

CURRICULUM VITAE
LAWRENCE H. SWEET

Department of Psychology
University of Georgia
Athens, GA 30602

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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

- 2021 William Owens Creative Research Award, University of Georgia
- 2020 Teaching Award, Behavioral and Brain Sciences Program, Department of Psychology, University of Georgia
- 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 (F32)

ACADEMIC APPOINTMENTS

- 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 for 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

SERVICE

NATIONAL

- 2016-2019 Chair, Data and Safety Monitoring Board, R21AG050898, PI Haley
- 2010-present National Institute of Health Grant Review Panel Service:
11/18/2020: Co-Chair, Risk, Prevention, Health Behavior (ZRG1-RPHB-V-02)
10/24/2019: Interventions to Prevent & Treat Addictions (IPTA)
10/24/2019: Interventions to Prevent & Treat Addictions (ZRG1 IPTA-E 7 S)
06/06/2019: Co-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: Risk, Prevention & Health Behavior (ZRG1-RPHB-V-07)
02/07/2019: Interventions to Prevent & Treat Addictions (IPTA)
11/30/2018: Risk, Prevention & 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

REGIONAL

2019 Grant Reviewer, Georgia Clinical and Translational Science Alliance

UNIVERSITY

2020-present Special Professorships Selection Committee, University of Georgia
 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
 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

DEPARTMENTAL AND PROGRAM

2019-2020 University of Georgia Department of Psychology Personnel Advisory Committee (Clinical Psychology Representative)
 2020 Chaired one review
 2015-2017 University of Georgia Department of Psychology Personnel Committee (Behavioral and Brain Science Representative)
 2013-2017 University of Georgia Department of Psychology Personnel Advisory Committee (Behavioral and Brain Sciences Representative)
 2015-2017 Chaired three reviews

2012-present University of Georgia Clinical Psychology Program Committees
2012-present Admissions
2012-present Comprehensive Exam
2012-present Financial Aid
2013 Faculty Search

HOSPITAL

2007-2012 Member, Butler Hospital Institutional Review Board

MEMBERSHIPS

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

PUBLICATIONS

PEER REVIEWED PUBLICATIONS LISTED BY SIX CONTENT AREAS (143 TOTAL)

* indicates current or former formal mentorship at the time of publication

COGNITIVE AND CLINICAL NEUROSCIENCE:

1. *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.
2. *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.
3. *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.
4. *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.
5. 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.
6. Friedman JH, Abrantes A, Sweet LH. Fatigue in Parkinson's disease. *Expert Opin Pharmacother.* 2011 Sep;12(13):1999-2007. doi: 10.1517/14656566.2011.587120. Epub 2011 Jun 3.

