

Michael T. Treadway, Ph.D.

Curriculum Vitae

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Department of Psychology

Emory University

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Academic Appointments

2020 – Present	Winship Distinguished Research Professor in Psychology
2019 – Present	Associate Professor with Tenure
2015 – 2019	Assistant Professor Department of Psychology Department of Psychiatry and Behavioral Sciences Emory University
2012 – 2015	Instructor in Psychiatry Harvard Medical School/McLean Hospital, Belmont, MA

Education & Training

2011 – 2012	Harvard Medical School/McLean Hospital, Belmont, MA <i>Clinical Fellow/Psychology Intern</i>
2006 – 2012	School of Arts and Sciences, Vanderbilt University, Nashville, TN <i>PhD in Clinical Science</i>
1996 – 2001	Columbia College, Columbia University, New York, NY <i>BA: Concentration in Musicology, Cum Laude</i>

Awards and Honors (selected)

2020	Distinguished Scientific Award for Early Career Contribution in the area of Psychopathology – American Psychological Association (APA)
2020	Randolph Blake Early Career Award – Vanderbilt University
2019	Janet Taylor Spence Award for Transformative Early Career Contributions – Association for Psychological Science (APS)
2019	Early Career Impact Award – Federation of Associations in Behavioral and Brain Sciences (FABBS)
2016	Rising Star Award – Association for Psychological Science (APS)

2013	Young Investigator Award – Brain and Behavioral Research Foundation (BBRF) (\$60,000)
2012	Adam Corneel Young Investigator Award – McLean Hospital (\$20,000)
2012	Graduate Student Research Award – Vanderbilt University (\$500)
2010	Dissertation Award – American Psychological Association (APA) (\$1,000)
2010	Dissertation Enhancement Award – Vanderbilt University (\$2,000)
2010	Motivational Neural Networks Travel Award (\$500)
2009	Graduate Research Fellowship – APF/COGDOP (\$1,000)
2009	Trainee Abstract Award – Organization for Human Brain Mapping (\$750)
2006	University Fellowship, <i>Vanderbilt University</i>
2001	Graduated <i>cum laude</i> , <i>Columbia University</i>

Extramural Funding

Current

R01 MH126083	(PI: Treadway)	2022-2026
NIH/NIMH		\$3,856,416
Title: Glutamatergic adaptation to stress as a mechanism for anhedonia and treatment response with ketamine		
Role: Principal Investigator		
R01 MH126985	(MPI: Craighead/Treadway)	2022-2027
NIH/NIMH		\$3,852,012
Title: Multi-level Mechanisms of Behavioral Activation Therapy for Adolescent Depression		
Role: MPI		
I3 Innovation Award	(MPI: Fani/Treadway)	2023-2024
Emory School of Medicine		\$50,000
Title: Focal Temporal Interference Deep Brain Stimulation to Modulate Attentional Control in Adults		
Role: MPI		
R01 MH131910	(PI: Goldsmith)	2023-2028
NIH/NIMH		\$2,372,492
Title: Targeting inflammation-induced changes in brain reward signaling and motivational deficits in patients with schizophrenia using an anti-inflammatory challenge.		
Role: Co-investigator		
R01 MH132059	(PI: Haroon)	2023-2028
NIH/NIMH		\$3,438,680
Title: Leucine as a probe of kynurenine-induced glutamate and neural circuit function in depression.		
Role: Co-investigator		
R21 MH119622	(PI: Treadway).	2020-2024
NIH/NIMH		\$429,000

Title: Transdiagnostic and disorder-specific effects of immune and metabolic factors on motivational deficits across mood and psychotic disorders

Role: Principal Investigator

R25 MH101079 (MPI: Miller/Treadway/Goldsmith) 2015–2026
NIH/NIMH \$1,061,760

Title: Emory psychiatry clinical scientist training program

Role: MPI

R01 MH109637 (PI: Stevens) 2020–2025
NIH/NIMH \$3,471,654

Title: Computationally-modeling informed reward sub-groups in adolescent ADHD

Role: PI of Emory Sub-Award

R01 MH120262 (MPI: Nye, Bremner) 2020–2024
NIH/NIMH \$3,844,200

Title: Dopamine function, inflammation and connectivity in PTSD

Role: Co-I

R61 MH121625 (PI: Felger) 2020–2025
NIH/NIMH \$1,406,314

Title: Dopaminergic Therapy for Inflammation-Related Anhedonia in Depression.

Role: Co-I

Completed

R01 MH108605 (PI: Treadway) 2016-2023
NIH/NIMH \$2,116,136

Title: Dynamics of inflammation and its blockade on motivational circuitry in depression

Role: Principal Investigator

ENPRC Pilot Grant (MPI: Treadway/Michopoulos) 2022-2023
Emory University \$69,795

Title: Social determinants of maladaptive glutamate responses to stress in non-human primates

Role: MPI

R01 MH109637 (PI: Felger) 2016–2021
NIH/NIMH \$2,654,980

Title: Inflammation effects on corticostriatal connectivity and reward: role of dopamine

Role: Co-I

R44 MH125480 (PI: Barnum) 2020–2023
NIH/NIMH \$739,739

Title: Effects of the Next Generation TNF Inhibitor (XPro1595) on Inflammation-related Deficits in Reward Circuitry and Motivation in Depression.

Role: Co-I

Conte Center Pilot Grant (MPI: Cooper/Treadway) 2021-2022
 Emory University \$22,270
Title: Identifying a distinct circuit for social motivation and its impairment with computational fMRI and TMS
Role: MPI

K99/R00 MH102355 (PI: Treadway) 2013–2018
 NIH/NIMH \$892,708
Title: Stress and MDD effects on mPFC Glutamate and GABA during reward processing
Role: PI

F31 MH087015 (PI: Treadway) 2009-2012
 NIH/NIMH \$56,806
Title: Neural mechanisms of effort-based reward in humans
Role: PI

Grants and Fellowships Awarded to Trainees

K01 MH1226308 (PI: Cooper) 2022-2027
Title: From stress to anhedonia: examining inflammation and altered glutamate function as distinct or common etiological pathways
Role: Primary mentor

K01 MH126308 (PI: Cooper) 2022-2027
Title: From stress to anhedonia: examining inflammation and altered glutamate function as distinct or common etiological pathways
Role: Primary mentor

F31 MH127911 (PI: Suzuki) 2022-2025
Title: Prediction error and motivated actions: Testing a specific mechanism of behavior in ecologically-valid contexts
Role: Primary mentor

K23 MH123816 (PI: LoPilato) 2020-2024
Title: Multi-level mechanisms of emotion regulation strategy selection in adolescents
Role: Secondary mentor

F32 MH1159692 (PI: Cooper) 2018-2022
Title: Motivational anhedonia: neurocomputational mechanisms and temporal dynamics
Role: Primary mentor

K23 MH114037 (PI: Goldsmith) 2018-2023
Title: Impact of inflammation on reward circuits, motivational deficits and negative symptoms

in schizophrenia.

