

HADLEY C BERGSTROM, Ph.D.

Vassar College
Department of Psychological Science
Program in Neuroscience & Behavior
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EDUCATION

PhD , Psychology George Mason University, Fairfax VA	2005 - 2009
MA , Psychology George Mason University, Fairfax VA	2003 - 2005
BS , Psychology The University of Oregon, Eugene OR	1995 - 1999

PROFESSIONAL APPOINTMENTS

Associate Professor Vassar College Department of Psychological Science Program in Neuroscience and Behavior	2022-present
Assistant Professor Vassar College Department of Psychological Science Program in Neuroscience and Behavior	2015-2022
Postdoctoral Fellow National Institutes of Health National Institute on Alcohol Abuse and Alcoholism Laboratory of Behavioral and Genomic Neuroscience	2013-2015
Postdoctoral Fellow Walter Reed National Military Medical Center Uniformed Services University of the Health Sciences F. Edward Hébert School of Medicine Department of Psychiatry Center for the Study of Traumatic Stress	2009-2013
Adjunct Professor The Institute for Psychological Sciences Clinical Psychology	2010-2013
Adjunct Professor	2010

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George Mason University
Department of Psychology

Research Assistant

2000-2003

Oregon Health Sciences University
Department of Behavioral Neuroscience

ARTICLES

Google Scholar profile: cumulative citations = 2116, *h*-index = 27

1. Rajani Subramanian, **Avery Bauman**, **Olivia Carpenter**, **Chris Cho**, **Gabrielle Coste**, **Ahona Dam**, **Kasey Drake**, **Sara Ehnstrom**, **Naomi Fitzgerald**, **Abigail Jenkins**, **Hannah Koolpe**, **Runqi Liu**, **Tamar Paserman**, **David Petersen**, **Diego Scala Chavez**, **Stefano Rozental**, **Hannah Thompson**, **Tyler Tsukuda**, **Sasha Zweig**, Megan Gall, Bojana Zupan, Hadley Bergstrom (2024). An Infralimbic Neuronal Ensemble Encoded During Learning Attenuates Fear Generalization Expression. *BioRxiv*. <https://doi.org/10.1101/2024.08.18.608308>
2. Lawson K, Scarlata M, Cho C, Mangan C, Petersen D, Thompson H, Ehnstrom S, Mousley AL, Bezek JL, **Bergstrom HC** (2022). Adolescence alcohol exposure impairs fear extinction and alters medial prefrontal cortex plasticity. *Neuropharmacology*. 211:109048. PMID: 35364101
3. Geary CG, Wilk VC, Barton KL, Jefferson PO, Binder T, Bhutani V, Baker C, Fernando-Peiris AJ, Mousley AL, Rozental SFA, Thompson HM, Touchon JC, Esteban DJ, **Bergstrom HC** (2021). Sex differences in gut microbiota modulation of aversive conditioning, open field activity, and basolateral amygdala dendritic spine density. *The Journal of Neuroscience Research*. 99(7):1780-1801. PMID: 33951219
4. **Bergstrom HC**, Lieberman AB, Graybeal C, Lipken A, Holmes A (2020). Dorsolateral striatum engagement during reversal learning. *Learning & Memory*. 27: 418-422. PMID: 32934094 **Cover Illustration and featured article**
5. **Bergstrom HC** (2020). Assaying fear memory discrimination and generalization: Methods and concepts. *Current Protocols in Neuroscience*. 91(1). PMID: 31995285
6. Sangha S, Diehl MM, **Bergstrom HC**, Drew MR (2020). Know safety, no fear. *Neuroscience and Biobehavioral Reviews*. 108: 218-230. PMID: 31738952
7. Scarlata MJ, Lee SH, Lee D, Kandigian AJ, Hiller AJ, Dishart JG, Mintz GE, Wang Z, Coste G, Mousley A, Soler I, Lawson K, Ng AJ, Bezek JL, **Bergstrom HC** (2019). Chemogenetic stimulation of the infralimbic cortex reverses alcohol-induced fear memory overgeneralization. *Scientific Reports*. 9(1): 6730. PMID: 31040357
8. Prager EM, Chambers KE, Plotkin JL, McArthur DL, Bandrowski AE, Bansal N, Martone ME, **Bergstrom HC**, Bernalov A, Graf C (2019). Improving transparency and scientific rigor in academic publishing. *The Journal of Neuroscience Research*. 97(4): 377-390. PMID: 30506706
 - a. *Note*: This article was co-published in the journals *Brain & Behavior* and *Cancer Reports*.