7. Sweet LH, *Vanderhill SD, *Jerskey BA, Gordon NM, Paul RH, Cohen RA. Subvocal articulatory rehearsal during verbal working memory in multiple sclerosis. *Neurocase*. 2010 Oct;16(5):418-25. doi: 10.1080/13554791003620314. Epub 2010 Apr 15.
8. Okonkwo OC, Alosco ML, *Jerskey BA, Sweet LH, Ott BR, Tremont G; Alzheimer's Disease Neuroimaging Initiative. Cerebral atrophy, apolipoprotein E varepsilon4, and rate of decline in everyday function among patients with amnesic mild cognitive impairment. *Alzheimers Dement*. 2010 Sep;6(5):404-11. doi: 10.1016/j.jalz.2010.02.003.
9. Paskavitz JF, Sweet LH, Wellen J, Helmer KG, Rao SM, Cohen RA. Recruitment and stabilization of brain activation within a working memory task; an fMRI study. *Brain Imaging Behav*. 2010 Mar;4(1):5-21. doi: 10.1007/s11682-009-9081-4. Epub 2009 Dec 11.
10. Sweet LH, Paskavitz JF, *Haley AP, Gunstad JJ, *Mulligan RC, *Nyalakanti PK, Cohen RA. Imaging phonological similarity effects on verbal working memory. *Neuropsychologia*. 2008 Mar 7;46(4):1114-23. Epub 2007 Nov 9.
11. Browndyke JN, Paskavitz J, Sweet LH, Cohen RA, Tucker KA, Welsh-Bohmer KA, Burke JR, Schmechel DE. Neuroanatomical correlates of malingered memory impairment: event-related fMRI of deception on a recognition memory task. *Brain Inj*. 2008 Jun;22(6):481-9. doi: 10.1080/02699050802084894.
12. Sweet LH, Rao SM, Primeau M, Durgerian S, Cohen RA. Functional magnetic resonance imaging response to increased verbal working memory demands among patients with multiple sclerosis. *Hum Brain Mapp*. 2006 Jan;27(1):28-36.
13. Sweet LH, Paskavitz JF, O'Connor MJ, Browndyke JN, Wellen JW, Cohen RA. fMRI correlates of the WAIS-III symbol search subtest. *J Int Neuropsychol Soc*. 2005 Jul;11(4):471-6.
14. Sweet LH, Rao SM, Primeau M, Mayer AR, Cohen RA. Functional magnetic resonance imaging of working memory among multiple sclerosis patients. *J Neuroimaging*. 2004 Apr;14(2):150-7.
15. Paul RH, Cohen RA, Moser DJ, Browndyke JN, Davis K, Gordon N, Sweet L, Lawrence JJ, Zawacki T. Sensitivity of the dementia rating scale in vascular dementia: comparison between two sets of criteria to define cognitive impairment. *Cerebrovasc Dis*. 2003;15(1-2):116-20.
16. Sweet LH, Paul RH, Cohen RA, Moser D, Ott BR, Gordon N, Browndyke JN, Shah P, Garrett KD. Neuroimaging correlates of dementia rating scale performance at baseline and 12-month follow-up among patients with vascular dementia. *J Geriatr Psychiatry Neurol*. 2003 Dec;16(4):240-4.
17. Paul RH, Cohen RA, Moser DJ, Ott BR, Sethi M, Sweet L, Browndyke J, Malloy P, Garrett K. Clinical correlates of cognitive decline in vascular dementia. *Cogn Behav Neurol*. 2003 Mar;16(1):40-6.
18. Cohen RA, Browndyke JN, Moser DJ, Paul RH, Gordon N, Sweet L. Long-term citicoline (cytidine diphosphate choline) use in patients with vascular dementia:

neuroimaging and neuropsychological outcomes. *Cerebrovasc Dis.* 2003;16(3):199-204.

DEVELOPMENT AND AGING:

19. *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]
20. *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]
21. 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]
22. 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.
23. *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.
24. *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]
25. *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.
26. *Duda BM, Keith CM, Sweet LH. CHA2DS2-VASc Stroke Risk Index and Executive Functioning in Older Adults. *Arch Clin Neuropsychol.* 2019 Aug 16. pii: acz031. doi: 10.1093/arclin/acz031. [Epub ahead of print]
27. *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.pscychresns.2018.12.011. [Epub ahead of print]