Role: Secondary mentor

K23 MH114037 (PI: Morris) 2019-2024

Title: Characterizing constructs of motivation and the midbrain dopaminergic system in depression with ultra-high field MRI

Role: External consultant

F31 MH113275 (PI: Culbreth) 2017-2019

Title: Cognitive effort avoidance in psychotic disorders

Role: External consultant

DGE-1444932 (PI: Arulpragasam) 2016-2019

Title: NSF graduate research fellowship

Role: Primary mentor

Peer-Reviewed Publications

Publication Metrics (as of April 2024)

Total Google Scholar Citations: **15,073**

Google Scholar h-index: **44**

Google Scholar i10-index: **68**

Designation of Trainee Co-Authors

^g = Graduate Trainee; ^p = Post-Doctoral Trainee; ^s = Post-baccalaureate Staff Member Trainee;

^u = Undergraduate Trainee; ^j = Junior Faculty Trainee

Other Indicators:

*Papers with > 100 citations

§Equal authorship contribution

1. Pratt, D. N., **Treadway, M. T.**, Strauss, G. P., Mittal, V. A. (*in press*). Diminished Differentiation of Rewards in Individuals at Clinical High-Risk for Psychosis. *Eur Arch Psychiatry Clin Neurosci*.
2. Rotem D Whitton A.E., **Treadway, M.T.**, Rutherford A. Kumar P., Ironside M., Kaiser, R. Ren, B. Pizzagalli, D.A. (*in press*). Brain-based graph-theoretical predictive modeling to map the trajectory of anhedonia, impulsivity, and hypomania from the human functional connectome. *Neuropsychopharmacology*.
3. Whitton, A.E., Cooper, J.A., Merchant, J.T., **Treadway, M.T.** & Lewandowski, K.E. (*in press*). Using computational phenotyping to identify divergent strategies for effort allocation across the psychosis spectrum. *Schizophrenia Bulletin*.

4. Etuk, S.M., Treadway, M.T. (*in press*) Towards translational biomarkers for motivation: A commentary on Noback et al. *Cognitive, Affective, and Behavioral Neuroscience*.
5. Ryan, J.R.,^P **Treadway, M.T.** (2024). Transdiagnostic or disorder-specific? Altered reinforcement learning in depression and schizophrenia. *Brain*, 147, 5-6.
6. Fani, N., **Treadway, M.T.** (2023). Potential applications of temporal interference deep brain stimulation for the treatment of transdiagnostic conditions in psychiatry. *Neuropsychopharmacology*, ePub Jul 31.
7. Swales, D. A., Lozza-Fiacco, S., Andersen, E. H., Cooper, J. A., Treadway, M. T., Xia, K., Schiller, C. E., Girdler, S. S., & Dichter, G. S. (*in press*). Hormone sensitivity predicts the beneficial effects of transdermal estradiol on reward-seeking behaviors in perimenopausal women: A randomized controlled trial. *Psychoneuroendocrinology*, 156, 106339.
8. Kragel, P.A., **Treadway, M.T.**, Admon, R., Pizzagalli, D.A., Hahn, E.C. (2023). A mesocorticolimbic signature of pleasure in the human brain. *Nature Human Behavior*, 1-12.
9. Hossein, S.^g, Cooper, J.A.^P, DeVries, B.A.M.,^s Nuutinen M.R.,^s Hahn, E.C.,^s Kragel, P.A., **Treadway, M.T.** (2023). Effects of Acute Stress and Depression on Functional Connectivity between Prefrontal Cortex and the Amygdala. *Molecular Psychiatry*, 1-11.
10. **Treadway, M.T.**, (2023). Treating Motivational and Consummatory Aspects of Anhedonia. *Focus*, 21(3), 278-280.
11. Whitton, A.E., Kumar, P., **Treadway, M.T.**, Rutherford, A.V., Ironside, M.L., Foti, D., Fitzmaurice, G., Du, F. and Pizzagalli, D.A., 2023. Distinct profiles of anhedonia and reward processing and their prospective associations with quality of life among individuals with mood disorders. *Molecular Psychiatry*, 1-10.
12. **Treadway, M.T.**, (2023). Computational psychiatry and the lived experience of mental illness. *Nature Reviews Psychology*, 1-2.
13. Bekhbat, M., Mehta, N.D., **Treadway, M.T.**, Lucido, M.J., Woolwine, B.J., Haroon, E., Miller, A.H., Felger, J.C. (2022). Functional connectivity in reward circuitry and symptoms of anhedonia as therapeutic targets in depression with high inflammation: evidence from a dopamine challenge study. *Molecular Psychiatry*, 1-9.
14. Cooper, J.A.,^P Nuutinen, M.R.,^s Lawlor, V.M.,^g DeVries, B.A.M.,^s Barrick, E.,^s Hossein, S.,^g Cole, D.,^s Leonard, C.V.^g, Hahn, E.C.,^s Teer, A.P.,^g Shields, G., Slavich, G.S., Ongur, D., Jensen, J.E., Du, F., Pizzagalli, D.A., **Treadway, M.T.** (2021). Reduced adaptation of glutamatergic stress response is associated with pessimistic expectations in depression. *Nature Communications* 12, 3166.

15. Suzuki, S.,[§] Lawlor, V.M.,[§] Cooper, J.A.,[¶] Arulpragasam, A.R.,[§] **Treadway, M.T.** (2021). Distinct regions of striatum underlying effort, movement initiation and effort discounting. *Nature Human Behavior* 5, 378-388
16. Lucido, M.J., Bekhbat, M., Goldsmith, D.R.,^j **Treadway, M.T.**, Haroon, E., Felger, J.C., Miller, A.H. (2021) Aiding and abetting anhedonia: impact of inflammation on the brain and pharmacologic implications. *Pharmacology Reviews* 73, 1084-1117.
Co-author Role: Drafted one section and helped revise other sections of the manuscript.
17. Hoots, J.K., Webber, H.E., Nunez, C., Cooper, J.A.,[¶] Lopez-Gamundi, P., Lawlor, V.M.,[§] Lane, S.D., **Treadway, M.T.** & Wardle, M.C. (2021) Acute drug effects differentially predict desire to take amphetamine again for work and recreation. *Psychopharmacology*, 1-12.
18. Suzuki, S.,[§] Kamps, F., Dilks, D.D., **Treadway, M.T.** (2021). Two scene navigation systems dissociated by deliberate versus automatic processing. *Cortex* 140, 199-209.
19. Bondy, E., Norton, S.A., Voss, M., Marks, R.B., Boudreaux, M.J., **Treadway, M.T.**, Oltmanns, T.F., Bogdan, R. (2021). Inflammation is associated with future depressive symptoms among older adults. *Brain, Behavior and Immunity: Health* 13, 100226.
20. Whitton, A.E., Kumar, P., **Treadway, M.T.**, Rutherford, A.V., Ironside, M.L., Foti, D., Fitzmaurice, G. Du, F., Pizzagalli, D.A. (2021). Mapping disease course across the mood disorder spectrum through a Research Domain Criteria (RDoC) framework. *Biological Psychiatry: Clinical and Cognitive Neuroscience*. Epub Jan 26
21. Bowyer, C., Brush, C.J., Threadgill, H., Harmon-Jones, E., **Treadway, M.T.**, Patrick, C.J., Hajcak, G. (2021). The effort-doors task: examining the temporal dynamics of effort-based reward processing using ERPs. *Neuroimage* 228, 117656
22. Soder, H.E., Cooper, J.A.,[¶] Lopez-Gamundi, P., Hoots, J.K., Nunez, C., Lawlor, V.M.,[§] Lane, S.D., **Treadway, M.T.**,[§] Wardle, M.C. [§] (2021). Dose-response effects of d-amphetamine on effort-based decision-making and reinforcement learning. *Neuropsychopharmacology* 46, 1078-1085.
23. Bekhbat, M. **Treadway, M.T.**, Goldsmith, D.R.,^j Woolwine, B.J., Haroon, E., Miller, A.H., Felger, J.C. (2020). Gene signatures in peripheral blood immune cells related to insulin resistance and low tyrosine metabolism define a sub-type of depression with high CRP and anhedonia. *Brain, Behavior and Immunity* 88, 161-165.
24. Cooper, J.A.,[¶] Barch, D.M., Reddy, F.L., Horan, W.P., Green, M.F., **Treadway, M.T.** (2019). Effortful goal-directed behavior in schizophrenia: computational subtypes and associations with cognition. *Journal of Abnormal Psychology* 128, 710.
25. Guffanti, G., Kumar, P. Admon, R., **Treadway, M.T.**, Hall, M.H., Mehta, M., Douglas, S., Arulpragasam, A.R.,[§] Pizzagalli, D.A. (2019). Depression genetic risk score is associated with anhedonia-related makers cross units of analysis. *Translational Psychiatry* 9, 1-10.