9. Piantadosi PT, Lieberman AG, Pickens CL, **Bergstrom HC**, and Holmes A (2018). A novel multichoice touchscreen paradigm for assessing cognitive flexibility in mice. *Learning & Memory*. 26(1):24-30 PMID: 30559117 **Cover Illustration and featured article**
10. Jacques A, Wright A, Chaaya N, Overell A, **Bergstrom HC**, McDonald C, Battle AR, Johnson LR (2018). Functional neuronal topography: A statistical approach to micro-mapping neuronal location. *Frontiers in Neuronal Circuits*. 12: 84. PMID: 30386215
11. Pollack GA, Bezek JL, Lee SH, Scarlata MJ, Weingast LT, **Bergstrom HC** (2018). Cued fear memory generalization increases over time. *Learning & Memory*. 25(7): 298-308. PMID: 29907637 **Cover Illustration and featured article**
12. **Bergstrom HC**, Lipkin AM, Lieberman AG, Pinard CR, Gunduz-Cinar O, Brockway ET, Taylor WW, Nonaka M, Bukalo O, Wills TA, Rubio FJ, Li X, Pickens CL, Winder DG, Holmes A (2018). Dorsolateral striatum engagement interferes with early discrimination learning. *Cell Reports*. 23(8):2264-2272 PMID: 29791838
13. Jury N, Pollack G, Ward M, Bezek J, Ng A, Pinard C, **Bergstrom H**, Holmes A (2017). Chronic ethanol during adolescence impacts corticolimbic dendritic spines and behavior. *Alcoholism: Clinical and Experimental Therapeutics*. 41(7):1298-1308 PMID: 28614590
14. Ehlinger DG, Burke JC, McDonald CG, Smith RF, **Bergstrom HC** (2017). Nicotine-induced and D1-receptor dependent dendritic remodeling in a subset of dorsolateral striatum medium spiny neurons. *Neuroscience*. 356: 242-254 PMID: 28576726
15. **Bergstrom HC** and Pinard CR (2017). Corticolimbic Circuits in Learning, Memory, and Disease. *The Journal of Neuroscience Research*. 95(3): 795-796 PMID: 28094866. **Cover Illustration**
16. **Bergstrom HC** (2016). The Neurocircuitry of Remote Cued Fear Memory. *Neuroscience & Biobehavioral Reviews*. 71: 409-417 PMID: 27693699
17. Ehlinger DG, **Bergstrom HC**, Burke JC, Fernandez GF, McDonald CG, Smith RF (2016). Adolescent nicotine-induced dendrite remodeling in the nucleus accumbens is rapid, persistent, and D1-dopamine receptor dependent. *Brain Structure and Function*. 221(1): 133-145 PMID: 25257604
18. Romano Bergstrom JC, Olmsted-Hawala E, **Bergstrom HC** (2016). Older adults fail to see the periphery during a Website search task. *Universal Access in the Information Society*. 15(2): 261-270. DOI: 10.1007/s10209-014-0382-z
19. **Bergstrom HC**, Darvesh AS, Berger SP (2015). Inducible nitric oxide inhibitors block NMDA antagonist-stimulated motoric behaviors and cortical glutamate efflux. *Frontiers in Pharmacology*. 6; 292. PMID: 26696891
20. Castro-Gomes V, **Bergstrom HC**, McGuire JL, Parker CC, Coyner J, Landeira-Fernandez, Ursano RJ, Palmer AA, Johnson LR (2016). Lateral amygdala dendritic morphology and spine patterning in a fear memory resistant and susceptible mouse line. *Neurobiology of Learning and Memory*. 127:64-71 PMID: 26642919.
21. Prager EM, **Bergstrom HC**, Wynn GH, Braga MF (2016). The basolateral amygdala γ -aminobutyric acidergic system in Health and Disease. *The Journal of Neuroscience Research*. 94(6): 548-67 PMID: 26586374

