

Curriculum Vitae
Timothy J. McDermott, PhD
tmcdermott@psy.fsu.edu | (303) 204-9383

CURRENT TITLES & AFFILIATIONS

Aug 2025- **Dean's Postdoctoral Scholar | Clinical Assistant Director**
Present Riddle Lab | Anxiety and Behavioral Health Clinic
Florida State University Psychology Department, Tallahassee, FL
Supervisors: Justin Riddle, PhD & N. Brad Schmidt, PhD

LICENSURE

2025- **Licensed Psychologist**
Present State of Florida, #PY13031
State of Georgia, #PSY004867

EDUCATION & TRAINING

2023-2025 **Postdoctoral Residency in Health Service Psychology (Member of APPIC)**
Grady Trauma Project | Emory University School of Medicine, Atlanta, GA
Training Director: Nadine Kaslow, PhD, ABPP
Supervisors: Negar Fani, PhD, ABPP & Abigail Powers Lott, PhD, ABPP

2017-2023 **Doctor of Philosophy, Clinical Psychology (APA-Accredited)**
The University of Tulsa, Tulsa, OK
Dissertation Co-Chairs: Robin L. Aupperle, PhD & Joanne L. Davis, PhD

2022-2023 **Doctoral Internship in Clinical Psychology, PTSD Track (APA-Accredited)**
McLean Hospital | Harvard Medical School, Belmont, MA
PTSD Track Directors: Antonia V. Seligowski, PhD, Tanya Farber, PsyD, Kerry Ressler, MD, PhD
Training Directors: Throður Björgvinsson, PhD, ABPP, Courtney Beard, PhD, Matthew Schrock, PhD

2017-2020 **Master of Arts, Clinical Psychology**
The University of Tulsa, Tulsa, OK
Pre-Candidacy Project Co-Chairs: Robin L. Aupperle, PhD & Joanne L. Davis, PhD

2011-2015 **Bachelor of Arts, Psychology (Magna Cum Laude)**
Creighton University, Omaha, NE
Major: Psychology | Minor: Biology

AWARDS & HONORS

2024 National Institute of Health Loan Repayment Program Award – National Institute of Mental Health

2022 Anxiety and Depression Association of America, Allies Muskin Career Development Leadership Program

2019 Society of Biological Psychiatry, Predoctoral Scholars Travel Fellowship Award

2019 University of Tulsa Chapman Distinguished PhD Career Travel Grant

2019 University of Tulsa Office of Research and Sponsored Programs Travel Grant

2015 Leo R Kennedy Outstanding Senior Psychology Major Award

2014 Psi Chi National Psychology Honors Society Summer Research Grant

2013 Creighton College of Arts and Sciences Undergraduate Summer Research Grant

RESEARCH SUPPORT

Awarded:

2024-2026 **Co- Investigator, Emory Medical Care Foundation Grant, 2024 | 06-001**
Neurophysiology of anhedonia in trauma-exposed people completing a brief mindfulness intervention
Principal Investigator: Katie Bullinger, MD, PhD | Mentor: Negar Fani, PhD, ABPP

2024-2026 **Contributor, NIH Supplement to Recognize DEIA Mentorship Excellence | R01AT011267-04S1**
EEG biomarkers of response to vibroacoustically-augmented breath focused mindfulness
National Center for Complementary and Integrative Health
Principal Investigator: Negar Fani, PhD, ABPP

2023-2025 **Principal Investigator, NIH F32 Postdoctoral National Research Service Award | F32MH134631**
Neurophysiological mechanisms of anhedonia and cognitive control deficits in trauma-exposed people completing vibroacoustically augmented breath focused mindfulness
National Institute of Mental Health | Division of Translational Research
Primary sponsor: Negar Fani, PhD, ABPP | Co-sponsors: Greg J. Siegle, PhD, Benjamin Risk, PhD
Collaborators: Diego Pizzagalli, PhD & Christian Webb, PhD

2020-2022 **Principal Investigator | F31MH122090**
Self-regulation of prefrontal cortex during emotional cognitive control
National Institute of Mental Health | Division of Neuroscience and Basic Behavioral Science
Primary Sponsor: Martin Paulus, MD
Co-sponsors: Robin Aupperle, PhD, Jerzy Bodurka, PhD, Joanne Davis, PhD

Pending:

2026-2031 **Contributor, NIH R01 Research Grant**
Investigating the translation of reward into goal-directed behavior in anhedonia
National Institute of Mental Health
Principal Investigator: Justin Riddle, PhD
Co-investigators: Christopher Patrick, PhD, Derek Nee, PhD, James F. Cavanagh, PhD

Not Funded:

2025 **Principal Investigator, Brain and Behavior Research Foundation Young Investigator Grant**
Ventral striatum temporal interference brain stimulation during positive life event reminiscence to enhance reward positivity and improve symptoms in adults with anhedonia
Primary Mentor: Negar Fani, PhD, ABPP | Secondary Mentor: Michael T. Treadway, PhD

PUBLICATIONS

*indicates co-first authorship / #indicates co-senior authorship / underline indicates supervised mentee

Peer-Reviewed Manuscripts:

52. McDermott, T.J., Siegle, G.J., Guelfo, A., Huynh, K., Karkare, M.C., Krawczak, R., Johnston, A., Semerod, J., Jagadeesh, D., Elbasheir, A., Fulton, T.M., Krafty, R.T., & Fani, N. (2025). Find your rhythm and regulate: Breath-synced vibration feedback during breath-focused mindfulness reduces respiration variability in trauma-exposed adults. *Journal of Anxiety Disorders*, 112, 103008. <https://doi.org/10.1016/j.janxdis.2025.103008>

51. Fulton, T.M., Guelfo, A., Elbasheir, A., **McDermott, T.J.**, Lee, J., Ahluwalia, V., Ely, T.D., Lathan-Powell, E., & Fani, N. (2025). Resting-state neural signatures of moral injury: Associations with rumination. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, Epub ahead of print. <https://doi.org/10.1016/j.bpsc.2025.08.001>

50. Berg, H., **McDermott, T.J.**, Kuplicki, R., Yeh, H.W., Thompson, W.K., Smith, R., Akeman, E., Kirlic, N., Clausen, A.N., Cannon, M.J., White, E.J., Martell, C.R., Wolitzky-Taylor, K., Craske, M.G., Abelson, J.L., Paulus, M.P., & Aupperle, R.L. (In press). Prediction of generalized anxiety disorder treatment outcomes with neurobehavioral responses to approach-avoidance conflict: A randomized clinical trial. *Translational Psychiatry*, 15(1), 1–11. <https://doi.org/10.1038/s41398-025-03460-x>

49. Frietchen, R.E., Kinkel-Ram, S.S., Elbasheir, A., **McDermott, T.J.**, Fani, N., Powers, A., & Lathan, E.C. (2025). Race-related stress, dissociation, and suicide risk in a community sample of Black Americans. *Psychological Trauma: Theory, Research, Practice, and Policy*, 17(4), 866–876. <https://doi.org/10.1037/tra0001880>

48. Berg, H., Eun, Y.J., Yu, S., **McDermott, T.J.**, Akeman, E., Kuplicki, R., Yeh, H.W., Thompson, W., Martell, C.R., Wolitzsky-Taylor, K., Craske, M., Paulus, M., & Aupperle, R.L. (2025). Neural reactivity to reward and loss differentially predicts symptom improvement in behavioral activation and exposure therapies for adults with generalized anxiety disorder: A randomized clinical trial. *Journal of Mood and Anxiety Disorders*, 9, 100107. <https://doi.org/10.1016/j.xjmad.2025.100107>

47. Elbasheir, A., Bond, R., Harnett, N.G., Guelfo, A., Karkare, M.C., Fulton, T., Ely, T.D., **McDermott, T.J.**, Ahluwalia, V., Bradley, B., Siegle, G.J., & Fani, N. (2025). Racial discrimination-related interoceptive network disruptions: A pathway to disconnection. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, Epub ahead of print. <https://doi.org/10.1016/j.bpsc.2024.12.011>

46. Ganesan, S. Barrios, F.A., Batta, I. Bauer, C.C.C., Braver, T.S., Brewer, J.A., Brown, K.W., Cahn, R. Cain, J.A., Calhoun, V.D., Cao, L. Chetelat, G. Ching, C.R.K., Creswell, J.D., Dagnino, P.D., Davanger, S. Davidson, R.J., Deco, G., Dutcher, J.M., Escrichs, A., Eyler, L.T., Fani, N., Farb, N.A.S., Fialoke, S., Fresco, D.M., Garg, R., Garland, E.L., Goldin, P., Hafeman, D.M., Jahanshad, N., Kang, Y., Khalsa, S.S., Kirlic, N. Lazar, S.W., Lutz, A., **McDermott, T.J.**, Pagnoni, G., Piguet, C., Prakash, R.S., Rahrig, H., Reggente, N., Saccaro, L.F., Sacchet, M.D., Siegle, G.J., Tang, Y.Y., Thomopoulos, S.I., Thompson, P.M., Torske, A., Treves, I.N., Tripathi, V., Tsuchiyagaito, A., Turner, M.D., Vago, D.R., Valk, S., Zeidan, F., Zalesky, A., Turner, J.A., King, A.P. (2024). ENIGMA-Meditation: Worldwide consortium for neuroscientific investigations of meditation practices. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 10(4):425-436. <https://doi.org/10.1016/j.bpsc.2024.10.015>

45. Kondas, A., **McDermott, T.J.**, Ahluwalia, V., Haller, O.C., Karkare, M.C., Guelfo, A., Daube, A., Bradley, B., Powers, A., Stevens, J.S., Ressler, K.J., Siegle, G.J., & Fani, N. (2024). White matter correlates of dissociation in a diverse sample of trauma-exposed women. *Psychiatry Research*, 342, 116231. <https://doi.org/10.1016/j.psychres.2024.116231>

44. Fleming, L.L., & **McDermott, T.J.** (2024). Cognitive control and neural activity during human development: evidence for synaptic pruning. *Journal of Neuroscience*, 44(26), e0373242024. <https://doi.org/10.1523/JNEUROSCI.0373-24.2024>

43. Moscardini, E.H., Hudson, C.C., Kumar, D., Lewin, R., **McDermott, T.J.**, Giangrande, E.J., Shea, L.M., Tretyak, V., Beard, C., & Björgvinsson, T. (2024). Latent trajectories of depressive symptoms during a transdiagnostic partial hospitalization program. *Behavior Therapy*, 56(2), 334-351. <https://doi.org/10.1016/j.beth.2024.05.008>

