003-2004
The effects of donepezil on brain activity in Alzheimer's disease
Role: Co-Investigator
 23. Ittleson Foundation, PI: Mark Aloia, 2004-2006
The effects of treatment for sleep apnea on brain activity
Role: Co-Investigator
 24. Pfizer Inc clinical protocol Q1026, PI: James Paskavitz, 2004-2005
Efficacy of anticholinergic medication in Alzheimer's disease as assessed by FMRI
Role: Co-Investigator
 25. Ittleson Foundation, PI: John Gunstad, 2005-2006
Genetic risk hypertension, visual working memory, and brain activity

Role: Co-Investigator

UNIVERSITY TEACHING ROLES

2019	Instructor, Advanced Topics in Psychology: NIH grant Writing (PSYC 8000)
2018	Instructor, Neuropsychological Assessment (PSYC 8550)
2017	Instructor, First Year Odyssey Seminar (FYOS 1001) Brain Structure, Function and Dysfunction (16 undergraduates)
2014-present	Supervised Center for Undergraduate Research Opportunities (CURO), University of Georgia Department of Psychology CURO Research Courses (6 students) CURO Summer Research Fellowship (2 Students)
2014-present	Directed Undergraduate Research (PSYCH 4800), University of Georgia Department of Psychology (16 students)
2014-present	Instructor, Neuroanatomy (PSYCH 8300), University of Georgia Department of Psychology (four courses, average of 8 graduate students each)
2013-present	Co-Mentor, VA Career Development Award, PI: Noah Philip; Early Life Stress and the Default Mode Network
2013	Instructor, Psychopathology (PSYCH 4240), University of Georgia Department of Psychology (42 undergraduates)
2012-present	Primary Mentor, NIMH K23MH096628, PI: Uraina Clark, Effects of Early-Life Stress on HIV-Associated Brain Dysfunction in Adults
2011-present	Co-Mentor, K01DK090445, PI: Kathryn Demos, Neural Correlates of Food Choice Decision-Making in Obesity and Weight Loss
2011-2013	Co-Mentor, K99AA020235, PI: Assawin Gongvatana, Impact of Excessive Alcohol Use in HIV-Associated Brain Dysfunction: A DTI Study
2011-2012	Mentor, Diversity Mentoring Program, Brown University Clinical Psychology Training Consortium (one postdoctoral fellow)
2009-2012	Co-Mentor, T32AA007459, PI: Peter Monti, Alcohol Intervention/Treatment Outcome Research Training, Brown University Public Health Program (two postdoctoral fellows)
2009-2013	Co-Mentor and Seminar Presenter, T32HL076134, PI: Rena Wing, Training in Behavioral and Preventive Medicine, Brown University Department of Psychiatry and Human Behavior (two postdoctoral fellows)
2009-2010	Co-Mentor, T32MH067553, PI: Ivan Miller, Training in Treatment Research Fellowship, Department of Psychiatry and Human Behavior (one postdoctoral fellow)
2009-2011	Instructor, Biology 1960 Directed Research, Brown University Department of Biology (four undergraduate seniors)

- 2008-2010 Instructor, Biology 1950 Directed Research, Brown University Department of Biology (three undergraduate seniors)
- 2008-2010 Co-Mentor, F32AG032847, PI: Jason Hassenstab, An fMRI study of verbal working memory in metabolic syndrome, Department of Psychiatry and Human Behavior
- 2005–2012 Research Mentor, Clinical Research, Brown University Clinical Psychology Training Consortium (five Psychology Residents)
- 2005-2008 Primary Mentor and Seminar Presenter, 5T32AG020498, PI: Paul Malloy, Brown University Dementia Research Fellowship, Department of Psychiatry and Human Behavior (two postdoctoral fellows)
- 2005-2012 Instructor, Weekly Neuroimaging Seminar (fall and spring semesters), Brown University Clinical Psychology Training Consortium (approximately five Psychology and Psychiatry Residents and five Fellows annually)
- 2004-2010 Faculty Facilitator and Presenter, Neuropsychology Grant Writing Seminar, Brown University Clinical Psychology Training Consortium (approximately ten Psychology Residents and Fellows annually)
- 2003-2006 Co-coordinator, Neuroimaging Journal Club, Brown University Magnetic Resonance Imaging Research Facilities, Brown Institute for Brain Science
- 2003-2012 Annual Presenter, Neuropsychology Seminars, Brown University Clinical Psychology Training Consortium (five Psychology Residents annually)
- 2003-2011 Training grants
- 2003-2012 Functional Neuroimaging

DISSERTATION COMMITTEES (University of Georgia)

Complete

- Bryant Duda, MS, Clinical Psychology Program (Chair), 2019
- Max Owens, MS, Behavioral and Brain Sciences Program (Chair), 2018
- Catherine Mewborn, MS, Clinical Psychology Program, 2018
- Katherine Visser, MS, Clinical Psychology, 2018
- Megan Filkowski, MS, Behavioral and Brain Sciences Program, 2018
- Cutter Lindbergh, PhD, Clinical Psychology Program, 2017
- Joshua Gray, PhD, Clinical Psychology Program, 2016
- Nicolette Schwarz, PhD, Behavioral and Brain Sciences Program, 2015 (Chair)
- Cara Murphy, PhD, Clinical Psychology Program, 2015

Active

- Spencer Liebel, MS, Clinical Psychology Program (Chair)
- Brittany Hawkshead, MS, Clinical Psychology Program (Chair)
- Tim Wanger, MS, Behavioral and Brain Sciences Program (Chair)
- Emily Hallowell, MA, Clinical Psychology Program (Chair)
- Marissa Gogniat, Clinical Psychology Program
- Ivan Ruiz, Clinical Psychology Program
- Talia Robinson, Clinical Psychology Program
- Heidi Sarles-Whittlesey, Clinical Psychology Program (Chair)

Britni Suprenant, Clinical Psychology Program (Chair)
Josh McMains, Behavioral and Brain Sciences Program (Chair)

MASTERS COMMITTEES (University of Georgia)

Complete

Marissa Gogniat, Clinical Psychology Program, 2019
Ivan Ruiz, Clinical Psychology Program, 2018
Talia Robinson, Clinical Psychology Program, 2018
Catherine Mewborn, Clinical Psychology Program, 2017
Max Owens, Clinical Psychology Program, 2017 (Chair)
Bryant Duda, Clinical Psychology Program, 2017 (Chair)
Spencer Liebel, Clinical Psychology Program, 2017 (Chair)
Brittany Hawkshead, Clinical Psychology Program, 2017 (Chair)
Thitapa Shinaprayoon, Behavioral and Brain Sciences Program, 2016

Active

Shannon McNally, Clinical Psychology Program (Chair)
Erin Jones, Clinical Psychology Program (Chair)
Landry Goodgame, Interdisciplinary Neuroscience Program
Heidi Sarles-Whittlesey, Clinical Psychology Program (Chair)
Britni Suprenant, Clinical Psychology Program (Chair)
Josh McMains, Behavioral and Brain Sciences Program (Chair)

COURSES (University of Georgia)

Classroom

FYOS 1001 Brain Structure, Function, and Dysfunction
PSYC 4240 Psychopathology
PSYC 8300 Neuroanatomy
PSYC 8550 Neuropsychology
PSYC 8000 Advanced Topics in Psychology: NIH Grant Writing

Directed Studies

BIOL 4960H
HONS 4960H
HONS 4970H
HONS 4980H
PSYC 4800
PSYC 4850
PSYC 4960H
PSYC 4970H
PSYC 7000
PSYC 7300
PSYC 8330
PSYC 9000
PSYC 9100
PSYC 9300