22. Smith RF, McDonald CG, **Bergstrom HC**, Ehlinger D, Brielmaier JM (2015) Adolescent nicotine induces persisting changes in development of neural connectivity. *Neuroscience & Biobehavioral Reviews*. 55: 432-443. PMID:26048001
23. Fitzgerald PJ, Pinard C, Camp MC, Feyder M, Sah A, **Bergstrom HC**, Graybeal C, Liu Y, Grant S, Singewald N, Xu W, Holmes A (2015). Durable fear memories require PSD-95. *Molecular Psychiatry*. 20(7): 901-912. PMID: 25510511. **Cover Illustration and featured article**
24. **Bergstrom HC** & Johnson LR (2014) An organization of visual and auditory fear conditioning in the lateral amygdala. *Neurobiology of Learning and Memory*. 116: 1-13 PMID: 25076183.
25. McGuire JM, **Bergstrom HC**, Parker CC, Le T, Morgan M, Tang H, Selwyn RG, Silva AC, Choi K, Ursano RJ, Palmer AA, Johnson LR (2013). Traits of fear resistance and susceptibility in an advanced intercross line. *European Journal of Neuroscience*. 38 (9): 3314-3324 PMID: 23968228
26. **Bergstrom HC**, McDonald CG, Dey S, Tang H, Selwyn RG, Johnson LR (2013). The structure of Pavlovian fear conditioning in the amygdala. *Brain Structure and Function*. 218 (6): 1569-1589 PMID: 23179863
27. **Bergstrom HC**, McDonald CG, Dey S, Fernandez GM, Johnson LR (2013). Neurons activated during fear memory consolidation and reconsolidation are mapped to a common and new topography in the lateral amygdala. *Brain Topography*. 26(3): 468-78 PMID: 23322210
28. Ehlinger DG, **Bergstrom HC**, McDonald CG, Smith RF (2012). Nicotine-induced dendritic remodeling in the insular cortex. *Neuroscience Letters*. 516 (1): 89-93 PMID: 22487730
29. Prager EM, **Bergstrom HC**, Grunberg NE, Johnson LR (2011). The importance of reporting housing and husbandry in rat research. *Frontiers in Behavioral Neuroscience*, 5: 38 PMID: 21847375
30. **Bergstrom HC**, McDonald CG, Johnson LR (2011). Pavlovian fear conditioning activates a common pattern of neurons in the lateral amygdala of individual brains. *PLoS ONE*. 6(1): e15698 PMID: 21264324
31. Prager EM, Brielmaier J, **Bergstrom HC**, McGuire J, Johnson LR (2010). Localization of mineralocorticoid receptors at Mammalian synapses. *PLoS ONE*. 5(12): e14344. PMID: 21179518
32. **Bergstrom HC**, Smith RF, Mollinedo NS, McDonald CG (2010). Chronic nicotine exposure produces lateralized, age-dependent dendritic remodeling in the rodent basolateral amygdala. *Synapse*. 64(10): 754-64 PMID: 20336623
33. Falco AM, **Bergstrom HC**, Bachus SE, Smith RF (2009). Persisting changes in basolateral amygdala mRNAs after chronic ethanol consumption. *Physiology & Behavior*, 96(1): 169-73 PMID: 18938187
34. **Bergstrom HC**, McDonald CG, French HT, Smith RF (2008). Continuous nicotine administration produces selective, age-dependent structural alteration in pyramidal neurons from prelimbic cortex. *Synapse*, 62(1): 31-9 PMID: 17957736
35. McDonald CG, Eppolito AK, Brielmaier JM, Smith LN, **Bergstrom HC**, Lawhead MR, Smith RF (2007). Evidence for elevated nicotine-induced structural plasticity in nucleus accumbens of adolescent rats. *Brain Research*, 1151:211-8 PMID: 17418110