42. Aupperle, R.L., Kuplicki, R., Tsuchiyagaito, A., Akeman, E.A., Sturycz-Taylor, C.A., DeVille, D.C., Lasswell, T., Misaki, M., Berg, H., **McDermott, T.J.**, Touhang, J., Ballard, E., Cha, C., Schacter, D.L., & Paulus, M.P. (2024). Ventromedial prefrontal cortex activation and neurofeedback modulation during episodic future thinking for individuals with suicidal thoughts and behaviors. *Behaviour Research and Therapy*, 176, 104522. <https://doi.org/10.1016/j.brat.2024.104522>

41. Berg, H., Akeman, E., **McDermott, T.J.**, Cosgrove, K.T., Kirlic, N., Clausen, A.N., Cannon, M.J., Yeh, H.W., White, E.J., Thompson, W.K., Choquette, E.M., Sturycz-Taylor, C.A., Cochran, G., Ramirez, S., Martell, C. Wolitzky-Taylor, K., Craske, M.G., Abelson, J.L., Paulus, M.P., & Aupperle, R.L. (2023). A randomized controlled trial examining response to behavioral activation and exposure-based therapy for generalized anxiety disorder. *Journal of Mood and Anxiety Disorders*, 1, 100004. <https://doi.org/10.1016/j.xjmad.2023.100004>

40. **McDermott, T.J.**, Berg, H., Touhang, J., Akeman, E., Cannon, M.J., Santiago, J., Cosgrove, K.T., Clausen, A.N., Kirlic, N., Smith, R., Craske, M., Abelson, J.L., Paulus, M.P., & Aupperle, R.L. (2022). Striatal reactivity during emotion and reward relates to approach-avoidance conflict behaviour and is altered in anxiety and depression. *Journal of Psychiatry and Neuroscience*, 47(5), E311-E322. <https://doi.org/10.1503/jpn.220083>

39. *Akeman, E., *Cannon, M.C., Kirlic, N., Cosgrove, K.T., DeVille, D.C., **McDermott, T.J.**, White, E.J., Cohen, Z.P., Paulus, M.P., & Aupperle, R.L. (2022). Active coping strategies and less pre-pandemic alcohol use relate to college student mental health during the COVID-19 pandemic. *Frontiers in Psychology*, 13, 926697. <https://doi.org/10.3389/fpsyg.2022.926697>

38. White E.J., Demuth, M., Nacke, M., Kirlic, N., Kuplicki, R., Spechler, P., **McDermott, T.J.**, DeVille, D., Tulsa 1000 investigators, Lowe, J., Paulus, M.P., & Aupperle, R.L. (2022). Neural processes underlying inhibitory control

in American Indian peoples is associated with reduced mental health problems. *Social, Cognitive, and Affective Neuroscience*, nsac045. <https://doi.org/10.1093/scan/nsac045>

37. Cosgrove, K.T., **McDermott, T.J.**, White, E.J., Mosconi, M.W., Thompson, W.K., Paulus, M.P., Cardenas-Iniguez, C., & Aupperle, R.L. (2022). Limits to the generalizability of resting-state functional magnetic resonance imaging studies of youth: An examination of ABCD Study® baseline data. *Brain Imaging and Behavior*, 16, 1919–1925. <https://doi.org/10.1007/s11682-022-00665-2>

36. Kirlic, N., Cohen, Z.P., Tsuchiyagaito, A., Misaki, M., **McDermott, T.J.**, Aupperle, R.L., Stewart, J.L., Singh, M.K., Paulus, M.P., & Bodurka, J. (2022). Self-regulation of the posterior cingulate cortex with real-time fMRI neurofeedback in healthy adolescents. *Cognitive, Affective, and Behavioral Neuroscience*, 22, 849–867. <https://doi.org/10.3758/s13415-022-00991-4>

35. **McDermott, T.J.**, Kirlic, N., Akeman, E., Touhang, J., Kuplicki, R., & Aupperle, R.L. (2021). Test-retest reliability of approach-avoidance conflict decision making during functional magnetic resonance imaging in healthy adults. *Human Brain Mapping*, 42, 2347–2361. <https://doi.org/10.1002/hbm.25371>

34. **McDermott, T.J.**, Lee, J.Y., Paquet, C.P., Huber, F.A., Sitz, A.L., Robertson, K., & Davis, J.D. (2021). Exposure, relaxation, and rescripting therapy could treat residual nightmares following PTSD treatment. *Psychiatry Research*, 295, 113630. <https://doi.org/10.1016/j.psychres.2020.113630>

33. White, E.J., Nacke, M., Akeman, E., Cannon, M.J., Mayeli, A., Touhang, J., Al Zoubi, O., **McDermott, T.J.**, Kirlic, N., Santiago, J., Kuplicki, R., Bodurka, J., Paulus, M.P., Craske, M., Wolitzky-Taylor, K., Abelson, J., Martell, C., Clausen, A.N., Stewart, J.L., & Aupperle, R.L. (2021). P300 amplitude during a monetary incentive delay task predicts future therapy completion in individuals with major depressive disorder. *Journal of Affective Disorders*, 295, 873–882. <https://doi.org/10.1016/j.jad.2021.08.106>

32. Kirlic, N., Akeman, E., DeVille, D.C., Yeh, H., Cosgrove, K.T., **McDermott, T.J.**, Touhang, J., Clausen, A.N., Paulus, M.P., & Aupperle, R.L. (2021). A machine learning analysis of risk and protective factors of suicidality in college students. *Journal of American College Health*, 1-10. <https://doi.org/10.1080/07448481.2021.1947841>

31. Akeman, E., White, E.J., Wolitzky-Taylor, K., Santiago, J., **McDermott, T.J.**, DeVille, D.C., Stewart, J.L., Paulus, M.P., Taylor, C.T., & Aupperle, R.L. (2021). Amplification of positivity therapy for co-occurring alcohol use disorder with depression and anxiety symptoms: feasibility study and case series. *Behavior Modification*, 46(5), 1021–1046. <https://doi.org/10.1177/01454455211030506>

30. Smith, R., Kirlic, N., Stewart, J.L., Touhang, J., Kuplicki, R., **McDermott, T.J.**, Khalsa, S., Paulus M.P., & Aupperle R.L. (2021). Long-term stability of computational parameters during approach-avoidance conflict in a transdiagnostic psychiatric patient sample. *Scientific Reports*, 11, 11783. <https://doi.org/10.1038/s41598-021-91308-x>

29. **McDermott, T.J.**, Kirlic, N., Akeman, E., Touhang, J., Cosgrove, K.T., DeVille, D.C., Clausen, A.N., White, E.J., Kuplicki, R., & Aupperle, R.L. (2020). Visual cortical regions show sufficient test-retest reliability while salience regions are unreliable during emotional face processing. *NeuroImage*, 220, 117077. <https://doi.org/10.1016/j.neuroimage.2020.117077>

28. Akeman, E., Kirlic, N., Clausen, A.N., Cosgrove, K.T., **McDermott, T.J.**, Paulus, M.P., Cromer, L.D., Yeh, H., & Aupperle, R.L. (2020). A pragmatic clinical trial examining the impact of a resilience program on college student mental health. *Depression and Anxiety*, 37(3), 202–213. <https://doi.org/10.1002/da.22969>

27. Santiago, J., Akeman, E., Kirlic, N.K., Clausen, A.N., Cosgrove, K.T., **McDermott, T.J.**, Mathis, B., Paulus, M., Craske, M., Abelson, J., Martell, C., Wolitzky-Taylor, K., Bodurka, J., Thompson, W., & Aupperle, R.L. (2020). Multi-level prediction of behavior therapy response in generalized anxiety disorder. *Trials*, 21, 17. <https://doi.org/10.1186/s13063-019-3802-9>

26. **McDermott, T.J.**, Wiesman, A.I., Mills, M.S., Spooner, R.K., Coolidge, N.M., Proskovec, A.L., Heinrichs-Graham, E., & Wilson, T.W. (2019). tDCS inhibits behavioral performance and modulates the neural oscillatory dynamics serving visual selective attention. *Human Brain Mapping*, 40(3), 729–740. <https://doi.org/10.1002/hbm.24405>

25. Embury, C.M., Wiesman, A.I., **McDermott, T.J.**, Proskovec, A.L., Heinrichs-Graham, E., Lord, G.H., Brau, K.L., Drincic, A.T., Desouza, C.V., & Wilson, T.W. (2019). The impact of type 1 diabetes on neural activity serving attention. *Human Brain Mapping*, 40(4), 1093–1100. <https://doi.org/10.1002/hbm.24431>

24. Trevarrow, M.P., Kurz, M.J., **McDermott, T.J.**, Wiesman, A.I., Mills, M.S., Wang, Y.P., Calhoun, V.D., Stephen, J.M., & Wilson, T.W. (2019). The developmental trajectory of sensorimotor cortical oscillations. *NeuroImage*, 184, 455–461. <https://doi.org/10.1016/j.neuroimage.2018.09.018>

23. **McDermott, T.J.**, Kirlic, N., & Aupperle, R.L. (2018). Roadmap for optimizing the clinical utility of stress paradigms in human neuroimaging research. *Neurobiology of Stress*, 8, 134-136. <https://doi.org/10.1016/j.ynstr.2018.05.001>

22. Lew, B.J., **McDermott, T.J.**, Wiesman, A.I., O'Neill, J., Mills, M.S., Robertson, K.R., Fox, H.S., Swindells, S., Wilson, T.W. (2018). Neural dynamics of selective attention deficits in HIV-associated neurocognitive disorder. *Neurology*, 91(20), e1860-e1869. <https://doi.org/10.1212/WNL.0000000000006504>

21. Wiesman, A.I., Mills, M.S., **McDermott, T.J.**, Spooner, R.K., Coolidge, N.M., & Wilson, T.W. (2018). Polarity-dependent modulation of multi-spectral attention networks by transcranial direct current stimulation. *Cortex*, 108, 222-233. <https://doi.org/10.1016/j.cortex.2018.08.012>

20. Heinrichs-Graham, E., **McDermott, T.J.**, Mills, M.S., Wiesman, A.I., Wang, Y.P., Stephen, J.M., Calhoun, V.D., & Wilson, T.W. (2018). The lifespan trajectory of neural oscillatory activity in the motor system. *Developmental Cognitive Neuroscience*, 30, 159-168. <https://doi.org/10.1016/j.dcn.2018.02.013>

19. Embury, C.M., Wiesman, A.I., Proskovec, A.L., Heinrichs-Graham, E., **McDermott, T.J.**, Lord, G.H., Brau, K.L., Drincic, A., Desouza, C.V., & Wilson, T.W. (2018). Altered brain dynamics in patients with type 1 diabetes during working memory processing. *Diabetes*, 67, 1140-1148. <https://doi.org/10.2337/db17-1382>