28. *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]
29. 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]
30. *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.
31. 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.
32. *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.
33. *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.
34. 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.
35. *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.
36. *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.
37. *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.
38. *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.
 39. *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.
 40. *Philip NS, Sweet LH, Tyrka AR, Price LH, Carpenter LL, Kuras YI, *Clark US, Niaura RS. Early life stress is associated with greater default network deactivation during working memory in healthy controls: a preliminary report. *Brain Imaging Behav.* 2013 Jun;7(2):204-12. doi: 10.1007/s11682-012-9216-x.
 41. *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.pscychresns.2013.07.013. Epub 2013 Oct 3.
 42. *Philip NS, Sweet LH, Tyrka AR, Price LH, Bloom RF, Carpenter LL. Decreased default network connectivity is associated with early life stress in medication-free healthy adults. *Eur Neuropsychopharmacol.* 2013 Jan;23(1):24-32. doi: 10.1016/j.euroneuro.2012.10.008. Epub 2012 Nov 8.
 43. *Clark US, Cohen RA, Sweet LH, *Gongvatana A, Devlin KN, Hana GN, Westbrook ML, *Mulligan RC, *Jerskey BA, White TL, Navia B, Tashima KT. Effects of HIV and early life stress on amygdala morphometry and neurocognitive function. *J Int Neuropsychol Soc.* 2012 Jul;18(4):657-68. doi: 10.1017/S1355617712000434. Epub 2012 May 24.
 44. *Mulligan RC, Knopik VS, Sweet LH, Fischer M, Seidenberg M, Rao SM. Neural correlates of inhibitory control in adult attention deficit/hyperactivity disorder: evidence from the Milwaukee longitudinal sample. *Psychiatry Res.* 2011 Nov 30;194(2):119-29. doi: 10.1016/j.pscychresns.2011.02.003. Epub 2011 Sep 21.
 45. Cohen RA, Grieve S, Hoth KF, Paul RH, Sweet L, Tate D, Gunstad J, Stroud L, McCaffery J, Hitsman B, Niaura R, Clark CR, McFarlane A, Bryant R, Gordon E, Williams LM. Early life stress and morphometry of the adult anterior cingulate cortex and caudate nuclei. *Biol Psychiatry.* 2006 May 15;59(10):975-82. Epub 2006 Apr 17.
 46. Cohen RA, Hitsman BL, Paul RH, McCaffery J, Stroud L, Sweet L, Gunstad J, Niaura R, MacFarlane A, Bryant RA, Gordon E. Early life stress and adult emotional experience: an international perspective. *Int J Psychiatry Med.* 2006;36(1):35-52.

BEHAVIORAL MEDICINE

47. Syan SK, *Owens MM, Goodman B, Epstein LH, Meyre D, Sweet LH, MacKillop J. Deficits in executive function and suppression of default mode network in obesity. *Neuroimage Clin*. 2019 Oct 26;24:102015. doi: 10.1016/j.nicl.2019.102015. [Epub ahead of print]
48. *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.
49. 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.
50. *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.
51. 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.
52. 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.
53. 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.
54. 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.
55. Alosco ML, Spitznagel MB, Raz N, Cohen R, Sweet LH, Colbert LH, Josephson R, van Dulmen M, Hughes J, Rosneck J, Gunstad J. Dietary habits moderate the association between heart failure and cognitive impairment. *J Nutr Gerontol Geriatr*. 2013;32(2):106-21. doi: 10.1080/21551197.2013.781408.
56. Alosco ML, Benitez A, Gunstad J, Spitznagel MB, McCaffery JM, McGeary JE, Poppas A, Paul RH, Sweet LH, Cohen RA. Reduced memory in fat mass and obesity-associated allele carriers among older adults with cardiovascular disease. *Psychogeriatrics*. 2013 Mar;13(1):35-40. doi: 10.1111/j.1479-8301.2012.00424.x.
57. *Hassenstab JJ, Sweet LH, Del Parigi A, McCaffery JM, *Haley AP, *Demos KE, Cohen RA, Wing RR. Cortical thickness of the cognitive control network in obesity