36. Smith LN, McDonald CG, **Bergstrom HC**, Brielmaier JM, Eppolio AK, Falco AM, Smith RF (2006). Long-term changes in fear conditioning and anxiety-like behavior following nicotine exposure in adult versus adolescent rats. *Pharmacology, Biochemistry and Behavior* 85(1):91-97, PMID: 16919320
37. **Bergstrom HC**, McDonald CG, Smith RF (2006). Alcohol exposure during adolescence impairs auditory fear conditioning in adult Long-Evans rats. *Physiology & Behavior* 88(4-5):466-472, PMID: 16753191
38. McDonald CG, Dailey VK, **Bergstrom HC**, Wheeler TL, Eppolito AK, Smith LN, Smith RF (2005). Periadolescent nicotine administration produces enduring changes in dendritic morphology of medium spiny neurons from nucleus accumbens. *Neuroscience Letters* 385: 163-167, PMID: 15955627
39. **Bergstrom HC**, Palmer AA, Wood R, Burkhart-Kasch S, McKinnon CS, Phillips TJ (2003). Reverse selection for differential response to the locomotor stimulant effects of ethanol provides evidence for pleiotropic genetic influence on locomotor response to other drugs of abuse. *Alcoholism: Clinical and Experimental Research* 27(10): 1535-1547, PMID: 14574223
40. Boehm SL III, Piercy MM, **Bergstrom HC**, and Phillips TJ (2002). Ventral tegmental area region governs GABAB receptor modulation of ethanol-stimulated activity in mice. *Neuroscience* 115, 1, 185-200, PMID: 12401333
41. Palmer AA, McKinnon CS, **Bergstrom HC**, Phillips TJ (2002). Locomotor activity responses to ethanol, other alcohols, and GABAA acting compounds in forward and reverse selected FAST and SLOW mouse lines. *Behavioral Neuroscience* 116, 6, 958-967, PMID: 12492294

GRANTS and GIFTS

External

National Science Foundation

NSF (PI) "Equipment: MRI: Track 1 Acquisition of a Confocal Microscope for Research and Teaching at Vassar College"

\$884,934 (total costs)

10/1/2023 – 9/30/2026

National Institutes of Health

R15MH127534 (PI), "Identification of neuronal ensembles mediating fear generalization in the infralimbic cortex."

\$438,107.00 (total costs)

6/1/2021 – 05/31/2025

P50AA017823 subaward (PI), "Neurodevelopmental consequences of binge alcohol drinking on fear extinction expression and medial prefrontal cortex plasticity."

\$113,972.00 (total costs)

9/2/2019 – 8/31/2021

Internal

Vassar Technology Fund	\$3,465.00	2016
Committee on Research	\$3,000.00	2016
Committee on Research	\$4,270.00	2017
Committee on Research	\$4,963.25	2018
The Asprey Center	\$468.00	2017

7. "The Passage of Time, Alcohol Exposure, and Fear Generalization" (October 2017). Presented at the Neuroscience "Brown Bag" at Boston College, Chestnut Hill MA
8. "Fear memory generalization, extinction performance and alcohol exposure" (February 2017). Presented at the Developmental Exposure Alcohol Research Center (DEARC) colloquium series, University of Binghamton, Binghamton NY
9. "Towards an organization of memory in the brain: from local networks to distributed systems" (June 2016). Delivered the keynote address at the annual Rondout Valley High School Science Research Symposium
10. "Reward learning recruits multiple interacting circuits in the dorsal striatum" (October 2015). Presented at the Psychology Department Lecture Series. Vassar College. Poughkeepsie NY
11. "Differentiating the Contribution of the Dorsolateral and Dorsomedial Striatum to Reward Learning" (June 2015) Presented at the NIAAA Summer Seminar Series. National Institute on Alcohol Abuse and Alcoholism, Rockville, MD
12. "Differentiating the Contribution of the Lateral and Medial Dorsal Striatum to Reward Learning" (January 2015). Presented at the Winter Conference on Learning and Memory. Park City, Utah.
13. "Towards an organization of the memory trace: From local circuits to distributed systems." (December 2014) Presented at Vassar College, Department of Psychology research colloquium.
14. "Optogenetic control of dorsostriatal-mediated reward learning" (September 2014) Presented at the NIH Research Festival symposium entitled "Optogenetic Approaches to Investigating the Brain". National Institutes of Health, Bethesda, MD
15. "Optogenetic control of dorsostriatal-mediated reward learning" (April 2014) Presented at George Mason University Students in Neuroscience "Symposium on Neuroscience." George Mason University, Fairfax, VA.
16. "Towards an organization of the memory trace: From local circuits to distributed systems." (April 2014) Presented at the Cognitive and Behavioral Neuroscience Department "Brown Bag" Seminar Series, George Mason University, Fairfax VA.
17. "Towards an organization of the memory trace: From local circuits to distributed systems." (January 2014) Presented at The University at Albany, State University of New York Department of Psychology research colloquium.
18. "Fear memory updating reorganizes an existing trace in the rat dorsolateral amygdala" (May 2013) Presented at the Postdoctoral Fellows Association Seminar Series, Walter Reed National Military Medical Center, Bethesda MD
19. "The microstructure of Pavlovian fear conditioning in the lateral amygdala" (October 2012) Presented at the Cognitive and Behavioral Neuroscience Department Brown Bag Seminar Series, George Mason University, Fairfax VA
20. "Manganese-enhanced MRI for phenotyping brain-wide activity in a mouse model of fear learning and memory" (October 2012) Presented at the Society for Neuroscience Memory Systems Symposium, "Independence and Interaction of Multiple Memory Systems." New Orleans, LA