18. Proskovec, A.L., Heinrichs-Graham, E., **McDermott, T.J.**, & Wilson, T.W. (2018). Oscillatory dynamics in the dorsal and ventral attention systems during the reorienting of attention. *Human Brain Mapping*, 39(5), 2177-2190. <https://doi.org/10.1002/hbm.23997>

17. Badura Brack, A.S., **McDermott, T.J.**, Ryan, T.J., Pine, D.S., Bar-Haim, Y., Khanna, M.M., Heinrichs-Graham, E. Veterans with PTSD demonstrate amygdala hyperactivity while viewing threatening faces: A MEG study. *Biological Psychology*, 132, 228-232. <https://doi.org/10.1016/j.biopsych.2018.01.005>

16. **McDermott, T.J.**, Wiesman, A.I., Proskovec, A.L., Heinrichs-Graham, E., & Wilson, T.W. (2017). Spatiotemporal oscillatory dynamics of visual selective attention during a flanker task. *NeuroImage*, 156, 277-285. <https://doi.org/10.1016/j.neuroimage.2017.05.014>

15. Badura Brack, A.S., **McDermott, T.J.**, Becker, K.M., Ryan, T.J., Khanna, M.M., Pine, D.S., Bar-Haim, Y., Heinrichs-Graham, E., & Wilson, T.W. (2017). Attention training modulates resting-state neurophysiological abnormalities in posttraumatic stress disorder. *Psychiatry Research: Neuroimaging*, 271, 135-141. <https://doi.org/10.1016/j.pscychresns.2017.11.008>

14. Wiesman, A.I., Heinrichs-Graham, E., Proskovec, A.L., **McDermott, T.J.**, & Wilson, T.W. (2017). Oscillations during observations: Dynamic oscillatory networks serving visuospatial attention. *Human Brain Mapping*, 38(10), 5128-5140. <https://doi.org/10.1002/hbm.23720>

13. Badura Brack, A.S., Heinrichs-Graham, E., **McDermott, T.J.**, Becker, K.M., Ryan, T.J., Khanna, M.M., & Wilson, T.W. Resting-state neurophysiological abnormalities in posttraumatic stress disorder: A magnetoencephalography study (2017). *Frontiers in Human Neuroscience*, 11, 205. <https://doi.org/10.3389/fnhum.2017.00205>

12. Khanna, M.M., Badura Brack, A.S., **McDermott, T.J.**, Shepherd, A., Ryan, T.J., Heinrichs-Graham, E., & Wilson, T.W. (2017). Veterans with post-traumatic stress disorder exhibit altered emotional processing and attentional control during an emotional Stroop task. *Psychological Medicine*, 47(11), 2017-2027. <https://doi.org/10.1017/S0033291717000460>

11. Wilson, T.W., **McDermott, T.J.**, Mills, M.S., Coolidge, N.M., & Heinrichs-Graham, E. (2017). tDCS modulates visual gamma oscillations and basal alpha activity in occipital cortices: evidence from MEG. *Cerebral Cortex*, 28(5), 1597-1609. <https://doi.org/10.1093/cercor/bhw055>

10. Heinrichs-Graham, E., **McDermott, T.J.**, Mills, M.S., Coolidge, N.M., & Wilson, T.W. (2017) Transcranial direct-current stimulation modulates offline visual oscillatory activity: A magnetoencephalography study. *Cortex*, 88, 19-31. <https://doi.org/10.1016/j.cortex.2016.11.016>

9. Bartholomew, T.T., Badura Brack, A.S., Leak, G., Hearley, A., & **McDermott, T.J.** (2017). Perceived Ability to Cope with Trauma among U.S. combat veterans. *Military Psychology*, 29(3), 165-176. <https://doi.org/10.1037/mil0000150>

8. **McDermott, T.J.**, Badura Brack, A.S., Becker, K.M., Ryan, T.J., Bar-Haim, Y., Pine, D.S., Abend, R., Khanna, M.M., Heinrichs-Graham, E., & Wilson, T.W. (2016). Attention training improves aberrant neural dynamics

during working memory processing in veterans with PTSD. *Cognitive, Affective, and Behavioral Neuroscience*, 16(6), 1140-1149. <https://doi.org/10.3758/s13415-016-0459-7>

7. **McDermott, T.J.**, Badura Brack, A.S., Becker, K.M., Ryan, T.J., Khanna, M.M., Heinrichs-Graham, E., & Wilson, T.W. (2016). Male veterans with PTSD exhibit aberrant neural dynamics during working memory processing: An MEG study. *Journal of Psychiatry and Neuroscience*, 41(4), 251-60. <https://doi.org/10.1503/jpn.150058>
6. Wiesman, A.I., Heinrichs-Graham, E., **McDermott, T.J.**, Santamaria, P.M., Gendelman, H.E., & Wilson, T.W. (2016). Quiet connections: Reduced fronto-parietal connectivity in non-demented Parkinson's disease during working memory encoding. *Human Brain Mapping*, 37(9), 3224-35. <https://doi.org/10.1002/hbm.23237>
5. Wilson, T.W., Heinrichs-Graham, E., Proskovec, A.L., & **McDermott, T.J.** (2016). Neuroimaging with magnetoencephalography: A dynamic view of brain pathophysiology. *Translational Research*, 175, 17-36. <https://doi.org/10.1016/j.trsl.2016.01.007>
4. Khanna, M.M., Badura Brack, A.S., **McDermott, T.J.**, Shepherd, A., Heinrichs-Graham, E., Pine, D.S., Bar-Haim, Y., & Wilson, T.W. (2015). Attention training normalizes combat-related PTSD effects on emotional Stroop performance using lexically matched word lists. *Cognition and Emotion*, 30(8), 1521-1528. <https://doi.org/10.1080/02699931.2015.1076769>
3. Badura Brack, A.S., Naim, R., Ryan, T.J., Levy, O., Abend, R., Khanna, M.M., **McDermott, T.J.**, Pine, D.S., & Bar-Haim, Y. (2015). Attention training reduces attention bias variability and PTSD symptoms: Randomized controlled trials in Israeli and U.S. combat veterans. *American Journal of Psychiatry*, 172(12), 1233-1241. <https://doi.org/10.1176/appi.ajp.2015.14121578>
2. Badura Brack, A.S., Becker, K.M., **McDermott, T.J.**, Ryan, T.J., Becker, M.M., Hearley, A.R., Heinrichs-Graham, E., & Wilson, T.W. (2015). Decreased somatosensory activity to non-threatening touch in male combat veterans with posttraumatic stress disorder. *Psychiatry Research: Neuroimaging*, 233(2), 194-200. <https://doi.org/10.1016/j.pscychresns.2015.06.012>
1. Abrams, J., Hsu, K., Kondrashov, D., **McDermott, T.J.**, Zucherman, J. (2013). Treatment of facet cysts associated with neurogenic intermittent claudication with x-stop. *Journal of Spinal Disorders and Techniques*, 26(4), 218-221. <https://doi.org/10.1097/BSD.0b013e31823fadda>

Book Chapters:

1. Aupperle, R.L., **McDermott, T.J.**, White, E., & Kirlic, N. (2023). The neuropsychology of anxiety: An approach-avoidance decision-making framework. In G.G. Brown, T.Z. King, K.Y. Haaland, & B. Crosson (Eds.), *APA handbook of neuropsychology, Vol. 1. Neurobehavioral disorders and conditions: Accepted science and open questions* (pp. 767-787). American Psychological Association. <https://doi.org/10.1037/0000307-036>

Under Review Manuscripts:

3. *Ryan, J.S., ***McDermott, T.J.**, Botzanowski, B., Kubert, J.R., Betters, S., Oluwagbohunmi, A., Frandsen, S., Fulton, T.M., Williamson, A., #Treadway, M.T., & #Fani, N. Ventral striatum temporal interference brain stimulation enhances the reward-positivity event-related potential and reduces anxiety.
2. *Kondas, A., *Ahluwalia, V., Siegle, G.J., **McDermott, T.J.**, Guelfo, A., Fulton, T.M., Elbasheir, A., Karkare, M.C., Ely, T.D., Johnston, A., Krawczak, R., Krafty, R.T., & Fani, N. Sternal vibration enhances white matter density and interoceptive awareness in individuals with post-traumatic stress.
1. Riddle, J., Carlton, C.N., Bondy, E., **McDermott, T.J.**, Mahan, D., Daughters, S., Schiller, C.E., & Frohlich, F. Targeting the lateral frontal hierarchy with delta-beta transcranial alternating current stimulation during behavioral activation psychotherapy in people with major depressive disorder.

In Preparation Manuscripts:

2. **McDermott, T.J.**, Tsuchiyagaito, A., Ramirez, S., Cannon, M.J., Akeman, E., Touthang, J., Misaki, M., & Aupperle, R.L. Real-time fMRI neurofeedback of dorsolateral prefrontal cortex during emotional cognitive control: A randomized controlled trial.
1. ***McDermott, T.J.**, *Steelman, Z., Jackson, L.E., Cavanagh, J.F., & Riddle, J. Reward is translated into goal-directed behavior via medial to lateral prefrontal delta oscillations.

PRESENTATIONS

Oral Presentations and Symposia:

12. Aupperle, R.L., Berg, H., **McDermott, T.J.**, Akeman, E., Kuplicki, R., Robinson, A., Touhang, J., & Paulus, M.P. (2025, April). *Approach-avoidance conflict and exploratory behavior in relation to anxiety and behavioral treatment outcome*. Symposium presentation at the annual meeting of the Anxiety and Depression Association of America (ADAA), Las Vegas, NV.

11. **McDermott, T.J.**, Siegle, G.J., & Fani, N. (2025, March). *Neural mechanisms of vibroacoustically augmented breath focused mindfulness for dissociative trauma-exposed people*. Presentation as part of the “Bringing Neurobiological Insights on Trauma and Dissociation into Therapeutic Practice” pre-conference workshop at the annual meeting of the International Society for the Study of Trauma and Dissociation (ISSTD), Boston, MA.

10. Siegle, G.J., Krawczak, R., Guelfo, A., Johnson, A., Jagadeesh, D., Strege, M., Krafty, R., Ahluwalia, V., **McDermott, T.J.**, Fani, N. (2024, November). *Augmenting mindfulness to enhance interoception with breath-synchronized vibration*. Symposium presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies (ABCT), Philadelphia.

9. Aupperle, R.L., **McDermott, T.J.**, Kirlic, N., Akeman, E., Santiago, J., Clausen, A.N., Martell, C., Wolitzky-Taylor, K., Abelson, J., Craske, M., & Paulus, M.P. (2021, March). *Approach-avoidance predictors and mechanisms of behavioral therapy response for generalized anxiety disorder*. Symposium presentation at the annual meeting of ADAA, Virtual Conference.