- and successful weight loss maintenance: a preliminary MRI study. *Psychiatry Res.* 2012 Apr 30;202(1):77-9. doi: 10.1016/j.psychres.2011.09.008. Epub 2012 May 16.
58. Sweet LH, *Hassenstab JJ, McCaffery JM, Raynor HA, Bond DS, *Demos KE, *Haley AP, Cohen RA, Del Parigi A, Wing RR. Brain response to food stimulation in obese, normal weight, and successful weight loss maintainers. *Obesity (Silver Spring)*. 2012 Nov;20(11):2220-5. doi: 10.1038/oby.2012.125. Epub 2012 May 9.
 59. Garcia S, Alosco ML, Spitznagel MB, Cohen R, Raz N, Sweet L, Colbert L, Josephson R, Hughes J, Rosneck J, Gunstad J. Poor sleep quality and reduced cognitive function in persons with heart failure. *Int J Cardiol.* 2012 Apr 19;156(2):248-9. doi: 10.1016/j.ijcard.2012.01.037. Epub 2012 Feb 21.
 60. Alosco ML, Spitznagel MB, Raz N, Cohen R, Sweet LH, Colbert LH, Josephson R, van Dulmen M, Hughes J, Rosneck J, Gunstad J. Obesity interacts with cerebral hypoperfusion to exacerbate cognitive impairment in older adults with heart failure. *Cerebrovasc Dis Extra.* 2012 Jan;2(1):88-98. doi: 10.1159/000343222. Epub 2012 Oct 25.
 61. Knecht KM, Alosco ML, Spitznagel MB, Cohen R, Raz N, Sweet L, Colbert LH, Josephson R, Hughes J, Rosneck J, Gunstad J. Sleep apnea and cognitive function in heart failure. *Cardiovasc Psychiatry Neurol.* 2012;2012:402079. doi: 10.1155/2012/402079. Epub 2012 Jun 14.
 62. Sweet LH, *Jerskey BA, Aloia MS. Default network response to a working memory challenge after withdrawal of continuous positive airway pressure treatment for obstructive sleep apnea. *Brain Imaging Behav.* 2010 Jun;4(2):155-63. doi: 10.1007/s11682-010-9095-y.
 63. Phelan S, *Hassenstab J, McCaffery JM, Sweet L, Raynor HA, Cohen RA, Wing RR. Cognitive interference from food cues in weight loss maintainers, normal weight, and obese individuals. *Obesity (Silver Spring)*. 2011 Jan;19(1):69-73. doi: 10.1038/oby.2010.138. Epub 2010 Jun 10.
 64. McCaffery JM, *Haley AP, Sweet LH, Phelan S, Raynor HA, Del Parigi A, Cohen R, Wing RR. Differential functional magnetic resonance imaging response to food pictures in successful weight-loss maintainers relative to normal-weight and obese controls. *Am J Clin Nutr.* 2009 Oct;90(4):928-34. doi: 10.3945/ajcn.2009.27924. Epub 2009 Aug 12.
 65. Aloia MS, Sweet LH, *Jerskey BA, Zimmerman M, Arnedt JT, Millman RP. Treatment effects on brain activity during a working memory task in obstructive sleep apnea. *J Sleep Res.* 2009 Dec;18(4):404-10. doi: 10.1111/j.1365-2869.2009.00755.x. Epub 2009 Sep 17.
 66. Felver-Gant JC, Bruce AS, Zimmerman M, Sweet LH, Millman RP, Aloia MS. Working memory in obstructive sleep apnea: construct validity and treatment effects. *J Clin Sleep Med.* 2007 Oct 15;3(6):589-94.

ADDICTION:

67. Syan SK, Gonzalez-Roz A, Amlung M, Sweet LH, MacKillop J. Delayed Reward Discounting as a Prognostic Factor for Smoking Cessation Treatment Outcome: A Systematic Review. *Nicotine Tob Res.* 2021 Mar 27;ntab052. doi: 10.1093/ntr/ntab052. Epub ahead of print. PMID: 33772298.
68. *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]
69. *Owens MM, Sweet LH, MacKillop J. Recent cannabis use is associated with smaller hippocampus volume: High-resolution segmentation of structural subfields in a large non-clinical sample. *Addict Biol.* 2020 Jan 28:e12874. doi:10.1111/adb.12874.
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10. Sweet, LH. Symbol Search. In Kreutzer, J, DeLuca, and J, Caplan, B (Editors). Encyclopedia of Clinical Neuropsychology. 2018, Springer, New York.

CONFERENCE WORKSHOP PRESENTATION

1. Sweet, LH, Galvan, A, MacKillop, J, McCormick, M, Clark, US, Barton, A. Applications of neuroscience for prevention scientists: Core concepts and emerging directions. One-day preconference workshop presented to the 2018 meeting of the Society for Prevention Research.