21. “Neuron Topography and Fear Memory Formation in the Lateral Amygdala” (March 2010) Presented at the Postdoctoral Fellows Association Seminar Series, Walter Reed National Military Medical Center, Bethesda, MD

TEACHING

UNDERGRADUATE

Vassar College, *Instructor*

Semester	Course	Title
Fall 2015	PSYC 105	Introduction to Psychology
Fall 2015	PSYC 241	Principles of Physiological Psychology
Spring 2016	NEUR 201	Models and Systems in Neuroscience
Fall 2016	PSYC 105	Introduction to Psychology
Fall 2016	PSYC 241	Principles of Physiological Psychology
Fall 2016	PSYC 397	Senior Empirical Thesis
Spring 2017	NEUR 201	Models and Systems in Neuroscience
Spring 2017	PSYC 398	Senior Empirical Thesis
Fall 2017	<i>Sabbatical</i>	
Spring 2018	NEUR 201	Models and Systems in Neuroscience
Spring 2018	PSYC 105	Introduction to Psychology
Fall 2018	NEUR 201	Models and Systems in Neuroscience
Fall 2018	PSYC 105	Introduction to Psychology
Spring 2019	PSYC 241	Principles of Physiological Psychology
Spring 2019	PSYC 321	Seminar in Learning and Behavior
Fall 2019	PSYC 241	Principles of Physiological Psychology
Fall 2019	PSYC 341	Seminar in Physiological Psychology
Spring 2020	PSYC 321	Seminar in Learning and Behavior
Spring 2020	PSYC 249	Research Methods in Physiological Psychology
Fall 2020	<i>Sabbatical</i>	
Spring 2021	PSYC 249	Research Methods in Physiological Psychology
Fall 2021	PSYC 321	Seminar in Learning and Behavior
Fall 2021	PSYC 241	Principles of Physiological Psychology
Spring 2022	PSYC 105	Introduction to Psychology
Spring 2022	NEUR 301	Seminar in Neuroscience
Fall 2022	PSYC 249	Research Methods in Physiological Psychology
Spring 2023	PSYC 241	Principles of Physiological Psychology

George Mason University, *Instructor*

Semester	Course	Title
Summer 2010	PSYC 372	Physiological Psychology

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Spring 2010

PSYC 372

Physiological Psychology

George Mason University, *Graduate Student Instructor*

Semester	Course	Title
Summer 2008	PSYC 372	Physiological Psychology
Fall 2007	PSYC 375	Brain & Behavior I
Summer 2007	PSYC 372	Physiological Psychology
Spring 2007	PSYC 376	Brain & Behavior II
Fall 2006	PSYC 372	Physiological Psychology
Spring 2006	PSYC 372	Physiological Psychology
Fall 2005	PSYC 372	Physiological Psychology