8. Aupperle, R.L., Akeman, E., Kirlic, N., **McDermott, T.J.**, DeVille, D., & Yeh, H. (2021, March). *A machine learning approach to identifying risk and protective factors for suicidal ideation in first year college students*. Symposium presentation at the annual meeting of ADAA, Virtual Conference.

7. Aupperle, R.L., Tsuchiyagaito, A., **McDermott, T.J.**, Akeman, E., Santiago, J., Kirlic, N., DeVille, D., Smith, J., Paulus, M.P., & Bodurka, J. (2021, March). *Can ventromedial prefrontal cortex fMRI neurofeedback training focused on positively-valenced future thinking be useful for individuals experiencing suicidal thoughts?* Symposium presentation at the annual meeting of ADAA, Virtual Conference.

6. Aupperle, R.L., **McDermott, T.J.**, Kirlic, N., Akeman, E., Santiago, J., Clausen, A.N., Martell, C., Wolitzky-Taylor, K., Abelson, J., Craske, M., Paulus, M. (2019, July). *Predicting CBT response for Generalized Anxiety Disorder and Major Depressive Disorder: A neuroimaging approach*. Symposium presentation at the 2019 World Congress of Behavioral and Cognitive Therapies (WCBCT), Berlin, Germany.

5. Aupperle, R.L., Kuplicki, R., Deville, D.C., Khalsa, S., Yeh, H., **McDermott, T.J.**, Kirlic, N., Victor, T., Paulus, M.P., & Tulsa 1000 Investigators. (2019, May). *Psychosocial and neural factors contributing to suicide risk in a large, transdiagnostic sample*. Symposium presentation at the annual meeting of SOBP, Chicago, IL.

4. Aupperle, R.L., **McDermott, T.J.**, Kirlic, N., Akeman, E., Clausen, A., Paulus, M.P., Craske, M., Abelson, J., & Yeh, H. (2019, March). *Behavioral activation treatment response relates to neural activation during anticipation of reward and loss*. Symposium presentation at the annual meeting of ADAA, Chicago, IL.

3. Aupperle, R.L., Akeman, E., **McDermott, T.J.**, Misaki, M., Clausen, A., Kirlic, N., & Cromer, L. (2019, March). *Impact of resiliency training on mental health symptoms and resting-state connectivity for first-semester college students*. Symposium presentation at the annual meeting of ADAA, Chicago, IL.

2. Kirlic, N., **McDermott, T.J.**, Akeman, E., & Aupperle R.L. (2019, March). *Neural correlates of approach-avoidance conflict decision-making in a transdiagnostic sample*. Symposium presentation at the annual meeting of ADAA, Chicago, IL.

1. **McDermott, T.J.**, McBain, S., Luciano, M.T., Bui, E., Patel, A., & Cogan, C.M. (2018, November). *Everything you ever wanted to know about getting into graduate school and beyond: Perspectives on early career in traumatic stress studies*. Panel presentation at the annual meeting of the ISTSS, Washington, DC.

Poster Presentations:

81. Oluwagbohunmi, A., Ryan, J.S., Betters, S., Pillsbury, T., Conway, C., Kubert, J.R., Restrepo, K., Fulton, T.M., **McDermott, T.J.**, Williamson, A., [#]Fani, N., & [#]Treadway, M.T. Temporal interference brain stimulation of bilateral ventral striatum modulates reward-positivity event-related potentials. Abstract submitted for presentation at the annual meeting of the SOBP, New York, NY.

80. **McDermott, T.J., Steelman, Z., & Riddle, J.** (2026, January). Prefrontal delta dynamics support the translation of reward value into goal-directed behavior in major depressive disorder Abstract accepted for presentation at the annual meeting of the American College of Neuropsychopharmacology (ACNP), Nassau, Bahamas.

79. **McDermott, T.J.,** Johnston, A., Krawczak, R., Jagadeesh, D., Savoie, C., Guelfo, A., Fulton, T.M., Elbasheir, A., [#]Fani, N., & [#]Siegle, G.J. (2026, January). Sternal vibration during mindfulness reduces frontoparietal theta and emotional numbness in dissociative trauma-exposed adults: An electroencephalography study. Abstract accepted for presentation at the annual meeting of ACNP, Nassau, Bahamas.

78. Fulton, T.M., Guelfo, A., Elbasheir, A., **McDermott, T.J.,** Ely, T.D., Ahluwalia, V., [#]Siegle, G.J., & [#]Fani, N. (2026, January). Effects of sternal vibration during mindfulness meditation on executive control networks in trauma-exposed adults. Abstract accepted for presentation at the annual meeting of the ACNP, Nassau, Bahamas.

77. **McDermott, T.J.,** Ryan, J.S., Botzanowski, B., Kubert, J., Betters, S., Oluwagbohunmi, A., Fulton, T.M., Williamson, A., Treadway, M.T., & Fani, N. (2025, April). *Temporal interference brain stimulation of bilateral striatum during breath-focused mediation practice enhances the reward-positivity event-related potential.* Presentation at the annual meeting of the Society of Biological Psychiatry (SOBP), Toronto, ON.

76. Elbasheir, A., Fleming, L.L., Harnett, N.G., Guelfo, A., Fulton, T.M., **McDermott, T.J.,** Ely, T.D., Stevens, J.S., & Fani, N. (2025, April). *Racial discrimination associates with disrupted somatomotor network modularity and clustering in Black women.* Presentation at the annual meeting of SOBP, Toronto, ON.

75. Daube, A., McDermott, T.J., Siegle, G.J., Guelfo, A., Karkare, M.C., Krawczak, R., Johnston, A., Kondas, A., Ely, T.D., Ahluwalia, V., Elbasheir, A., Fulton, T.M., Lathan, E.C., Krafty, R.T., & Fani, N. (2025, April). *Breath-focused mindfulness training improves attentional control in a diverse trauma-exposed sample.* Presentation at the annual meeting of SOBP, Toronto, ON.

74. Kondas, A., McDermott, T.J., Karkare, M.C., Guelfo, A., Krawczak, R., Johnston, A., Elbasheir, A., Fulton, T.M., Jagadeesh, D., Semerod, J., Ahluwalia, V., Krafty, R.T., Siegle, G.J., & Fani, N. (2025, May). *Effects of vibration-augmented mindfulness on white matter microstructural integrity in trauma-exposed adults with elevated dissociation.* Presentation at the annual meeting of SOBP, Toronto, ON.

73. **McDermott, T.J.,** Siegle, G.J., Guelfo, A., Krawczak, R., Johnston, A., Ely, T.D., Kondas, A., Elbasheir, A., Fulton, T.M., Karkare, M.C., Jagadeesh, D., Semerod, J., Ahluwalia, V., Krafty, R.T., & Fani, N. (2025, April). *Neurophysiological changes associated with vibration-augmented breath-focused mindfulness in dissociative trauma-exposed people.* Presentation at the annual meeting of ADAA, Las Vegas, NV.

72. **McDermott, T.J.,** Johnston, A., Krawczak, R., Semerod, J., Jagadeesh, D., Fani, N., & Siegle, G.J. (2024, December). *Neurophysiological correlates of emotional numbing during mindfulness training in dissociative trauma-exposed adults: An electroencephalography study.* Presentation at the annual meeting of ACNP, Phoenix, AZ.

71. Elbasheir, A., Bond, R., Michopoulos, V., Harnett, N.G., Guelfo, A., Karkare, M.C., Fulton, T.M., Ely, T.D., **McDermott, T.J.,** Lanius, R.A., Bradley, B., Powers, A., Siegle, G.J., & Fani, N. (2024, December). *Racial discrimination, insula connectivity and emotion dysregulation in trauma-exposed Black American women.* Presentation at the annual meeting of ACNP, Phoenix, AZ.

70. Fulton, T.M., Guelfo, A., Elbasheir, A., **McDermott, T.J.,** Lee, J., Tona, I., Vishwadeep, A., Ely, T., Powers, A., Siegle, G., Fani, N. (2024, December). *Resting-state signatures of betrayal-related moral injury and associations with rumination in a trauma-exposed civilian population.* Presentation at the annual meeting of ACNP, Phoenix, AZ.

69. Johnston, A., Guelfo, A., **McDermott, T.J.,** Krawczak, R., Ahluwalia, V., Fani, N., & Siegle, G.J. (2024, November). *Homelessness as a risk factor for neural and physiological sequelae of trauma.* Presentation at the annual meeting of ABCT, Philadelphia, PA.

68. **McDermott, T.J.,** Siegle, G.J., Guelfo, A., Huynh, K., Karkare, M.C., Krawczak, R., Johnston, A., Semerod, J., Jagadeesh, D., Elbasheir, A., Fulton, T., Lathan, E.C., Krafty, R.T., & Fani, N. (2024, October). *Find your rhythm and regulate: Breath-synced vibration feedback during breath-focused mindfulness reduces respiration variability in trauma-exposed adults.* Presentation at the annual meeting of the Society for Psychophysiological Research (SPR), Prague, CZ.

67. Fulton, T.M., **McDermott, T.,** Guelfo, A., Elbasheir, A., Karkare, M., Vishwadeep, A., Ely, T., Powers, A., Bradley, B., Siegle, G., & Fani, N. *Resting-state neural activity associated with betrayal-related moral injury is linked to increased emotional dysregulation in dissociative trauma-exposed adults.* Presentation at the annual meeting of the International Society for Traumatic Stress Studies (ISTSS), Boston, MA.

66. Jagadeesh, D., Johnston, A., Savoie, C., Guelfo, A., **McDermott, T.J.**, Strege, M., Fani, N., & Siegle, G.J. (2024, September). *Roles of medication and therapy in mindfulness-based interventions for trauma-exposed individuals*. Presentation at the annual meeting of ISTSS, Boston, MA.

65. Botzanowski, B., Ryan, J., Karkare, M., Fulton, T., Kubert, J., Liu, S., Betters, S., Williamson, A., **McDermott, T.J.**, Treadway, M., & Fani, N. (2024, May). *Exploring the cumulative effects of temporal interference stimulation of the dorsomedial prefrontal cortex on performance of an affective attentional control task performance*. Presentation at the annual meeting of SOBP, Austin, TX.

64. Elbasheir, A., Siegle, G.J., Guelfo, A., Karkare, M.C., Fulton, T., **McDermott, T.J.**, Bond, R., Ely, T.D., Bradley, B., & Fani, N. (2024, May). *Racial discrimination, disruptions in interoceptive network connectivity and dissociation in trauma-exposed Black American women*. Presentation at the annual meeting of SOBP, Austin, TX.