GRANTS AWARDED

ACTIVE

NIDA F31, PI: Landry Huffman, 2021-2023

Longitudinal changes in adolescent neurocognitive function and attendant risk for early substance use behaviors

Role: Primary Mentor

NIMH F31 MH125563, PI: Lisa Bartolomeo, 2021-2023

The Neural Basis of the Positivity Offset as a Mechanism of Avolition in Schizophrenia

Role: Co-Mentor

NIMH U01MH124639, PI: S Woods, 2020-2025

Pro-Net: Psychosis Risk Outcomes Network: a 26-site multi-national consortium study.

Role: Co-Investigator

NIMH R61MH121560, PI: Gregory Strauss, 2020-2022

Cognitive Training for Emotional Regulation in Psychotic Disorders

Role: Co-Investigator

NIDA P50DA051361, PI: Gene Brody, 2020-2025

Neuroscience, Immunology, Social Adversity, and the Roots of Addictive Behavior

Role: Co-Investigator

NIDA K01DA049292, PI: Jiaying Liu, 2020-2025

Neuroimaging Approaches to Improve Prediction of Smoking Initiation and Nicotine Use Escalation Among Young Adult Electronic Nicotine Delivery System Users

Role: Primary Mentor

NIAAA R01AA025911, PI: Lawrence Sweet / James MacKillop, 2018-2023

Using Neuroeconomics to Understand Alcohol Overvaluation in Alcohol Use Disorder

Role: Principal Investigator

Franklin Foundation Student Seed Grant, PI: Heidi Sarles-Whittlesey, 2020-2021

Vascular and immune contributions to neurodegenerative pathology: Choroid Plexus

Role: Primary Mentor

Franklin Foundation Student Seed Grant, PI: Britni Surprenant, 2020-2021

Functional Neuroimaging Markers of Opiate Use Cessation Outcomes

Role: Primary Mentor

Franklin Foundation Student Seed Grant, PI: Erin Jones, 2020-2021
Functional Neuroimaging Markers of Alcohol Use Cessation Outcomes

Role: Primary Mentor

NIDA UG3DA047793, PI: Ana Abrantes / Michael Stein, 2018-2020

TDCS to Decrease Opioid Relapse

Role: Co-Investigator

NIDA K01DA045219, PI: Assaf Oshri, 2018-2023

Influence of Community & Family Processes on Neurocognitive Systems linked to Early-onset Drug Use

Role: Primary Mentor

COMPLETED

1. NIDA R34 DA039291-01A1, PI: Michael Stein 2016-2019
Neuroimaging Predictors of Relapse during Treatment for Opiate Dependence
Role: Co-Investigator
2. NIDA P30 P30DA027827, PI: Gene Brody, 2014-2019
Vulnerability to Drug Use & HIV: Advancing Prevention for Rural African Americans
Role: Core Director and Co-Investigator
3. NIDDK K01DK090445, PI: Kathryn Demos, 2011-2016
The Neural Correlates of Food Choice Decision-Making in Obesity and Weight Loss
Role: Co-Mentor
4. NIMH K23MH096628, PI: Uraina Clark, 2012-2017
Effects of Early-Life Stress on HIV-Associated Brain Dysfunction in Adults
Role: Primary Mentor
5. VA Career Development Award, PI: Noah Philip 2013-2018
Early Life Stress and the Default Mode Network
Role: Co-Mentor
6. NIDA R21DA031269-01A1, PI: Lawrence Sweet, 2012-2015
Neuroimaging approaches to improve prediction of relapse during smoking cessation
Role: Principal Investigator
7. NCI U01CA150387, PI: Rena Wing, 2009-2015
Increasing Sleep Duration: A novel approach to weight control
Role: Co-Investigator
8. NHLBI R01HL089311, PI: Gunstad, 2008-2013
Cognitive benefits of cardiac rehabilitation in heart failure
Role: Co-Investigator
9. 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
10. NHLBI R01HL084178-01A1, PI: Lawrence Sweet, 2007-2012