George Mason University, *Invited lectures*

Semester	Course	Title
Fall 2006	PSYC 375	Neurobiology of attention
Fall 2013	NEUR 410	Neuroscience methods

GRADUATE

The Institute for Psychological Sciences, *Instructor*

Semester	Course	Title
Fall 2013	PSYC 822	Biological Basis of Behavior
Fall 2012	PSYC 822	Biological Basis of Behavior
Fall 2011	PSYC 822	Biological Basis of Behavior
Fall 2010	PSYC 822	Biological Basis of Behavior

Walter Reed National Military Medical Center, School of Medicine, *Invited Lecture*

Semester	Course	Title
Fall 2012	NS 0530	Animal Models of Learning and Memory

SERVICE TO THE DEPARTMENT AND COLLEGE

Psychological Science department committees

Committee	Term	Role
Program/Speakers	2018-2019	Member
Communications	2016-present	Member
Computing A/V	2018-present	Member
Equipment & Space	2018-2019	Member
“On My Mind” organizer	2021-present	Chair

College-wide committees

Committee	Term	Role
Institutional Biosafety Committee	2016-present	Member
Committee on Research Facilities	2018	Member

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Committee on Research	2018-2020	Member
Committee on Academic Technology	2019-present	Chair
IACUC	2021-present	Member
URSI	2021-2023	Assistant director
URSI	2024-2025	Director
IACUC	2023-present	Chair

GRADUATE SUPERVISORY EXPERIENCE

Gina Hernandez, Dissertation Committee, George Mason University

Title: *The effect of activity levels and age on single trial nicotine conditioned place preference and the effect of dosing context and age on phosphorylated MAPK counts in the nucleus accumbens and basolateral amygdala.*

Dan Ehlinger, Ad hoc Dissertation Committee, George Mason University

Dissertation Title: *Rapidly Emerging Adolescent Nicotine-Induced Dendritic Remodeling Is D1-Dopamine Receptor Dependent*

Roman Lokhmotov, Dissertation Committee member, The Institute for Psychological Science

Dissertation Title: *Addiction as self-object: An integrated analysis of self-psychological and neurobiological models of nicotine addiction*

MENTORSHIP

Name	Years in lab	Current institution	Current position
Olivia Carpenter	2021-	<i>tbd</i>	
Kasey Drake	2021-	<i>tbd</i>	
Vivika Shepperd	2021-2022	Northeastern University	PhD student, Neuroscience
Noah Addinger	2021-	<i>tbd</i>	
Diego Scala Chavez	2021-2022	Wiell Cornell Medical	Research Assistant
Chris Cho	2020-2022	Project Horseshoe Farm	Community Health Fellow
Charles Mangan	2020-2022	Fullbright Scholar	
Abigail Jenkins	2020-2022	UTSouthwestern	MD student
Sara Ehnstrom	2020-2022	Harvard University	Research Assistant
Hannah Thompson	2019-		

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David Petersen	2020-	Columbia University	Research Assistant
Akshay Rana	2020	The University of Washington	Research Assistant
Stefano Rozental	2018-2020	Darthmouth University	Medical School
Tea Binder	2019-2020	The Branding Mimimalist	CEO and Founder
Alexa Mousley	2016-2020	University of Cambridge	PhD student, Neuroscience
Victoria Wilk	2017-2020	The University of Washington	MD student
Gabrielle Coste	2017-2020	Johns Hopkins University	Research Assistant
Katherine Barton	2017-2020	<i>tbd</i>	Medical Assistant/applying to medical school
Miranda Scarlata	2016-2019	University of Oxford	MPH graduate student
Jessica Bezek	2016-2019	The University of Michigan	PhD student, Neuroscience
Alexandra Ng	2016-2019	Boston College	PhD student, Neuroscience
Katherine Lawson	2017-2019	University of California, Irvine	PhD student, Neuroscience
Serena Lee	2016-2018	Case Western Reserve	MD student
Daniel Lee	2016-2018	KalVista Pharmaceuticals	Research Scientist
Shenandoah Wrobel	2016-2018	Stanford University	PhD student, Neuroscience and Bioengineering
Ivan Soler	2017-2018	Icahn School of Medicine at Mt. Sinai	PhD student, Neuroscience
Gabrielle Mintz	2017-2018	University of Arizona	MD student
Julian Dishart	2017-2018	University of California, Berkeley	PhD student, Neuroscience
Abigail Hiller	2017-2018	University of Massachusetts	MD/PhD student
Ziwen Wang	2017-2018	Johns Hopkins University	PhD student, Psychology and Brain Science.
Savannah Kandigian	2016-2018	Yale University	PhD student, Molecular Medicine, Pharmacology, and Physiology
Siqi Fan	2016-2018	Yale University	PhD student, Neuroscience
Leah Weingast	2015-2017	Columbia University	MA student, Clinical