63. **McDermott, T.J.**, Siegle, G.J., Ahluwalia, V., Ely, T.D., Kondas, A., Guelfo, A., Krawczak, R., Johnston, A., Semerod, J., Elbasheir, A., Fulton, T., Lathan, E.C., Krafty, R.T., & Fani, N. (2024, April). *Mindfulness training reduces anhedonia symptoms in trauma-exposed people with elevated dissociation and modifies relationships between neural markers of positive salience*. Presentation at the annual meeting of ADAA, Boston, MA.

62. Berg, H., Eun, Y.J., **McDermott, T.J.**, Paulus, M.P., & Aupperle, R.L. (2024, April). *Striatal activity during loss anticipation predicts anxiety reductions during behavioral activation and exposure-based therapies for adults with generalized anxiety disorder*. Presentation at the annual meeting of ADAA, Boston, MA.

61. Kondas, A., **McDermott, T.J.**, Ahluwalia, V., Haller, O.C., Karkare, M.C., Guelfo, A., Daube, A., Bradley, B., Powers, A., Stevens, J.S., Ressler, K.J., Siegle, G.J., & Fani, N. (2024, April). *White matter correlates of dissociation within a large trauma-exposed female population*. Presentation at the annual meeting of ADAA, Boston, MA.

60. Hoffman, K., Choucair, K., Miao, A., **McDermott, T.J.**, Karkare, M.C., Guelfo, A., Elbasheir, A., Fulton, T., Johnston, A., Krawczak, R., Siegle, G.J., Abbas, A., & Fani, N. (2024, April). *Biomarkers of Emotional Expressivity in Post-Traumatic Stress Disorder Pre- and Post-Mindfulness Intervention*. Presentation at the annual meeting of ADAA, Boston, MA.

59. **McDermott, T.J.**, Seligowski, A.V., Rutter, L.A., Barch, D.M., Joormann, J., McLean, S.A., Martini, P., [#]Ressler, K.J., & [#]Germine, L. (2023, December). *Neurocognitive task performance predicts PTSD symptoms in the first-year post-trauma*. Presentation at the annual meeting of ACNP, Tampa, FL.

58. Berg, H., **McDermott, T.J.**, Kuplicki, R., Yeh, H.W., Thompson, W.K., Smith, R., Akeman, E., Kirlic, N., Clausen, A.N., Cannon, M.J., White, E.J., Martell, C.R., Wolitzky-Taylor, K., Craske, M.G., Abelson, J.L., Paulus, M.P., & Aupperle, R.L. *Neural responses to approach-avoidance conflict predict response to behavioral therapy for adults with GAD*. Presentation at the annual meeting of ACNP, Tampa, FL.

57. Cannon, M.J., Choquette, E.M., Akeman, E., Berg, H., **McDermott, T.J.**, & Aupperle, R.L. (2023, November). *Investigating the role of neuropsychological functioning in anxiety, depression, and therapy outcomes*. Presentation at the annual meeting of ABCT, Seattle, WA.

56. **McDermott, T.J.**, Bogdanov, M., Tatham, J., Howell A.L., Osman, A., Rubbani S., Irujo C., Chen J.J., Linton, S., Seligowski, A.V., Ressler, K.J., & Pizzagalli, D.A. (2023, September). *Examination of the N2 event-related potential during a flanker task in an adult inpatient psychiatric sample and its relationship to anhedonia: Feasibility and preliminary findings*. Presentation at the annual meeting of SPR, New Orleans, LA.

55. Berg, H., **McDermott, T.J.**, Akeman, E., Santiago, J., Touhang, J., Cosgrove, K.T., Cannon, M.J., Yeh, H.-Y., Clausen, A.N., Kirlic, N., Thompson, W., Choquette, E., Sturycz-Taylor, C., Smith, R., Martell, C.R., Wolitzky-Taylor, K.B., Craske, M.G., Abelson, J.L., Bodurka, J., Paulus, M.P., & Aupperle, R.L. (2023, April). *Behavioral activation and exposure therapy improve anxiety symptoms and alter neural processing of approach-avoidance conflict*. Presentation at the annual meeting of ADAA, Washington, DC.

54. **McDermott, T.J.**, Tsuchiyagaito, A., Ramirez, S., Cannon, M.J., Touhang, J., Misaki, M., & Aupperle, R.L. (2022, December). *Real-time fMRI neurofeedback of dorsolateral prefrontal cortex during emotional cognitive control: A randomized controlled trial*. Presentation at the annual meeting of ACNP, Phoenix, AZ.

53. Berg, H., **McDermott, T.J.**, Akeman, E., Santiago, J., Touhang, J., Cosgrove, K.T., Cannon, M.J., Clausen, A.N., Kirlic, N., Smith, R., Martell, C.R., Wolitzky-Taylor, K.B., Craske, M.G., Abelson, J.L., Bodurka, J., Paulus, M.P., & Aupperle, R.L. (2022, December). *Behavioral activation and exposure therapy improve anxiety symptoms and alter neural processing of approach-avoidance conflict*. Presentation at the annual meeting of ACNP, Phoenix, AZ.

52. **McDermott, T.J.**, Touhang, J., Ramirez, S., Cannon, M.J., Davis, J.D., & Aupperle, R.L. (2022, November). *Neurocognitive markers of trauma resilience and sleep-related impairment in healthy adults*. Presentation at the annual meeting of ISTSS, Atlanta, GA.

51. **McDermott, T.J.**, Webber, T.K., Noble, N.C., Merker, J.B., Hinrichs, R., Davie, W., Wiltshire, C., Ressler, K.J., Jovanovic, T., & Seligowski, A.V. (2022, November). *Estradiol is associated with greater sympathetic activity in trauma-exposed women*. Presentation at the annual meeting of ISTSS, Atlanta, GA.

50. Cosgrove, K.T., Truby, T.M., **McDermott, T.J.**, White, E.J., Cardenaz-Iniguez, C., Paulus, M.P., Thompson, W., & Aupperle, R.L. (2022, September). *Impact of rs-fMRI motion thresholding on sociodemographic characteristics and functional connectivity in the ABCD Study®*. Presentation at the annual Flux Society meeting, Paris, France.

49. Ren, X., Nacke, M., White, E.J., Akeman, E., Cannon, M.J., Mayeli, A., Touhang, J., al Zoubi, O., **McDermott, T.J.**, Kirlic, N., Santiago, J., Kuplicki, R., Bodurka, J., Paulus, M.P., Craske, M.G., Wolitzky-Taylor, K.B., Abelson, J.L., Martell, C.R., Clausen, A.N., Aupperle, R.L., & Stewart, J.L. (2022, May). *Waiting for the payoff: Electrical anticipation response in individuals with depression/anxiety disorders*. Presentation at the annual meeting of SOBP, New Orleans, LA.

48. **McDermott, T.J.**, Akeman, E., Santiago, J., Touhang, J., Cosgrove, K.T., Cannon, M.J., Berg, H., Clausen, A.N., Kirlic, N., Smith, R., Martell, C.R., Wolitzky-Taylor, K.B., Craske, M.G., Abelson, J.L., Bodurka, J., Paulus, M.P., & Aupperle, R.L. (2022, March). *Neural predictors of behavioral therapy response during approach-avoidance conflict decision-making in adults with generalized anxiety disorder*. Presentation at the annual meeting of ADAA, Denver, CO.

47. Berg, H., **McDermott, T.J.**, Akeman, E., Santiago, J., Touhang, J., Cosgrove, K.T., Cannon, M.J., Clausen, A.N., Kirlic, N., Smith, R., Martell, C.R., Wolitzky-Taylor, K.B., Craske, M.G., Abelson, J.L., Bodurka, J., Paulus, M.P., & Aupperle, R.L. (2022, March). *Behavioral activation and exposure-based therapies modulate dorsolateral prefrontal cortex activity during approach-avoidance conflict decision-making*. Presentation at the annual meeting of ADAA, Denver, CO.

46. White E.J., Demuth, M., Nacke, M., Kirlic, N., Kuplicki, R., Spechler, P., **McDermott, T.J.**, DeVille, D., T1000 investigators, Lowe, J., Paulus, M.P., & Aupperle, R.L. (2021, December). *Neural processes of inhibitory control in American Indian peoples are associated with reduced mental health difficulties*. Presentation at the annual meeting of ACNP, San Juan, Puerto Rico.

45. Aupperle, R.L., **McDermott T.J.**, Ford, B.N., Yeh, H.W., Akeman, E., Cosgrove, K.T., Clausen, A.N., Martell, C., Kirlic, N., Santiago, J., Teague, T.K., Irwin, M.R., Paulus, M.P., & Savitz, J. (2021, December). *Kynurenone metabolites as mechanistic biomarkers for behavioral therapy*. Presentation at the annual meeting of ACNP, San Juan, Puerto Rico.

44. **McDermott T.J.**, Kirlic, N., Smith, R., Akeman, E., Santiago, J., Touhang, J., Cannon, M.J., Clausen, A.N., Craske, M., Abelson, J.L., Bodurka, J., Paulus, M.P., & Aupperle, R.L. (2021, November). *Brain-behavioral associations during approach-avoidance conflict decision-making in relation to generalized anxiety disorder (GAD)*. Presentation at the annual meeting of the Association of Behavioral and Cognitive Therapies (ABCT), Virtual Conference.

43. Cannon, M.J., **McDermott, T.J.**, Touhang, J., Smith, R., Kirlic, N., Akeman, E., Paulus, M.P., & Aupperle, R.L. (2021, November). *Examination of approach-avoidance conflict behavior, trauma history, and treatment completion for women with substance use disorders*. Presentation at the annual meeting of ABCT, Virtual Conference.

42. Akeman, E., Kirlic, N., Cosgrove, K.T., **McDermott, T.J.**, DeVille, D.C., White, E.J., Cannon, M.C., & Aupperle, R.L. (2021, November). *Mental health trajectory and resilience factors of college students through the COVID-19 pandemic*. Presentation at the annual meeting of ABCT, Virtual Conference.

41. Cosgrove, K.T., **McDermott, T.J.**, Mosconi, M.W., Breslin, F.J., Paulus, M.P., Morris, A.S., & Aupperle, R.L. (2021, September). *Demographic and mental and physical health differences between recommended and non-recommended samples for resting-state fMRI analyses in the ABCD Study*. Presentation at the annual Flux Society meeting, Virtual Conference.