Hemodynamic and Cognitive Function in Cardiovascular Disease

Role: Principal Investigator

11. NIAAA K99AA020235, PI: Assawin Gongvatana, 2011-2014
Impact of Alcohol Use and HIV Infection on Brain Connectivity Abnormalities
Role: Co-Mentor 2010-2012
12. 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
13. NIDA R01DA020725, PI: Tara White, 2007-2011
Amphetamine effects on fMRI and behavior: Genetic and Personality Differences
Role: Co-Investigator
14. NIA F32AG03284701, Jason Hassenstab, 2008-2010
An FMRI study of verbal working memory in metabolic syndrome
Role: Co-Mentor
15. NIDA R03DA022137, PI: Robert Paul, 2006-2007
Functional Neuroimaging of Cognitive Dysfunction in HIV-HCV Co-Infection.
Role: Co-Investigator
16. NIDDK R01DK066787-S2, PI: Rena Wing, 2004-2007
Long-Term Weight Loss Maintenance: FMRI
Role: Co-Investigator
17. NIDA R03DA017178, PI: Tara White, 2003-2006
Individual differences in amphetamine use
Role: Co-Investigator
18. NINDS 1F32NS042404, PI: Lawrence Sweet, 2001-2003
Cognitive speed and working memory in multiple sclerosis.
Role: Principal Investigator
19. DHHS, Health Resources & Services Administration, PI: Lawrence Price, 2010
Health Care and Other Facilities (Butler Hospital Neuroimaging Center)
Role: Director, Butler Hospital Neuroimaging Center
20. Russell Sage Foundation, PI: James MacKillop, 2007-2008
Grants in Behavioral Economics: Neuroeconomics of Nicotine Dependence
Role: Co-Investigator
21. Lifespan Developmental Grant Program, PI: David Williams, 2007-2008
Exercise as a treatment for depression: exploring brain mechanisms via FMRI
Role: Co-Investigator
22. Ittleson Foundation, PI: Lawrence Sweet, 2004-2006
Age, Cardiovascular Health, FMRI and Cognitive Function
Role: Principal Investigator
23. Ittleson Foundation, PI: Ronald Cohen, 2003-2004
The effects of nicotine on brain activity during working memory
Role: Co-Investigator

24. Ittleson Foundation, PI: Ronald Cohen, 2003-2004
The effects of donepezil on brain activity in Alzheimer's disease
Role: Co-Investigator
25. Ittleson Foundation, PI: Mark Aloia, 2004-2006
The effects of treatment for sleep apnea on brain activity
Role: Co-Investigator
26. 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
27. Ittleson Foundation, PI: John Gunstad, 2005-2006
Genetic risk hypertension, visual working memory, and brain activity
Role: Co-Investigator

TEACHING AND MENTORING ROLES

COURSES AND SEMINAR SERIES

2019-present	Instructor, Advanced Topics in Psychology: NIH Training Grant Writing (PSYC 8000); taught annually
2018	Instructor, Neuropsychological Assessment (PSYC 8550); taught every three years
2017	Instructor, First Year Odyssey Seminar (FYOS 1001) Brain Structure, Function and Dysfunction (16 undergraduates)
2014-present	Instructor, Neuroanatomy (PSYCH 8300), University of Georgia Department of Psychology (five courses, average of 8 graduate students each); taught every other year
2013	Instructor, Psychopathology (PSYCH 4240), University of Georgia Department of Psychology (42 undergraduates)
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

DIRECTED STUDIES

2014-present	Supervised Center for Undergraduate Research Opportunities (CURO), University of Georgia Departments of Psychology and Biology CURO Research Courses (nine students) CURO Summer Research Fellowship (four Students)
2014-present	Directed Undergraduate Research (PSYCH 4800), University of Georgia Department of Psychology (22 students)
2009-2011	Biology 1960 Directed Research, Brown University Department of Biology (four undergraduate seniors)
2008-2010	Biology 1950 Directed Research, Brown University Department of Biology (three undergraduate seniors)