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Gabrielle Pollack	2015- 2017	Hofstra/ Zucker School of Medicine	MD student
Meredith Ward	2015- 2016	Smith College	MSW student

ASSOCIATE EDITOR

The Journal of Neuroscience Research

REVIEW EDITOR

Frontiers in Behavioral Neuroscience, Review editor
Frontiers in Behavioral Neuroscience, *Learning & Memory*, Review editor
Frontiers in Behavioral Neuroscience, *Motivation & Reward*, Review editor

REVIEWER

Neuropharmacology, Frontiers in Behavioral Neuroscience, Frontiers in Integrative Neuroscience, Frontiers in Molecular Neuroscience, PLoS ONE, Brain Structure and Function, International Journal of Developmental Neuroscience, Physiology & Behavior, The Journal of Neuroscience Research, The Neurobiology of Learning and Memory, American Journal of Medical Genetics Part C: Seminars in Medical Genetics, Behavioural Brain Research, Brain Research, Alcoholism: Clinical and Experimental Research, Hippocampus, Genes, Brain, and Behavior, Scientific Report, Neuropharmacology, Neuropsychopharmacology, Brain Science, Learning & Memory

GRANT REVIEWER

Reviewed a grant submission for the “Fondation pour la Recherche Médicale” (FRM, www.frm.org), a French private foundation that supports excellence in medical research.

Reviewed a grant submission for a National Sciences and Engineering Grant Research Council of Canada (NSERC) Discovery Grant proposal.

Reviewed a grant for the Fédération pour la Recherche sur le Cerveau (FRC), a French private foundation that supports neuroscience research.

PRESS

“Mini-scope reveals workings of the brain” (2018) Vassar Stories. <https://stories.vassar.edu/2018/180817-mini-scope-reveals-workings-of-the-brain.html>

“The corticolimbic system in health: Implications for learning, memory and disease” (2017) Advanced Science News. <http://www.advancedsciencenews.com/corticolimbic-system-health-disease/>

“Drinking during adolescence can alter brain cell nerve growth” (2017) ScienceDaily. <https://www.sciencedaily.com/releases/2017/06/170614210919.htm>

“Psychologists explain why food memories can feel so powerful” (2017) The Huffington Post http://www.huffingtonpost.com/entry/power-of-food-memories_us_5908b1d7e4b02655f8413610

“Let There Be Light” (2014) NIH Intramural Blog <http://irp.nih.gov/blog/post/2014/11/let-there-be-light>

“Let’s Light Up the Brain” (2014) NIH Catalyst. <http://irp.nih.gov/catalyst/v22i5>

“Learning rewires the brain” (2014) Science News for Students. <https://student.societyforscience.org/article/learning-rewires-brain>

“Stress: The roots of resilience” (2012) Nature news feature. <http://www.nature.com/news/stress-the-roots-of-resilience-1.11570>

“Bethesda Scientists use NeuroLucida to Map Memories in the Brain.” (2012) MBF Biosciences. <http://www.mbfbioscience.com/blog/2011/03/bethesda-scientists-use-neuroLucida-to-map-memories-in-the-brain/>

PROFESSIONAL MEMBERSHIP

1. 2016-present New York Academy of Sciences, member
2. 2008-present Sigma Xi full member
3. 2004-present Society for Neuroscience (SfN), member
4. 2007-present International Behavioural Neuroscience Society (IBNS), member
5. 2006-2009 Research Society on Alcoholism (RSA), student member