26. ***Treadway, M.T.**, Cooper, J.A.,^p Miller, A.H. (2019). Can't or Won't: immunometabolic constraints on dopaminergic drive. *Trends in Cognitive Sciences* 23, 435-448.
27. Chang, W.C., Chu, A.O.K., **Treadway, M.T.**, Strauss, G.P. Chan, S.K.W. Lee, E.H.M., Hui, C.L.M., Suen Y.N., Chen, E.Y.H. (2019). Effort-based decision-making impairment in patients with clinically stabilized first-episode psychosis and its relationship with amotivation and psychosocial functioning. *European Neuropsychopharmacology* 29, 692-642.
28. * Belleau, E.L., **Treadway, M.T.**, Pizzagalli, D.A. (in press). The impact of stress and major depression on hippocampal and medial prefrontal cortex morphology. *Biological Psychiatry*
29. Arulpragasam, A.R.,^g Cooper, J.A.,^p Nuutinen, M.R.,^s **Treadway, M.T.** (2018). Corticoinsular circuits encode subjective value expectation and violation for effortful goal-directed behavior. *Proceedings of the National Academy of Sciences*, epub May 14, 1-10.
30. Sevinc, G., Holzel, B.K., Hashmi, J., Greenberg, J., McCallister, A., **Treadway M.**, Schneider, M.L., Dusek, J.A., Carmody, J., Lazar S.W. (in press). Common and dissociable neural activity following mindfulness-based stress reduction and relaxation response programs. *Psychosomatic Medicine*.
31. *Cooper, J.A.,^p Arulpragasam, A.R.,^g **Treadway, M.T.** (2018). The neurobiology of anhedonia in depression: markers, mechanisms and computational models. *Current Opinion in Behavioral Sciences* 22, 128-135.
32. Wadsworth, L.P., Forgeard, M., Hsu, K.J., Kertz, S., **Treadway, M.T.**, Bjorgvinsson, T. (2018). Examining the role of repetitive negative thinking in relations between positive and negative aspects of self-compassion and symptom improvement during intensive treatment. *Cognitive Therapy and Research* 42, 236-249.
33. Fulford, D., **Treadway, M.T.**, Woolley, J. (2018). Social motivation in schizophrenia: the impact of oxytocin on vigor in the context of social and non-social reinforcement. *Journal of Abnormal Psychology* 127, 116-128.
34. Kaiser, R.H., **Treadway, M.T.**, Wooten, D.W., Kumar, P., Goer, F., Murray, L.M., Beltzer, M., Pechtel, P., Whitton, A., Cohen, A.L., Alpert, N.M., El Fakhri, G., Normandin, M.D., Pizzagalli, D.A. (2017). Dopamine transporter mechanisms of individual differences in corticostriatal learning networks. *Cerebral Cortex*, epub Oct 31st, 1-10.
35. Johnson, S.L. Swerdlow, B.A., **Treadway M.T.**, Tharp, J.A., Carver, C.S. (2017). Willingness to expend effort toward reward and extreme ambitions in bipolar disorder. *Clinical Psychological Science* 5, 943-951.
36. Mata, F., **Treadway, M.T.**, Kwok, A., Truby H., Yucel M., Stout, J.C., Verdejo-Garcia, A. (2017). Less willingness to expend effort for reward differentiates obesity and overweight and predicts attrition in a weight loss intervention. *Obesity* 25, 1676-1681.

37. **Treadway, M.T.**,[§] Admon, R.[§], Arulpragasam, A.R.,[‡] Mehta, M.M., Douglas, S., Vitaliano, G., Olson, D.O., Cooper, J.A.,^p Pizzagalli, D.A. (2017). Association between interleukin-6 and striatal prediction-error signals following acute stress in healthy female participants. *Biological Psychiatry* 82, 570-577.
38. Admon, R.,[§] **Treadway, M.T.**,[§] Valeri, L., Mehta, M., Douglas, S., Pizzagalli, D.A. (2017). Distinct trajectories of cortisol response to prolonged acute stress are linked to affective responses and hippocampal gray matter volume in healthy females. *Journal of Neuroscience* 37, 7994-8002.
39. Mosner, M.G., Kinard, J.L., McWeeny, S., Shah, J.S., Markiewitz, N.D., Damiano-Goodwin, C.R., Burchinal, M.R., Rutherford, H.J.V., Greene, R.K., **Treadway, M.T.**, Dichter, G.S. (2017). Vicarious effort-based decision-making in autism spectrum disorders. *Journal of Autism and Developmental Disorders* 47, 2992-3006.
40. Fang, A., **Treadway, M.T.**, Hofmann, S.G., (2017). Working hard for oneself or others: effects of oxytocin on reward motivation in social anxiety disorder. *Biological Psychology* 127, 157-162.
41. *Zald, D.H., **Treadway, M.T.** (2017). Reward processing, neuroeconomics and psychopathology. *Annual Review of Clinical Psychology* 13, 471-495.
42. *Felger, J., **Treadway, M.T.** (2017). Inflammation effects on motivation and psychomotor slowing: the role of dopamine. *Neuropsychopharmacology* 42, 216-241.
43. *Lasselin, J., **Treadway, M.T.**, Lacourt, T.E., Soop, A., Olsson, M.J., Karshikoff, B., Paues-Goranson, S., Axelsson, J., Dantzer, R., Lekander, M. (2016). Lipopolysaccharide alters motivated behavior in a monetary reward task: a randomized trial. *Neuropsychopharmacology* 42, 801-810.
44. *Beard, C., Millner, A., Hsu, K., Forgeard, M., **Treadway, M.T.**, Leonard, C.V.^s, Kertz, S., Bjorvgvinsson, T. (2016). Network analysis of depression and anxiety symptoms in a heterogeneous psychiatric sample. *Psychological Medicine* 46, 3359-3369.
45. **Treadway, M.T.**, Leonard, C.V.^s (2016). Isolating biomarkers for affective states: implications of affective chronometry. *Molecular Psychiatry* 21, 1180-1187.
46. *Goldsmith, D.G.,^j Haroon, E., Woolwine, B.J., Jung, M.Y., Wommack, E.C., Harvey, P.D., **Treadway, M.T.**, Felger, J.C., Miller, A.H. (2016). Inflammatory markers are associated with decreased psychomotor speed in patients with major depressive disorder. *Brain Behavior and Immunity* 56, 281-288.
47. *Lilienfeld, S.O., **Treadway, M.T.** (2016). Clashing diagnostic approaches: DSM-ICD versus RDoC. *Annual Review Clinical Psychology* 12, 435-463.