FORMAL MENTORSHIP

2021-present	Sponsor NIDA F31, Landry Huffman, Longitudinal changes in adolescent neurocognitive function and attendant risk for early substance use behaviors
2021-present	Co-Sponsor NIMH F31, PI Lisa Bartolomeo, The Neural Basis of the Positivity Offset as a Mechanism of Avolition in Schizophrenia
2020-present	Primary Mentor, NIDA K01, PI Jaiying Liu, Preventing young adult transition from ENDS use to cigarette smoking
2019-present	Mentor, Translational Education and Mentoring in Science Program, Georgia Clinical and Translational Science Alliance
2018-present.	Primary Mentor, NIDA K01DA045219, PI: Assaf Oshri, Influence of Community & Family Processes on Neurocognitive Systems linked to Early-onset Drug Use
2013-2018	Co-Mentor, VA Career Development Award, PI: Noah Philip; Early Life Stress and the Default Mode Network
2012-2017	Primary Mentor, NIMH K23MH096628, PI: Uraina Clark, Effects of Early-Life Stress on HIV-Associated Brain Dysfunction in Adults
2011-2016	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)
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)

DOCTORAL STUDENT DISSERTATION COMMITTEES (Chair indicates primary mentorship)

STUDENTS WHO EARNED A PHD

Tim Wanger, MS, Behavioral and Brain Sciences Program (Chair), 2020
Emily Hallowell, MA, Clinical Psychology Program (Chair), 2020
Sihong Liu, Human Development and Family Science, 2020
Spencer Liebel, MS, Clinical Psychology Program (Chair), 2019
Bryant Duda, MS, Clinical Psychology Program (Chair), 2019
Catherine Mewborn, MS, Clinical Psychology Program, 2019
Max Owens, MS, Behavioral and Brain Sciences Program (Chair), 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 (Chair), 2015
Cara Murphy, PhD, Clinical Psychology Program, 2015

CURRENT STUDENTS

Marissa Gogniat, Clinical Psychology Program
Ivan Ruiz, Clinical Psychology Program
Talia Robinson, Clinical Psychology Program
Shannon McNally, Clinical Psychology Program (Chair)
Heidi Sarles-Whittlesey, Clinical Psychology Program (Chair)
Britni Surprenant, Clinical Psychology Program (Chair)
Josh McMains, Behavioral and Brain Sciences Program (Chair)
Erin Jones, Clinical Psychology Program (Chair)

GRADUATE STUDENT MASTERS COMMITTEES (Chair indicates primary mentorship)

STUDENTS WHO EARNED A MASTER OF SCIENCE DEGREE

Erin Jones, Clinical Psychology Program, 2021 (Chair)
Landry Goodgame Huffman, Interdisciplinary Neuroscience Program, 2021
Lisa Bartolomeo, Clinical Psychology Program, 2021
Shannon McNally, Clinical Psychology Program, 2020 (Chair)
Ivan Ruiz, Clinical Psychology Program, 2019
Talia Robinson, Clinical Psychology Program, 2019
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

CURRENT STUDENTS

Ian Raugh, Clinical Psychology Program
Jade Dandurand, Clinical Psychology Program (Chair)
Holly Fleischmann, Clinical Psychology Program (Chair)
Kassidy Hogan, Clinical Psychology Program (Chair)

LIST OF COURSES TAUGHT FOR ACADEMIC CREDIT

COURSES

FYOS 1001 Brain Structure, Function, and Dysfunction
PSYC 4240 Psychopathology
PSYC 5100 Special Topics: Neuropsychological Assessment
PSYC 8300 Neuroanatomy
PSYC 8550 Neuropsychological Assessment
PSYC 8000 Advanced Topics in Psychology: NIH Grant Writing

DIRECTED STUDIES

Brown University
Biology 1950
Biology 1960

University of Georgia
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