40. **McDermott, T.J.**, Kirlic, N., Smith, R., Akeman, E., Santiago, J., Touhang, J., Clausen, A.N., Craske, M., Abelson, J., Bodurka, J., Paulus, M.P., & Aupperle, R.L. (2021, May). *Neurobehavioral relationships during an approach-avoidance conflict decision-making task in adults with major depressive disorder during fMRI*. Presentation at the annual meeting of SOBP, Virtual Conference.

39. **McDermott, T.J.**, Kirlic, N., Akeman, E., Touhang, J., Kuplicki, R., & Aupperle, R.L. (March, 2021). *Test-retest reliability of approach-avoidance conflict decision making during functional magnetic resonance imaging in healthy adults*. Presentation at the annual meeting of ADAA, Virtual Conference.

38. Aupperle, R.L., Tsuchiyagaito, A., **McDermott, T.J.**, Akeman, E., Santiago, J., Kirlic, N., DeVille, D., Smith, J., Paulus, M.P., & Bodurka, J. (2020, December). *Ventromedial prefrontal cortex fMRI neurofeedback training during*

positively-valenced future thinking with participants experiencing suicidal thoughts – a feasibility study.
Presentation at the annual meeting of ACNP, Virtual Conference.

37. Akeman, E., Kirlic, N., Cosgrove, K.T., DeVille, D., **McDermott, T.J.**, & Aupperle, R.L. (2020, November). *Exploration of the potential impact of a resilience-based intervention on suicidal ideation and positive affect during the first semester of college.* Presentation at the annual meeting of ABCT, Virtual Conference.
36. Aupperle, R.L., Smith, R., Kirlic, N., **McDermott, T.J.**, Akeman, E., Santiago, J., Clausen, A.N., Martell, C., Wolitzky-Taylor, K., Abelson, J., Craske, M., Paulus, M. (2019, December). *A computational approach-avoidance framework for predicting CBT response for Generalized Anxiety Disorder and Major Depressive Disorder.* Presentation at the annual meeting of ACNP, Orlando, FL.
35. **McDermott, T.J.**, Cogan, C.M., Paquet, C., Crowley, M., Lee, J., Pruiksma, K.E., Cranston, C.C., Rhudy, J.L., & Davis, J.L. (2019, November). *Predictive value of co-morbid depression on treatment outcomes of Exposure, Relaxation, and Rescripting Therapy (ERRT) for individuals with PTSD and trauma-related nightmares.* Presentation at the annual meeting of ISTSS, Boston, MA.
34. **McDermott, T.J.**, Puhl, M., Kirlic, N., Akeman, E., Al Zoubi, O., Feinstein, J.S., & Aupperle, R.L. (2019, May). *Emotional patterns: Multivariate pattern analysis and test-retest reliability of an fMRI emotional faces task.* Presentation at the annual meeting of SOBP, Chicago, IL.
33. **McDermott, T.J.**, Akeman, E., Kirlic, N., Cosgrove, K.T., Clausen, A.N., Cromer, L.D., & Aupperle, R.L. (2019, March). *Brief resiliency training for first-semester college students improves mental health symptoms and modifies neural activation in response to emotional stimuli.* Presentation at the annual meeting of ADAA, Chicago, IL.
32. Akeman, E., Kirlic, N., Cosgrove, K.T., **McDermott, T.J.**, & Aupperle, R.L. (2019, March). *I'm still standing: Investigating suicidal risk and resilience factors for college students.* Presentation at the annual meeting of ADAA, Chicago, IL.
31. Aupperle, R.L., Akeman, E., **McDermott, T.J.**, Cosgrove, K.T., Clausen, A., Kirlic, N., Cromer, L., Yeh, H., Misaki, M., & Paulus, M.P. (2018, December). *Impact of resiliency training on mental health symptoms and resting-state connectivity for first-semester college students.* Presentation at the annual meeting of ACNP, Hollywood, FL.
30. Kirlic, N., **McDermott, T.J.**, Aupperle, R.L., Paulus, M.P., & Tulsa 1000 Investigators. (2018, December). *Neural and behavioral correlates of approach-avoidance conflict in a large transdiagnostic sample.* Presentation at the annual meeting of ACNP, Hollywood, FL.
29. Heinrichs-Graham, E., **McDermott, T.J.**, Wiesman, A.I., Wang, Y.P., Stephen, J.M., Calhoun, V.D., Wilson, T.W., (2018, August). *The oscillatory signature of fluid intelligence during development.* Presentation at the 21st International Conference on Biomagnetism (BIOMAG 2018), Philadelphia, PA.
28. Embury, C.M., **McDermott, T.J.**, Wiesman, A.I., Brau, K.G., Desouza, C.V., Drincic, A.T., & Wilson, T.W. (2018, August). *Altered oscillatory dynamics of visual selective attention processing in patients with type 1 diabetes.* Presentation at BIOMAG 2018, Philadelphia, PA.
27. Lew, B.J., **McDermott, T.J.**, Wiesman, A.I., O'Neill, J., Mills, M.S., Robertson, K.R., Fox, H.S., Swindells, S., Wilson, T.W. (2018, August). *Alpha and theta aberrations during selective attention processing in HIV-associated neurocognitive disorder.* Presentation at BIOMAG 2018, Philadelphia, PA.
26. Embury, C.M., **McDermott, T.J.**, Wiesman, A.I., Brau, K.G., Desouza, C.V., Drincic, A.T., & Wilson, T.W. (2018, June). *Altered neural dynamics during a flanker attention task in patients with type 1 diabetes.* Presentation at the annual American Diabetes Association's Scientific Sessions, Orlando, FL.
25. **McDermott, T.J.**, Kirlic, N.K., Akeman, E., & Aupperle, R.L. (2018, May). *Test-retest reliability of an emotional faces task and the impact of data quality.* Presentation at the annual meeting of SOBP, New York, NY.
24. **McDermott, T.J.**, Mills, M.S., Spooner, R.K., Coolidge, N.M., Wiesman, A.I., Proskovec, A.L., Heinrichs-Graham, E., & Wilson, T.W. (2017, June). *tDCS modulates oscillatory dynamics of attention networks and behavior during a flanker task.* Presentation at the annual meeting of the Organization for Human Brain Mapping (OHBM), Vancouver, BC.
23. **McDermott, T.J.**, Wiesman, A.I., Proskovec, A.L., Heinrichs-Graham, E., & Wilson, T.W. (2017, June). *Spatiotemporal oscillatory dynamics of visual selective attention during a flanker task.* Presentation at the annual meeting of OHBM, Vancouver, BC.
22. Wiesman, A.I., Mills, M.S., **McDermott, T.J.**, Spooner, R.K., Coolidge, N.M., & Wilson, T.W. (2017, June). *Altering attention: Frequency specific modulation of visuospatial attention networks using tDCS.* Presentation at the annual meeting of OHBM, Vancouver, BC.

21. Proskovec, A.L., Heinrichs-Graham, E., Wiesman, A.I., **McDermott, T.J.**, & Wilson, T.W. (2017, June). *Oscillatory dynamics in the dorsal and ventral attention networks during attentional reorienting*. Presentation at the annual meeting of OHBM, Vancouver, BC.

20. Embury, C.M., Proskovec, A.L., Heinrichs-Graham, E., **McDermott, T.J.**, Wiesman, A.I., Lord, G.H., Brau, K.L., Drincic, A., Desouza, C.V., & Wilson, T.W. (2017, June). *Altered MEG oscillatory dynamics during working memory processing in patients with type 1 diabetes*. Presentation at the annual meeting of OHBM, Vancouver, BC.

19. Embury, C.M., Proskovec, A.L., Heinrichs-Graham, E., **McDermott, T.J.**, Wiesman, A.I., Wang, Y.P., Calhoun, V.D., Stephen, J.M., Wilson, T.W. (2017, June). *Developmental alterations in the oscillatory dynamics serving visual working memory: A MEG study*. Presentation at the annual meeting of OHBM, Vancouver, BC.

18. Brau, K.G., **McDermott, T.J.**, Wiesman, A.I., Desouza, C.V., Drincic, A.T., Wilson, T.W. (2017, June). *Effects of chronic hyperglycemia on neurocognitive function in type 1 diabetes mellitus: Evidence from neuroimaging*. Presentation at the annual American Diabetes Association's Scientific Sessions, San Diego, CA.

17. Brau, K.G., Wiesman, A.I., **McDermott, T.J.**, Drincic, A.T., Wilson, T.W., Desouza, C.V. (2017, June). *Hypoglycemia effects on neurocognitive function in type 1 diabetes mellitus measured by neuroimaging*. Presentation at the annual American Diabetes Association's Scientific Sessions, San Diego, CA.

16. **McDermott, T.J.**, Mills, M.S., Spooner, R.K., Coolidge, N.M., Wiesman, A.I., Proskovec, A.L., Heinrichs-Graham, E., & Wilson, T.W. (2017, January). *Cathodal prefrontal tDCS disrupts attention networks and behavior during a flanker task*. Presentation at the NYC Neuromodulation 2017 Conference, New York, NY.

15. Heinrichs-Graham, E., **McDermott, T.J.**, Mills, M.S., Coolidge, N.M., & Wilson, T.W. (2017, January). *The effects of transcranial direct-current stimulation on offline visual entrainment: A magnetoencephalography study*. Presentation at the NYC Neuromodulation 2017 Conference, New York, NY.

14. Wiesman, A.I., Mills, M.S., **McDermott, T.J.**, Spooner, R.K., Coolidge, N.M., & Wilson, T.W. (2017, January). *Frequency-specific transcranial modulation of oscillatory dynamics in visuospatial attention networks*. Presentation at the NYC Neuromodulation 2017 Conference, New York, NY.

13. Spooner, R.K., Heinrichs-Graham, E., **McDermott, T.J.**, Mills, M.S., Coolidge, N.M., & Wilson, T.W. (2017, January). *Visual gamma oscillations and basal alpha levels are modulated by anodal occipital tDCS: Evidence from MEG*. Presentation at the NYC Neuromodulation 2017 Conference, New York, NY.

12. Wiesman, A.I., Heinrichs-Graham, E., Proskovec, A.L., **McDermott, T.J.**, Wilson, T.W. (2016, October). *Spectro-temporal and functional connectivity dynamics of visuospatial attention*. Presentation at the 20th International Conference on Biomagnetism (BIOMAG 2016), Seoul, South Korea.

11. Proskovec, A.L., Heinrichs-Graham, E., **McDermott, T.J.**, & Wilson, T.W. (2016, October). *Oscillatory dynamics in the dorsal and ventral attention systems during the reorienting of attention*. Presentation at BIOMAG 2016, Seoul, South Korea.

10. **McDermott, T.J.**, Badura Brack, A.S., Kemp, C.M., Khanna, M.M., Heinrichs-Graham, E., & Wilson, T.W. (2016, May). *Patterns of neural activation during trauma provocation in combat veterans with PTSD*. Presentation at the annual meeting of the Association for Psychological Science (APS), Chicago, IL.