48. *McCarthy, J.M., **Treadway, M.T.**, Blanchard, J.J. (2016). Inefficient effort allocation and negative symptoms in schizophrenia. *Schizophrenia Research* 170, 278-284.
49. *Buckholtz, J.W., Martin, J.W., **Treadway, M.T.**, Jan, K., Zald, D.H., Jones, O.D., Marois, R. (2015). From blame to punishment: disrupting prefrontal cortex reveals third-party norm enforcement mechanisms. *Neuron* 87, 1369-1380.
50. *Reddy, L.F., Horan, W.P., Barch, D., Buchanan, R., Dunayevich, E., Gold, J., Lyons, N., **Treadway, M.T.**, Wynn, J.K. Young, J., Green, M.F. (2015). Effort-based decision making paradigms for clinical trials in schizophrenia: part 1 – psychometric characteristics of five paradigms. *Schizophrenia Bulletin* 41, 1045-1054.
51. McCarthy, J.M., **Treadway, M.T.**, Blanchard, J.J. (2015). Motivation and effort in individuals with social anhedonia. *Schizophrenia Research* 165, 70-75.
52. Geany, J.T., **Treadway, M.T.**, Smillie, L.D. (2015). Trait anticipatory pleasure predicts effort expenditure for rewards. *PLoSOne* 10, e0131357.
53. Gilman, J.M., **Treadway, M.T.**, Curran, M.T., Calderon, V., Evins, A.E. (2015). Effect of social influence on effort-allocation for monetary rewards. *PLoSOne* 10, e0126656.
54. Anand, D., Oehlberg, K.A., **Treadway, M.T.**, Nusslock, R. (2015). Effect of failure/success feedback and the moderating influence of personality on reward motivation. *Cognition and Emotion* 30, 458-471.
55. Kumar P., Slavich G.M., Berghorst L.H., **Treadway M.T.**, Brooks, N.H., Dutra S.J., Greve, D.N., O'Donovan, A., Bleil, M.E., Maninger, N., Pizzagalli, D.A. (2015). Perceived life stress exposure modulates reward-related medial prefrontal cortex responses to acute stress in depression. *Journal of Affective Disorders* 180, 104-111.
56. ***Treadway, M.T.**, Waskom, M.L., Dillon, D.G., Holmes, A.J., Park, M.T.M., Chakravarty, M.M., Dutra, S.J., Polli, F.E., Iosifescu, D.V., Fava, M., Gabrieli, J.D.E., Pizzagalli, D.A. (2015). Illness progression, recent stress and morphometry of hippocampal subfields and medial prefrontal cortex in major depression. *Biological Psychiatry* 77, 285-294.
57. *Whitton, A.E., **Treadway, M.T.**, Pizzagalli, D.A. (2015). Reward processing dysfunction in major depression, bipolar disorder and schizophrenia. *Current Opinion in Psychiatry* 28, 7-12.
58. ***Treadway, M.T.**, Peterman, J.S., Zald, D.H., Park, S. (2015). Impaired effort allocation in patients with schizophrenia. *Schizophrenia Research* 161, 382-385.
59. ***Treadway, M.T.**, * Buckholtz, J.W., * Martin, J.M., Jan, K., Asplund, C.L., Ginther, M.R., Jones, O.D., Marois, R. (2014). Corticolimbic gating of emotion driven punishment. *Nature Neuroscience* 17, 1270-1275.

60. *Barch, D.M., **Treadway, M.T.**, Schoen, N. (2014). Effort, anhedonia and function in schizophrenia: reduced effort allocation predicts amotivation and functional impairment. *Journal of Abnormal Psychology* 123(2), 387-397.
61. **Treadway, M. T.**, Pizzagalli, D.A. (2014). Imaging the pathophysiology of major depressive disorder: from localist models to circuit-based analysis. *Biology of Mood and Anxiety Disorders* 4, 5.
62. ***Treadway, M. T.**, Zald, D. H. (2013). Parsing anhedonia: translational models of reward-processing deficits in psychopathology. *Current Directions in Psychological Science* 22, 244-249.
63. **Treadway, M.T.**, Buckholtz, J.W, Zald, D.H. (2013). Perceived stress predicts altered reward feedback processing in medial prefrontal cortex. *Frontiers in Human Neuroscience*, 7.
64. Samanez-Larkin, G.R., Buckholtz, J.W., Cowan, R.C., Woodward, N.D., Li, R., Ansari, S., Arrington, C.M., Baldwin, R.M., Smith, C.E., **Treadway, M. T.**, Kessler, R.M., Zald, D.H. (2012). A thalamocorticostriatal dopamine circuit for psychostimulant-enhanced human cognitive flexibility. *Biological Psychiatry* 74, 99-105.
65. ***Treadway, M.T.**, Bossaller, N.A., Shelton, R.C., Zald, D.H. (2012). Effort-based decision-making in major depressive disorder: a translational model of motivational anhedonia. *Journal of Abnormal Psychology* 121, 553-558.
66. Wardle, M.C., **Treadway, M.T.**, de Wit, H. (2012) Caffeine increases psychomotor performance on the effort expenditure for rewards task. *Pharmacology, Biochemistry and Behavior* 102, 526-531.
67. Damiano, C., Aloï, J., **Treadway, M. T.**, Bodfish, J.W., Dichter, G.S. (2012). Adults with autism spectrum disorders exhibit decreased sensitivity to reward parameters when making effort-based decisions. *Journal of Neurodevelopmental Disorders* 4, 13.
68. ***Treadway, M.T.**, § Buckholtz, J.W., § Cowan, R.C., Woodward, N.D., Li, R., Ansari, S., Baldwin, R.M., Schwartzman, A.N., Shelby, E.S., Smith, C.E., Kessler, R. M., Zald, D.H. (2012). Dopaminergic mechanisms of individual differences in human effort-based decision-making. *Journal of Neuroscience* 32, 6170-6176.
69. *Wardle, M.C., **Treadway, M.T.**, Mayo, L.M., Zald, D.H., de Wit, H. (2011). Amping up effort: effects of d-amphetamine on human effort-based decision-making. *Journal of Neuroscience* 31, 16597-16602.
70. McGinty, V.B., Hayden, B.Y., Heilbronner, S.R., Dumont, E.C., Graves, S.M., Mirrione, M.M., du Hoffman, J., Sartor, G.C., España, R.A., Millan, E.Z., Difeliceantonio, A.G., Marchant, N.J., Napier, T.C., Root, D.H., Borgland, S.L., **Treadway, M.T.**, Floresco, S.B.,

McGinty, J.F., Haber S. (2011). Emerging, reemerging, and forgotten brain areas of the reward circuit: notes from the 2010 motivational and neural networks conference. *Behavioural Brain Research* 225, 348-357.