9. **McDermott, T.J.**, Badura Brack, A.S., Merrill, B.M., Khanna, M.M., Abend, R., Bar-Haim, Y., Heinrichs-Graham, E., & Wilson, T.W. (2016, May). *Neurophysiological correlates of attention bias variability and PTSD: A magnetoencephalography study*. Presentation at the annual meeting of APS, Chicago, IL.

8. Fernandes, R.C., Toalson, S.K., **McDermott, T.J.**, Khanna, M.M., Bar-Haim, Y., & Badura Brack, A.S. (2016, May). *Attention training exerts therapeutic effects on PTSD symptoms in only four sessions*. Presentation at the annual meeting of APS, Chicago, IL.

7. **McDermott, T.J.**, Badura Brack, A.S., Khanna, M.M., Ryan, T.J., Heinrichs-Graham, E., & Wilson, T.W. (2015, May). *Magnetoencephalography reveals neurocognitive deficits during an emotional Stroop task in veterans with PTSD*. Presentation at the annual meeting of APS, New York, NY.

6. Badura Brack, A.S., Bartholomew, T., Leak, G., Hearley, A., & **McDermott, T.J.** (2015, May). *Clinical validation of the Perceived Ability to Cope with Trauma (PACT) in veterans with PTSD*. Presentation at the annual meeting of APS, New York, NY.

5. Hearley, A.R., Becker, M.M., Badura Brack, A.S., Khanna, M.M., & **McDermott, T.J.** (2015, May). *Anxiety change varies by type of attention training in veterans with PTSD*. Presentation at the annual meeting of APS, New York, NY.

4. **McDermott, T.J.**, Badura Brack, A.S., Heinrichs-Graham, E., Becker, K.M., Ryan, T.J., & Wilson, T.W. (2014, September). *Abnormal MEG theta activity in veterans with PTSD during working memory processing*. Presentation at the annual Nebraska Neuroscience Symposium, Omaha, Nebraska.
3. **McDermott, T.J.**, Badura Brack, A.S., Heinrichs-Graham, E., Becker, K.M., Ryan, T.J., & Wilson, T.W. (2014, May). *Working memory deficits in veterans with combat-related PTSD: A magnetoencephalography study*. Presentation at the annual meeting of APS, San Francisco, California.
2. Badura Brack, A.S., Becker, K.M., Heinrichs-Graham, E., **McDermott, T.J.**, Ryan, T.J., & Wilson, T.W. (2014, May). *Magnetoencephalography reveals combat veterans' resting state is much less restful than matched-controls*. Presentation at the annual meeting of APS, San Francisco, California.
1. Ruchensky, J., Strominger, R., Ryan, T., **McDermott, T.J.**, Paxton, J., & Huss, M. (2014, March). *A latent class analysis of sexual offenders and risk*. Presentation at the annual meeting of the American Psychology-Law Society, New Orleans, Louisiana.

Institutional Presentations:

9. **McDermott, T.J.** (2024, July) *Emotion regulation and your brain: How it all works*. Oral presentation for the Summer 2024 Uncovering Hidden Barriers to Academic Success Symposium hosted at Georgia State University.
8. **McDermott, T.J.** (2023, October) *Emotion regulation and your brain: How it all works*. Oral presentation for the Fall 2023 Uncovering Hidden Barriers to Academic Success Symposium hosted at Georgia State University.
7. **McDermott, T.J.**, Seligowski, A.V., & Ressler, K.J. (2023, February). *Associations between neurocognitive performance and PTSD symptoms in the first-year post-trauma*. Oral presentation at the McLean Trauma Research Coalition.
6. **McDermott, T.J.**, & Aupperle, R.L. (2021, June). *Real-time fMRI neurofeedback: Technique and clinical applications*. Oral presentation at the University of California San Diego Interventional Psychiatry Special Interest Group.
5. **McDermott, T.J.**, & Newman, E.N. (2020, December). *Supervising cases in which clients are experiencing actual or threatened intimate partner violence*. Oral presentation at the annual University of Tulsa Supervision Conference: Identifying and Overcoming Clinical Supervision Obstacles, Virtual Conference.
4. **McDermott, T.J.**, & Aupperle, R.L. (2018, October). *Using real-time fMRI dorsolateral prefrontal cortex neurofeedback to enhance cognitive control*. Oral presentation at the Laureate Institute for Brain Research Brownbag Series.
3. **McDermott, T.J.**, & Aupperle, R.L. (2017, April). *FMRI test-retest reliability of an emotional faces task: Implications for clinical utility*. Oral presentation at the University of Tulsa Pre-Candidacy Day.
2. **McDermott, T.J.**, & Wilson, T.W. (2017, May). *Spatiotemporal oscillatory dynamics of visual selective attention during a flanker task*. Oral presentation for the Nebraska NSF Established Program to Stimulate Competitive Research.
1. **McDermott, T.J.**, & Wilson, T.W. (2017, February). *Neural markers of type 1 diabetes identified with MEG*. Oral presentation for the University of Nebraska Medical Center Department of Neurological Sciences.

RESEARCH EXPERIENCE

2023-2025 **Postdoctoral Research Fellow**
 Fani Affective Neuroscience Laboratory
 Emory University School of Medicine School | Grady Trauma Project
 Supervisors: Negar Fani, PhD, ABPP & Greg J. Siegle, PhD
 Role: Performed s/fMRI analyses and assisted with EEG installation and study start-up for temporal interference brain stimulation protocol. Published novel research and assisted with grant applications.

2022-2023 **Clinical Psychology Intern, Adult PTSD Track**
 Neurobiology of Fear Laboratory
 McLean Hospital/Harvard Medical School
 Supervisors: Antonia Seligowski, PhD & Kerry Ressler, MD, PhD
 Role: Yearlong PTSD-focused research training in EEG and psychophysiology methods.

2017-2022 **Graduate Research Assistant**
 Neurocognitive Aspects of Anxiety Trauma and Treatment (NeuroCATT) Laboratory
 Laureate Institute for Brain Research
 Supervisors: Robin Aupperle, PhD & Martin Paulus, MD

Role: Performed advanced fMRI analyses with healthy and clinical populations. Oversaw rtfMRI-nf protocol for dissertation. Published novel research and assisted with NIH grant applications

2017-2022

Graduate Research Assistant

Trauma Research Assessment Prevention and Treatment (TRAPT) Laboratory

University of Tulsa

Supervisor: Joanne Davis, PhD

Role: Assisted with clinical trials, mentored undergraduate students, and analyzed clinical trial data.

2015-2017

Postbaccalaureate Research Assistant

Nebraska Center for Magnetoencephalography

University of Nebraska Medical Center

Supervisor: Tony Wilson, PhD

Role: Performed advanced MEG analyses with healthy and clinical populations, prepared participants to undergo MEG and tDCS protocols, assisted with behavioral and diagnostic testing.

2012-2015

Lab Coordinator, Research Assistant

Department of Psychology

Creighton University

Supervisor: Amy Badura Brack, PhD

Role: Research assistant to Dr. Badura-Brack on her clinical trial for combat veterans with PTSD.

Oversaw analysis of the neuroimaging portion of the PTSD study at the Nebraska MEG Center.

CLINICAL EXPERIENCE

2023-2025

Assessor and Therapist

Grady Trauma Project

Supervisors: Negar Fani, PhD, ABPP & Abigail Lott, PhD, ABPP

Setting: University Research Center and Non-profit Hospital

Population: Adults with trauma exposure and/or posttraumatic stress disorder

Intervention: Evidence-based psychotherapy (Dialectical Behavior Therapy, Prolonged Exposure)

Assessment: Conducted psychodiagnostic assessments to determine study eligibility including Clinician Administered PTSD Scale for DSM-5 (CAPS-5), Mini-Neuropsychiatric Interview (M.I.N.I.)

2022-2023

Outpatient Therapist

McLean Hospital: Mood, Anxiety, Stress, and Trauma Outpatient Clinic

Law Enforcement, Active Duty, & Emergency Responder (LEADER) Program

Supervisor: Tanya Farber, PsyD | Setting: Outpatient Psychiatric Clinic

Population: First responders with mood, anxiety, PTSD, and/or substance use disorders

Intervention: Co-facilitate outpatient therapy groups, including Introduction to PTSD, PTSD Skills, Seeking Safety, Conflict Management, and Dialectical Behavioral Therapy (DBT) Skills. Led individual CBT for major depressive disorder/PTSD for first responders with occupational trauma.

2022-2023

Program Therapist

McLean Hospital: Behavioral Health Partial (BHP) Hospitalization Program

Supervisors: Lyndsey Moran, PhD & Marc J. Zuckerman, PhD | Setting: Partial Hospitalization Program

Population: Adults with a variety of psychiatric illnesses and diagnoses

Intervention: Co-facilitated groups as part of the partial program focused on CBT/DBT/ACT skills, and work individually with patients as a program therapist, meeting 3x weekly, to consolidate skills work.

2019-2022

Clinical Trial Therapist

Laureate Institute for Brain Research

Supervisor: Robin Aupperle, PhD | Setting: Research Institute

Population: Adults with mood, anxiety, and/or substance use disorders

Intervention: Individual and group therapy for ongoing clinical trials using behavioral activation therapy, exposure therapy, brief supportive psychotherapy, cognitive behavioral therapy for alcohol use disorder, and a positive affect intervention for alcohol use disorder (telehealth starting in April 2020)

Consultation: Received ongoing consultation from study collaborators, including:

- Christopher Martell, PhD, University of Massachusetts, Amherst (behavioral activation therapy)
- Kate Wolitzky-Taylor, PhD, University of California, Los Angeles (exposure therapy; CBT-AUD)
- John Markowitz, MD, Columbia University Irving Medical Center (brief supportive psychotherapy)
- Charlie Taylor, PhD, University of California, San Diego (positive affect intervention for AUD)

2017-2022

Clinical Trial Therapist and Assessor

Post-traumatic Nightmare Treatment Trials, University of Tulsa

Supervisor: Joanne Davis, PhD | Setting: University Research Center

Population: Adults with posttraumatic stress disorder and/or nightmare disorder

Intervention: Individual therapy for ongoing clinical trials using cognitive processing therapy (CPT) for PTSD, exposure relaxation and rescripting therapy (ERRT) for post-traumatic nightmares

Assessment: Conducted psychodiagnostic assessments to determine study eligibility including Clinician Administered PTSD Scale for DSM-5 (CAPS-5), Structured Clinical Interviews for DSM-5 (SCID-5), Montgomery-Asberg Depression Rating Scale (MADRS), Young Mania Rating Scale (YMRS)

2019-2020

PTSD Clinical Team Therapist

Eastern Oklahoma Department of Veterans Affairs Healthcare System

Supervisor: River Smith, PhD

Setting: Outpatient VA Clinic

Population: Combat veterans with posttraumatic stress disorder and/or sleep disorders

Intervention: Individual and group therapy using cognitive processing therapy (CPT) for PTSD, individual prolonged exposure (PE) for PTSD, individual cognitive behavioral therapy for insomnia (CBT-I), and individual exposure relaxation and rescripting therapy (ERRT) for post-traumatic nightmares. In addition, lead PCT orientation groups providing psychoeducation on EBPs for PTSD.