71. **Treadway, M. T.,** & Buckholtz, J.W. (2011). On the use and misuse of genomic and neuroimaging science in forensic psychiatry: current roles and future directions. *Child and Adolescent Psychiatric Clinics of North America* 20, 533-546.
72. ***Treadway, M. T.,** & Zald, D. H. (2011). Reconsidering anhedonia in depression: lessons from translational neuroscience. *Neuroscience & Biobehavioral Reviews* 35, 537-555.
73. *Buckholtz, J.W., § **Treadway, M.T.,** § Cowan, R.C., Woodward, N.D., Li, R., Ansari, S., Baldwin, R.M., Schwartzman, A.N., Shelby, E.S., Smith, C.E., Kessler, R. M., Zald, D.H. (2010). Dopaminergic network mechanisms for differences in human impulsivity. *Science* 329, 532.
74. *Buckholtz, J.W., **Treadway, M.T.,** Cowan, R.L., Woodward, N.D., Benning, S.D., Li, R., Ansari, M.S., Baldwin, R.M., Schwartzman, A.N., Shelby, E.S., Smith, C.E., Cole, D., Kessler, R.M., Zald, D.H. (2010). Mesolimbic dopamine reward system hypersensitivity in individuals with psychopathic traits. *Nature Neuroscience* 13, 419-421.
Impact Factor: 28.71
Co-author Role: I contributed to the interpretation of results and helped write the paper.
75. ***Treadway, M. T.,** Buckholtz, J.W., Lambert, W.E., Schwartzman, A.N., Zald, D.H. (2009). Worth the 'EEfRT?' The effort expenditure for rewards task as an objective measure of motivation and anhedonia. *PLoS One* 4, e6598.
Impact Factor: 3.58
76. ***Treadway, M. T.,** Grant, M.M., Ding, Z., Hollon, S.D., Gore, J.C., Shelton, R.C. (2009). Early adverse events, HPA activity and anterior cingulate volume in MDD. *PLoS One* 4, e4887.
77. *Lazar, S.W., Kerr, C., Wasserman, R.J., Gray, J.R., Greve, D., **Treadway, M.T.,** McGarvey, M., Quinn, B.T., Dusek, J.A., Benson, H.G., Rausch, S.L., Moore, C.I., Fischel, B. (2005). Meditation experience is associated with increased cortical thickness. *Neuroreport* 16, 1893-1897.

Book Chapters

1. Miller, A.H., Felger, J.C., Goldsmith, D.R., **Treadway, M.T.,** Bekhbat, M., Haroon, E. (2024). The Impact of Inflammation on Treatment Resistance in Depression: Mechanisms and Translational Opportunities. In: J. Murrough and D. Charney (Eds). *Therapies for Treatment Resistant Depression*. Elsevier, Amsterdam.

2. **Treadway, M.T.** (2023). Challenges and Opportunities for Experimental Psychopathology and Translational Research. In: C. Cobb, S. Lynn and W. O'Donohue (Eds). *Toward a Science of Clinical Psychology: A tribute to the life and works of Scott Lilienfeld*. Springer Press, New York, NY, pp. 223-231.
3. **Treadway, M.T.** and J.D., Salamone. (2022). Inflammation as a pathophysiologic pathway to anhedonia: mechanisms and therapeutic implications. In: D. Pizzagalli (Ed.) *Anhedonia: Preclinical, Translational, and Clinical Integration*. Springer Press, New York, NY, pp.397-419.
4. Bekhbat, M., **Treadway, M.T.**, Felger, J.C. (2022). Inflammation as a pathophysiologic pathway to anhedonia: mechanisms and therapeutic implications. In: D. Pizzagalli (Ed.) *Anhedonia: Preclinical, Translational, and Clinical Integration*. Springer Press, New York, NY, pp.397-419.
5. Miller, A.H., Lucido, M.J., Bekhbat, M., Mehta, N.D., Chen, X., **Treadway, M.T.**, Felger, J.C. and Haroon, E. (2022). Inflammation and treatment resistance: Mechanisms and treatment implications. In: J. Quevedo, W. Bobo, P. Riva-Posse (Eds.). *Managing Treatment-Resistant Depression*. Academic Press, Cambridge, MA, pp. 237-251.
6. Riberio, C.M., Felger, J.C., **Treadway, M.T.**, Goldsmith, D.R., Haroon, E. Miller, A.H. (2021) Using inflammatory biomarkers to identify and treat transdiagnostic subtypes in psychiatric disorders. In: L. Williams and L. Hack (Eds.) *Precision Psychiatry*. APA press, Washington DC, pp. 97-116.
7. Whitton, A.E., **Treadway, M.T.**, Ironside, M.L., Pizzagalli, D.A. (2019). Neurobiological reward-related abnormalities across mood disorders. In: J. Gruber (Ed.). *The Oxford Handbook of Positive Emotion and Psychopathology*. Oxford University Press, New York, NY, pp. 223-238.
8. **Treadway, M.T.** (2015). The neurobiology of motivational deficits in depression: an update on candidate mechanisms. In Balsam & Simpson (Eds).
9. **Treadway, M.T.** (2015). Liking little, wanting less: On (lacking) desire in psychopathology. In Hofmann and Nordgren (Eds). *The Psychology of Desire*. The Guilford Press: New York, NY.
10. **Treadway, M.T.** (2014). Personality disorders and the brain: emerging insights from clinical neuroscience. In Beck, Davis and Freeman (Eds). *Cognitive Therapy for Personality Disorders*, 3rd edition. The Guilford Press: New York, NY.
11. **Treadway, M.T.**, Zald, D. H. (2014). Translational neuroscience perspectives on anhedonia in depression. In Ritsner (Ed.) *Anhedonia: A New Insight*. Springer Press, New York, NY.
12. Pizzagalli, D. A., **Treadway, M.T.** (2014). The neuroscience of depression: a neuroimaging

perspective. In Gotlib and Hammen (Eds). *Handbook of Depression, 3rd edition*. The Guilford Press: New York, NY.

13. **Treadway, M.T.**, Lazar, S.W. (2010). Mindfulness and Neuroplasticity. In Baer R. (Ed). *Assessing Mindfulness and Acceptance: Illuminating the Processes of Change*. New Harbinger: Oakland, CA.
14. ***Treadway, M.T.**, Lazar, S.W. (2008). The Neurobiology of mindfulness. In Didonna, F. (Ed). *Clinical Handbook of Mindfulness*. Springer Press: New York, NY

Other Publications and Popular Media

Treadway, D.C., **Treadway, M.T.** (2013) Study Guide for Quiet, by Susan Cain. Guilford Press, New York, NY 2013

Treadway, D.C., Treadway, K.K, **Treadway, M.T.**, Treadway, S.C. (2010). Home before dark: A family portrait of cancer and healing. Union Square Press, New York, NY.

Treadway, M.T. (2008). The ride home. *Psychotherapy Networker*, 32(2), 88.

Invited Talks

- 2024 Center for Computational Cognitive Neuropsychiatry, Princeton, NJ
- 2024 Neuroscience Grand Rounds, Massachusetts General Hospital, Boston, MA
- 2023 Vanderbilt University – Clinical Brownbag, Nashville, TN
- 2022 Kavli Summer Institute in Cognitive Neuroscience, Santa Barbara, CA
- 2021 Colloquium, Human Cognition Program, Northwestern University, Evanston, IL
- 2021 Colloquium, Department of Psychology, University of Connecticut, Storrs, CT
- 2021 Colloquium, Department of Psychology, Temple University, Philadelphia PA
- 2021 Colloquium, Department of Psychology, University of Illinois Chicago, Chicago, IL
- 2020 Awardee Symposium, American Psychological Association, Washington, DC
- 2020 President’s Symposium, *Psychoneuroimmunology Research Society*, Los Angeles, CA[§]
- 2020 Colloquium, Department of Psychology, Vanderbilt University, Nashville, TN[§]
- 2020 Colloquium, Department of Psychiatry, Mount Sinai, New York, NY
- 2019 Colloquium, Department of Psychology, Florida State University, Tallahassee, FL
- 2019 TReNDs Center Inaugural Event, GSU/Georgia Tech/Emory, Atlanta, GA
- 2018 Clinical Brownbag Lecture Series, Georgia State University, Atlanta, GA
- 2017 BrainHealth Lecture Series, University of Texas at Dallas, Dallas TX
- 2017 Grand Rounds, Emory Department of Psychiatry, Atlanta, GA
- 2017 Psychoneuroendocrinology Colloquium Series, UCLA Cousins Center, Los Angeles, CA
- 2016 Winship Cancer Center Annual Retreat, Atlanta, GA
- 2016 Cognitive Neuroscience Center Seminar, University of Illinois – Chicago, Chicago, IL

- 2016 Clinical Brownbag, Northwestern University, Evanston, IL
2016 Emory University, Department of Psychology, Cognition and Development Colloquium
2013 Massachusetts General Hospital, Center for Addiction Medicine, Grand Rounds
2013 Emory University, Department of Psychology
2013 University of Miami, Department of Psychology
2013 Temple University, Department of Psychology
2013 University of Colorado Boulder, Department of Psychology
2012 University of Maryland, Department of Psychology
2012 Yale University, Department of Psychology
2012 Boston University, Department of Psychology
2012 Columbia University, Department of Psychology, Cognitive Neuroscience Series
2012 Harvard University, Department of Psychology, Clinical Colloquium
2012 Harvard Medical School, Department of Psychiatry, CDASR speaker series
2012 University of Wisconsin-Madison, Department of Psychology
2011 Harvard University, Department of Psychology, Decision-Making Series
2011 University of Connecticut, Department of Psychology, Behavioral Neuroscience Seminar
2011 Vanderbilt University, Department of Psychology, Clinical Science Seminar

Organized Symposia and Conference Presentations

- 2024 Symposium Speaker, *Society of Clinical Psychology*, Atlanta, GA
2023 Symposium Speaker, *Society for Biological Psychiatry*, San Diego, CA
2022 Panelist, *Better Together: Promoting Diversity, Equity and Inclusion Across Atlanta*, Atlanta, GA
2022 Symposium Speaker, *Society for Research in Psychopathology*, Philadelphia, PA
2019 Symposium Speaker and Chair, *American College of Neuropsychopharmacology*, Orlando, FL
2019 Symposium Speaker, *Association of Behavioral and Cognitive Therapy*, Atlanta, GA
2019 Symposium Speaker, *Society for Research in Psychopathology*, Buffalo, NY
2019 Symposium Speaker, *Smokies Cognition and Neuroscience Symposium*, Asheville, NC
2019 Symposium Speaker, *Society for Research in Child Development*, Baltimore, MD
2018 Symposium Speaker, *Society for Research in Psychopathology*, Indianapolis, IN
2018 Symposium Speaker, *Association for Psychological Science*, San Francisco, CA
2017 Symposium Speaker, *American College of Neuropsychopharmacology*, Palm Desert, CA
2017 Symposium Speaker, *Society for Research in Psychopathology*, Denver, CO
2017 Presenter, Transcontinental Working Group in Computational Psychiatry, online
2016 Clinical Roundtable Member, *Society for Neuroscience*, San Diego, CA
2016 Symposium Speaker, *Association of Behavioral and Cognitive Therapy*, New York, NY
2016 Presenter, Winship Cancer Center Annual Retreat, Atlanta, GA
2016 Symposium Speaker, *Society for Biological Psychiatry*, Atlanta, GA
2016 Symposium Speaker, *Society for Affective Science*, Chicago, IL
2016 Symposium Speaker, *International Neuropsychological Society*, Boston, MA
2016 Symposium Speaker, Neurotoxicities and Cancer Treatment, Houston TX
2015 Symposium Speaker, *American College of Neuropsychopharmacology*, Hollywood, FL
2015 Symposium Speaker, *Association of Behavioral and Cognitive Therapy*, Chicago, IL

- 2015 Symposium Discussant, *Association for Behavioral and Cognitive Therapy*, Chicago, IL
 2015 Symposium Co-Chair and Speaker *Society for Psychopathology Research*,
 New Orleans, LA
 2015 Rising Stars of Clinical Science Symposium Speaker, *Association for Psychological Science*, New York, NY
 2015 Symposium Co-Chair and Speaker, *Society for Biological Psychiatry*, Toronto, CA
 2014 Symposium Speaker, *Association for Psychological Science*, San Francisco, CA
 2013 Symposium Speaker, *Society for Psychopathology Research*, Oakland, CA
 2013 Symposium Moderator, *Organization for Human Brain Mapping*
 2013 Symposium Speaker, *Congresso Dopamine*, Sardinia, Italy

Teaching

*Note – I did not teach during the following semesters due to sabbatical or parental leave:
 Fall 2017, Fall 2018, Fall 2020, Spring 2021, Spring 2024*

Undergraduate Courses Taught

- PSY 210 (Fall 2016) Adult Psychopathology* – revamped and taught course (enrollment = 78)
 *Name changed from *Abnormal Psychology*
 PSY 385 (Fall 2016) Advanced Topics Seminar: Conceptual Foundations of Neurobiology and
 Neuroimaging – co-developed and co-taught with Danny Dilks, PhD (enrollment = 16)
 PSY 210 (Spring 2018) Adult Psychopathology – taught course (enrollment = 117)
 PSY 385 (Spring 2018) Advanced Topics Seminar: Computational Psychiatry – developed and
 taught course (enrollment = 11)
 PSY 210 (Spring 2019) Adult Psychopathology – taught course (enrollment = 108)
 PSY 210 (Spring 2020) Adult Psychopathology – taught course (enrollment = 94)
 PSY 210 (Fall 2021) Adult Psychopathology – taught course (enrollment = 105)
 PSY 210 (Spring 2023) Adult Psychopathology – taught course (enrollment = 90)

Graduate Courses Taught

- PSY 770R (Fall 2015) Conceptual Foundations of Neurobiology and Neuroimaging – Course co-
 developed and co-taught with Danny Dilks, PhD (enrollment = 14)
 PSY 770R (Fall 2019) Conceptual Foundations of Neurobiology and Neuroimaging – Course co-
 developed and co-taught with Danny Dilks, PhD (enrollment = 16)
 PSY 770 (Fall 2021) Conceptual Foundations of Neurobiology and Neuroimaging – Course co-
 developed and co-taught with Danny Dilks, PhD (enrollment = 8)
 PSY 778R (Fall 2022) Research Seminar (enrollment =22)
 PSY 778R (Spring 2023) Research Seminar (enrollment =22)