2021-2022,

2018-2019

Clinical Associate

True Blue Neighbors Behavioral Health Clinic, University of Tulsa

Supervisors: Jennifer Steward, PhD, Joanne Davis, PhD, Lisa Cromer, PhD

Setting: Community Mental Health Training Clinic

Population: Adults and children with a myriad of presenting complaints including depression, anxiety, attention-deficit/hyperactivity disorder, and oppositional defiant disorder.

Intervention: Individual therapy using a variety of evidenced-based psychotherapies for depression and anxiety including CBT, interpersonal psychotherapy (IPT), and behavioral therapy with children.

Assessment: Psychodiagnostic, intellectual, achievement, and personality testing with children and adults.

TEACHING & SUPERVISION EXPERIENCE

2023-2025

Assessment Supervisor

Emory University School of Medicine/Grady Trauma Project

Supervisors: Negar Fani, PhD, ABPP & Abigail Powers-Lott PhD

Activity: Supervised practicum students on diagnostic assessments and therapy for research studies.

Spring 2023

Intern Supervisor

LEADER Residential Treatment Program, McLean Hospital, Belmont, MA

Supervisor: Tanya Farber, PsyD

Activity: Provided supplemental supervision to a practicum student on trauma-informed stabilization.

2020-2022

Student Assessment and Therapy Supervisor

Post-traumatic Nightmare Treatment Trials, University of Tulsa, Tulsa, OK

Supervisor: Joanne Davis, PhD

Activity: Provide peer supervision to student assessors and therapists for ongoing clinical trials.

Fall 2020	Student Supervisor True Blue Neighbors Behavioral Health Clinic, University of Tulsa, Tulsa, OK Supervisor: Elana Newman, PhD Activity: Provided supplemental supervision to a beginning practicum student on CPT.
2017-2019	Student Supervisor, Class Instructor TU Tough: Mental Toughness Training for College Success, University of Tulsa, Tulsa, OK Supervisor: Robin Aupperle, PhD Setting: University orientation course with first-year undergraduate students (4 class sessions) Activity: Led group interventions as part of a mental health prevention program. The intervention's goal was to promote resilience, psychological well-being, and academic success for first-year college students. Provided additional supervision to a beginning practicum student on delivery of this group intervention.
2013-2015	Teaching Assistant Creighton University Psychology Department Teaching Professor: Amy Badura Brack, PhD PSY 111 – Introductory Psychology (Fall 2013; Spring 2014) PSY 326 – Undergraduate Internship in Psychology (Fall 2014; Spring 2015) PSY 351 – Abnormal Psychology (Spring 2015) PSY 352 – Health Psychology (Fall 2014)

SERVICE

Conference/Consortium Committees:

2025-present	SOBP Travel Award Committee
2025-present	FSU Postdoc Travel Award Committee
2024-present	ENIGMA PCG PTSD Working Group
2023-2025	ENIGMA Meditation Working Group
Fall 2021	SOBP Trainee Committee (Research Fellowship Proposal Workgroup)

Mentorship Programming:

October 2024	SPR Mentoring Program
April 2024	ADAA Alies Muskin Career Development Leadership Program

Institutional Service:

2023-2025	Postdoc Steering Committee Member, Emory University School of Medicine
2021-2022	Student Representative, Clinical Psychology Committee (CPC), University of Tulsa
2020-2022	President, Graduate Association for Students in Psychology (GRASP), University of Tulsa
2019-2020	Vice President, GRASP, University of Tulsa
2020-2021	Data Analysis Workgroup for Students (DAWGS), Laureate Institute for Brain Research
2014-2015	President, Creighton University Chapter of Psi Chi National Psychology Honors Society

Editorial Service:

Ad-hoc reviews: *Behaviour Research and Therapy, Brain Communications, Brain Stimulation, Cerebral Cortex, Depression and Anxiety, Developmental Cognitive Neuroscience, European Journal of Psychotraumatology, Frontiers in Human Neuroscience, Frontiers in Psychiatry, GeroScience, Imaging Neuroscience, Journal of Behavioral and Cognitive Therapy, Journal of Psychiatric Research, Mental Health & Prevention, NeuroCase, NeuroImage, Neuropsychopharmacology (NPP), NPP: Digital Psychiatry and Neuroscience, Psychological Bulletin & Review, Psychological Medicine, Translational Psychiatry*

Supervised reviews (Robin Aupperle, PhD): *American Journal of Psychiatry, Behavioural Brain Research, Cerebral Cortex, Depression and Anxiety, Journal of Affective Disorders, NPP, NeuroImage: Clinical, Psychological Medicine, Psychiatry Research: Neuroimaging*

Professional Memberships:

2023-present	Anxiety and Depression Association of America
2023-present	Society for Psychophysiological Research
2023-present	Society of Biological Psychiatry

Student Memberships:

2020-2023	Society of Biological Psychiatry
2019-2023	Anxiety and Depression Association of America
2018-2025	International Society for Traumatic Stress Studies
2014-2024	Association for Psychological Science
2014-2024	Society for a Science of Clinical Psychology

OTHER PROFESSIONAL EXPERIENCE

Specialized Research Trainings:

Digital Signal Processing, full-day pre-conference workshop led by J. Christopher Edgar, PhD and Gregory A. Miller, PhD, as a part of the 2024 Society for Psychophysiological Research Annual Meeting, October 23, 2024.

Brainstorm MEG/EEG Training Workshop, three-day training workshop presented by Sylvain Baillet, PhD and Raymundo Cassani, PhD, at the Boys Town Institute for Human Neuroscience, October 9-11, 2024.

Responsible Conduct of Research for Postdocs, Medical Research Fellows, and Early Career Researchers, course taught across three months with six two-hour lectures by Brian Ciliax, PhD at Emory University during Spring 2024 in fulfillment of Responsible Conduct in Research training requirements for F32 NRSA fellowship.

Modern Regression, audited and completed requirements for this semester-long graduate-level course taught by Benjamin Risk, PhD, at Emory University in the Department of Biostatistics, during Fall 2023 (August 23 – December 4).

Comprehensive Grant Proposal Development Workshop, full-day training workshop presented by Martin Paulus, MD, at the Laureate Institute for Brain Research, March 3, 2022.

Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI, three-day virtual education course hosted by the Athinoula A. Martinos Center for Biomedical Imaging, October 26-28, 2021.

Introduction to Multilevel Modeling Using R, week-long virtual education course presented by Alexander Shoemann, PhD, and hosted by Stats Camp Statistics Training Seminars, June 7-11, 2021.

Research Ethics and Survival Skills for the Biomedical Sciences, audited and completed requirements for this semester-long graduate-level course taught by Craig Stevens, PhD, at Oklahoma State University, during Fall 2020 (August 18 – December 1) in fulfillment of Responsible Conduct in Research training requirements for F31 NRSA fellowship.

Fundamental Concepts and Methods in Network Neuroscience, full-day virtual education course presented by Alex Fornito, PhD, as a part of the 2020 Organization for Human Brain Mapping Annual Meeting, July 13, 2020.

Analysis of Functional Neuroimages (AFNI) Bootcamp, week-long training workshop presented by Bob Cox, PhD (National Institutes of Mental Health), at the Laureate Institute for Brain Research, March 2-6, 2020.

Conducting Clinical Trials for NIH-funded Research, full-day training workshop presented by Mark Rappaport, MD, at the Laureate Institute for Brain Research, February 8, 2018.

Technical and Programming Skills:

R Project for Statistical Computing, MATLAB, Statistical Package for the Social Sciences, BrainVision Analyzer, EEGLAB, Analysis of Functional NeuroImages, BrainVoyager, Brain Electrical Source Analysis, Brainstorm

PROFESSIONAL REFERENCES

Justin Riddle, PhD

jriddle@fsu.edu

Assistant Professor

Department of Psychology

Florida State University

Negar Fani, PhD

nfani@emory.edu

Associate Professor, Department of
Psychiatry and Behavioral Sciences,
Emory University School of Medicine

Kerry Ressler, MD, PhD

kressler@mclean.harvard.edu

Chief Scientific Officer / Poitras Chair
Professor, Department of Psychiatry
McLean Hospital/Harvard Medical School

Robin Aupperle, PhD

raupperle@laureateinstitute.org

Principal Investigator, Laureate Institute for
Brain Research / Associate Professor, Oxley
College of Health Sciences, University of Tulsa

Joanne Davis, PhD

joanne-davis@utulsa.edu

Director of Clinical Training

Professor, Department of Psychology,
University of Tulsa

Tony Wilson, PhD

tony.wilson@boystown.org

Patrick E. Brookhouser Endowed Chair

in Cognitive Neuroscience and Director of the
Institute for Human Neuroscience, Boys Town Hospital

Amy Badura Brack, PhD

abadura@creighton.edu

Professor, Department of Psychology
Creighton University

N. Brad Schmidt, PhD

schmidt@psy.fsu.edu

Distinguished Research Professor

Department of Psychology

Florida State University

Greg J Siegle, PhD

gsiegle@pitt.edu

Professor

Department of Psychiatry

University of Pittsburgh School of Medicine

Antonia Seligowski, MD, PhD

aseligowski@mgh.harvard.edu

Assistant Professor, Department of
Psychiatry, Massachusetts General
Hospital/Harvard Medical School

Martin Paulus, MD

mpaulus@laureateinstitute.org

Scientific Director, Laureate Institute for
Brain Research / Professor, Oxley College
of Health Sciences, University of Tulsa

River Smith, PhD

river.smith@va.gov

Staff Psychologist, PTSD Clinical Team
Director of Practicum Training
Eastern Oklahoma VA Healthcare System

Elizabeth Heinrichs-Graham, PhD

elizabeth.heinrichs-graham@boystown.org

Principal Investigator, Director of Cognitive and
Sensory Imaging Laboratory at the Institute for
Neuroscience, Boys Town Hospital

Maya Khanna, PhD

mayakhanna@creighton.edu

Professor, Department of Psychology
Creighton University