Guest Lectures and Partial Courses Taught

- PSY 190 (Spring 2015) The Nature of Evidence
 PSY 215 (Spring 2016) Cognitive Neuroscience
 BIO 450/ IBS 534 (Spring 2016) Computational Neuroscience
 SOM Particle to Professor Series (Spring 2016)

IDS 205 (Fall 2016) Science and the nature of evidence
 PSY 190 (Fall 2017) Nature of Evidence
 PSY 541 (Fall 2017) Psychopathology
 BIO 450/ IBS 534 (Spring 2018) Computational Neuroscience
 PSY 190 (Fall 2018) Nature of Evidence
 PSY 541 (Fall 2018) Psychopathology
 SOM Neuroscience (Fall 2018)
 BIO 450/ IBS 534 (Spring 2019) Computational Neuroscience
 IBS 526 (Fall 2019) Fundamentals of Neuroscience
 PSY 541 (Fall 2019) Psychopathology
 PSY 223 (Fall 2019) Drugs and Behavior
 SOM M2 (Fall 2019) Neuroscience
 PSY 385 (Fall 2019) Neuroeconomics
 BIO 450/ IBS 534 (Spring 2020) Computational Neuroscience
 BIO 450/ IBS 534 (Spring 2022) Computational Neuroscience
 BIO 450/ IBS 534 (Spring 2023) Computational Neuroscience
 IBS 514 (Spring 2023) Cellular and Developmental Neuroscience

Mentoring & Advising

Post-Doctoral/Junior Faculty Advisees:

Boris Botzanowski, PhD, Post-doctoral Scholar, Emory University (co-mentored with D. Dilks and N. Fani; 2023-present)
 Jonathon Ryan, PhD, Post-doctoral Scholar, Emory University (primary; 2022-present)
 Jessica Cooper, PhD, Assistant Professor in Department of Psychiatry and Behavioral Sciences, Emory University (primary; 2016-present)
 David Goldsmith, MD, Assistant Professor in Department of Psychiatry and Behavioral Sciences, Emory University (secondary; 2017-present)
 Allison M. Lopilato, PhD, Assistant Professor in Department of Psychiatry and Behavioral Sciences, Emory University (secondary; 2019-present)
 Laurel Morris, PhD, Assistant Professor in Department of Psychiatry, Mt. Sinai (secondary; 2019-2021)

Doctoral Student Advisees:

Andrew Teer, PhD (primary)	Shosuke Suzuki, MA (primary)
Amanda Arulpragasam, PhD (primary)	Sarah Etuk, BS (primary)
Shabnam Hossein, PhD (primary)	Marta Migó, BS (primary)
Victoria Lawlor, MA (primary)	

First Year Advisory Committees/Masters Committees

Brett Murphy, JD, PhD (2015-2016)	Roberto España, BA (2017-2019)
Bryan Klapes, PhD (2015-2016)	Shauna Bowles, BA (2017-2019)
Shaquille Edwards, BS (2015-2016)	Katrina Azberik, BA (2019-2021)
Kristina Dahlgren, PhD (2017-2018)	Susan Shepardson, BA (2019-2021)

Kiana Jodeiry, BA (2020-2022)
 Katherine Soderberg, BA (2021-present)
 Rebecca Rennert, BA (2021-present)

Hee Kyung Yoon, BS (2023-present)
 Colette Delawalla, BS (2023-present)

Dissertation Committees – Member:

Katy Renfro, PhD – Psychology, Emory University
 Amanda Brown, PhD – Clinical Psychology, Emory University
 Sarah Smith, PhD – Clinical Psychology, Emory University
 Ashley Watts, PhD – Psychology, Emory University
 Brooke Reidy, PhD – Clinical Psychology, Emory University
 Andrew Persichetti, PhD – Psychology, Emory University
 Frederick Kamps, PhD – Psychology, Emory University
 Cassie Hendrix, PhD – Clinical Psychology, Emory University
 Vlad Ayzenberg, PhD – Psychology, Emory University
 Hannah Simon, PhD – Clinical Psychology, Emory University
 Holly Poore, PhD – Clinical Psychology, Emory University

Bryan Klapes, PhD – Psychology, Emory University
 Alyndie Wood, PhD – Neuroscience, Emory University
 Stephen Riley, PhD – Psychology, Emory University
 April Ratliff, PhD – Neuroscience, Emory University
 Cyrus Chi, MS – Psychology, Emory University
 Blaire Pingeton, MA – Psychology, Emory University
 Shauna Bowes, MA – Psychology, Emory University
 Sophie Yount, MA – Neuroscience, Emory University
 Katrina Aberzik, MA – Psychology, Emory University
 Jad Nasrini, MA – Psychology, Emory University

Research Staff Advisees:

Daniel Cole, BS (2014-2016)
 Chelsea Leonard, BS (2014-2017)
 Asim Lal, BS (2016-2017)
 Nadia Irfan, BS (2016-2018)
 Melissa Letzer, BS (2017-2018)
 Danielle Harrison, BA (2018-2019)

Makiah Nuutinen, BS (2017-2020)
 Emma Hahn, BA (2018- 2021)
 Brittany DeVries, BS (2017-2022)
 Shiyin Lu, BS (2022-present)
 Samantha Betters, BS (2022-present)
 Jessica Kubert, BA (2022-present)

Undergraduate Research Assistant Advisees:

Meg Airley, BA (2015-2016)
 Mark Gorman, BA (2015- 2016)
 Nadia Irfan, BS (2015-2016)
 Shermin Punjwani, BA (2015)
 Brian Shim, BS (2015-2016)
 Anneka Soenstrom, BA (2016)
 Annabel Lu, BS (2016- present)
 Mihir Ghetiya, BA (2016 -2018)**
 Ila Gautham, BA (2016-2018)

Emily Mathis, BA, (2017)
 Emily Seigel, BA (2017-2018)
 Isha Kumar, BA (2017-2018)
 Mallory Warman, BA (2017-2018)
 Maryam Reyman, BA (2017-2018)
 Kristi Kwok, BS (2018-2019)
 Jeffrey Yang, BA (2018-2019)
 Samuel Han, BS (2018-2020)
 Nimra Ahad, BS (2018-2020)**

Leslie Mora, BS (2019-2020)**
 Jessica Kubert, BA (2019-2020)
 Maheen Nazrally (2019-2020)
 Siobana Navarro (2020-2021)
 Lilli Specter (2020-2021)
 Andrew Spencer (2020-2021)
 William Yun (2019-2022)
 Andrew Wei (2020-2022)**
 Theresa Benson (2021-2022)
 Lydia Zhang (2021-2022)

Ayanna Bell (2021-2022)
 Michael Shi (2021-present)**
 Carson Bohl (2022-present)
 Vickey Ge (2022-present)
 Quyen Cao (2022-present)
 Nadia Piecyk (2023-present)
 Amelia Mo (2023-present)**
 Emma Levy (2023-present)
 Coco Wu (2023-present)
 Kira Young (2023-present)

**Indicates SIRE/SURE program grantee

Undergraduate Honors Advisees:

TJ Libecap, BS (2016; reader)
 Heejae Choi, BS (2016-2017; primary mentor)
 Kaella Kutchioua, BS (2018; reader)
 Samuel Han (2019-2020; primary mentor)
 Carolyn Wendzel (2019-2020; primary mentor)
 Muskaan Khanna (2019-2020; co-mentor)
 Andrew Wei (2021-2022; primary mentor)
 William Yun (2021-2022; primary mentor)
 Emerald Yuan (2022-2023; reader)

Service

Psychology Department – Emory University

2015–2018:	Chair, Web & IT Committee
2015–2018:	Member, Colloquium Committee
2016–2018:	Member, Department Organization and Vision Committee
2016	Organizer, 2016 Clinical Research Day
2016	Poster context judge – CMBC Emotions Conference
2016	Organizer, 2016 Departmental Research Festival
2019–2022	Member, Psychology Department Curriculum Committee
2021–Present	Graduate Admissions Committee
2022–Present	Member, Psychology Department Executive Committee

College of Arts and Sciences – Emory University

Sep, 2015	Invited speaker for Emory College Alumni Board Meeting
Sep, 2016–2017	Faculty mentor for Emory MORE diversity outreach program
May, 2016	Invited speaker for Regional Emory College Alumni Board Meeting, New York, NY

April, 2017	Invited speaker for Emory College Office of Admissions Faculty Showcase
April, 2018	Invited speaker for Emory College Office of Admissions Faculty Showcase
2017	Member, Search Committee for “Mechanisms of Cognition” faculty search
May, 2018	Invited speaker for Emory College Alumni Office “Dean’s Peachtree Series”
October, 2018	Invited speaker for Regional Emory College Alumni Board Meeting, Philadelphia, PA
2019	Member, Search Committee for “Computational Neuroscience” faculty search
April, 2021	Invited speaker for Emory College Office of Admissions Faculty Showcase
2021–2023	Member, ECAS Senate Anti-racism and Social Justice committee
2022–2023	Chair, Search Committee for “Clinical Science” faculty search (two positions)
April, 2023	Invited speaker for Emory College Office of Admissions Faculty Showcase

Laney Graduate School – Emory University

2016–2017:	Member, selection committee for Woodruff fellowships
2017–2019:	Member, selection committee for Teaching Fellowships
2018–2019:	Faculty mentor, Teaching Assistant Training and Teaching Opportunity (TATTO)
2022–Present:	Co-Director of Clinical Training

School of Medicine – Emory University

2015–Present:	Program Director, Residency Research Training Track
2015–Present:	Member, Psychiatry Residency Application Review Committee

University Service – Emory University

2017–Present:	Member, IRB Social Behavioral Research Committee
2017–2020:	Member, CRN Scientific Advisory Committee
2017–2018:	Ad-Hoc Reviewer, University Research Committee

Ad Hoc External Service

2011:	NIMH RDoC Positive Valence Systems Working Group
2016:	NIMH RDoC Positive Valence Systems Task Group

Editorial Board Service

2016–2020	Clinical Psychological Science – Consulting Editor
2015–present	Journal of Psychopathology and Clinical Science – Consulting Editor

2021–present Cognitive, Affective & Behavioral Neuroscience – Consulting Editor

Organizational Leadership

2019–present Program planning committee, *Society for Research in Psychopathology*
 2023–present Guiding Committee, APCS Clinical Training Summit

Ad Hoc Grant and Awards Review:

NIH (US) Review Panels (ad-hoc reviewer for 12 CSR study sections)
 Wellcome Trust (UK)
 Medical Research Council (UK)
 Royal Society (UK)
 MQ Fellowship Programme (UK)
 Vienna Science and Technology Fund (Austria)
 Research Foundation Flanders (Netherlands)
 Natural Sciences and Engineering Research Council (Canada)
 Swiss National Science Foundation (Switzerland)
 APF Dissertation Awards

Ad Hoc Book Review:

Guilford Press

Tenure and Promotion Reviews for External Institutions:

New York University, Department of Psychology
 University of Illinois Chicago, Department of Psychology
 Vanderbilt University, Department of Psychology
 University of Colorado Boulder, Department of Psychology
 Brandeis University, Department of Psychology

Ad Hoc Journal Reviewer (Average of about 1 review per week)

Brain	Harvard Review of Psychiatry
Biological Psychiatry	Human Brain Mapping
Biological Psychiatry – Clinical and Cognitive Neuroscience	International Journal of Neuropsychopharmacology
Cancer Clinical Psychological Science	JAMA Psychiatry
Cognitive, Affective and Behavioral Neuroscience	Journal of Clinical Psychiatry
Developmental Cognitive Neuroscience	Journal of Cognitive Neuroscience
Comprehensive Psychiatry	Journal of Abnormal Psychology
Computational Psychiatry	Journal of Affective Disorders
Current Directions in Psychological Science	Journal of Experimental Psychology: General
Emotion	Journal of Cognitive Neuroscience
European Journal of Neuropsychopharmacology	Journal of Natural Products
Frontiers in Neuroscience	Journal of Neuroscience
Hormones and Behavior	Journal of Personality Assessment
	Journal of Psychiatric Research

Molecular Psychiatry	Psychiatry Research: Neuroimaging
Motivation and Emotion	Psychological Medicine
Nature Communications	Psychological Review
Nature Human Behavior	Psychoneuroendocrinology
Neuroimage	Schizophrenia Bulletin
Neuron	Schizophrenia Research
Neuropsychologia	Scientific Reports
Neuropsychopharmacology	Social Cognitive Affective Neuroscience
Neuroscience and Biobehavioral Reviews	Social Neuroscience
PLoS One	Synapse
Proceedings of the National Academy of Sciences	Trends in Cognitive Sciences
	Trends in Neurosciences

Clinical Appointments

2015 – Present	Licensed Clinical Psychologist in Private Practice GA License # 003882
2015 – Present	Practicum Supervisor Emory University Department of Psychology
2014 – 2015	Practicum Supervisor McLean Hospital/Harvard Medical School Behavioral Health Partial Program

Professional Activities

Professional Memberships:

American College of Neuropsychopharmacology – Member
 Association for Psychological Science – Fellow
 Society of Biological Psychiatry – Member
 Society for Research in Psychopathology – Member
 Society of Neuroscience – Member

Media Coverage (selected)

APA Monitor *Dissecting Depression*
Futurity *Depressed brains don't have the regular response to stress*
Technology Networks *The motivated mind*
Psychology Today *Does chronic inflammation reduce motivation?*
Science Daily *How the brain decides to make an effort: the neural mechanics of motivation*
Scientific American *Why Psychiatry Needs Neuroscience*
NPR WBEZ Chicago *How the brain judges fault and punishment*

Science Daily *Fault trumps gruesome evidence*

NPR Marketplace. *The brain chemical that could make you a better worker.*

Wired Science. *The neuroscience of effort*

CBS News. *Brain's dopamine may explain why some are slackers at work*

The Telegraph, UK. *Slackers' brains are wired to under-achieve*

Science Daily. *Dopamine impacts your willingness to work*

US News and World Report. *Cues to slacker found in brain*

Huffington Post. *Slacker or go-getter? Brain chemical may tell*

Shape Magazine *Why are some people more motivated than others?*