

Matthew Peverill, Ph.D.

University of Wisconsin School of Medicine & Public Health

Department of Psychiatry

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Education

University of Washington, Seattle, WA

Ph.D. in Child Clinical Psychology 2021

M.S. in Child Clinical Psychology 2017

Amherst College, Amherst, MA

B.A. Psychology 2007

Research Experience

Research interests: Childhood Adversity, Emotion Regulation, Socioeconomic Status, Psychopathology Risk, MRI Methods.

BRAVE lab, Madison, WI

2022-present

Post-Doctoral Research Associate

Supervisor: Ryan Herringa, M.D.

School Social Environment Study, Seattle, WA

2017-2020

Investigator (Dissertation Project)

Committee: Katie A. McLaughlin, Ph.D. (advisor), Shannon Dorsey, Ph.D., Liliana

Lengua, Ph.D., James Mazza, Ph.D.

Stress and Development Laboratory, Seattle, WA

2014-2020

Graduate Research Assistant

Supervisor: Katie A. McLaughlin, Ph.D.

Project RISE, Seattle, WA

2016

Graduate Research Assistant

Supervisor: Bill George, Ph.D.

Sheridan Laboratory, Children's Hospital Boston, Boston, MA

2013-2014

Research Coordinator

Supervisor: Margaret A. Sheridan, Ph.D.

Stress and Development Laboratory, Boston Children's Hospital

2012-2013

Volunteer Research Assistant

Supervisor: Katie A. McLaughlin, Ph.D.

27. Sun, D., Rakesh, G., Clarke-Rubright, E. K., Haswell, C. C., Logue, M., O'Leary, E. N., Cotton, A. S., Xie, H., Dennis, E. L., Jahanshad, N., Salminen, L. E., Thomopoulos, S. I., Rashid, F., Ching, C. R. K., Koch, S. B. J., Frijling, J. L., Nawijn, L., van Zuiden, M., Zhu, X., ... **Peverill, M.**, ... Morey, R. A. (2022). Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results from the ENIGMA-PGC PTSD Consortium. *Biological Psychiatry. Cognitive Neuroscience and Neuroimaging*. <https://doi.org/10.1016/j.bpsc.2022.02.008>
26. Dennis, E. L., Disner, S. G., Fani, N., Salminen, L. E., Logue, M., Clarke, E. K., Haswell, C. C., Averill, C. L., Baugh, L. A., Bomyea, J., Bruce, S. E., Cha, J., Choi, K., Davenport, N. D., Densmore, M., du Plessis, S., Forster, G. L., Frijling, J. L., Gonenc, A., ... **Peverill, M.**, ... Morey, R. A. (2021). Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: Results from the PGC-ENIGMA PTSD consortium. *Molecular Psychiatry*, 1–16. <https://doi.org/10.1038/s41380-019-0631-x>
25. Jenness, J. L., **Peverill, M.**, Miller, A. B., Heleniak, C., Robertson, M. M., Sambrook, K. A., Sheridan, M. A., & McLaughlin, K. A. (2021). Alterations in neural circuits underlying emotion regulation following child maltreatment: A mechanism underlying trauma-related psychopathology. *Psychological Medicine*, 51(11), 1880–1889.
24. Maihofer, A. X., Choi, K. W., Coleman, J. R., Daskalakis, N. P., Denckla, C. A., Ketema, E., Morey, R. A., Polimanti, R., Ratanatharathorn, A., Torres, K., & others. (2021). Enhancing discovery of genetic variants for PTSD through integration of quantitative phenotypes and trauma exposure information. *Biological Psychiatry*.
23. **Peverill, M.**, Dirks, M. A., Narvaja, T., Herts, K. L., Comer, J. S., & McLaughlin, K. A. (2021). Socioeconomic status and child psychopathology in the United States: A meta-analysis of population-based studies. *Clinical Psychology Review*, 83, 101933.
22. Wang, X., Xie, H., Chen, T., Cotton, A. S., Salminen, L. E., Logue, M. W., Clarke-Rubright, E. K., Wall, J., Dennis, E. L., O'Leary, B. M., & others. (2021). Cortical volume abnormalities in posttraumatic stress disorder: An ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. *Molecular Psychiatry*, 26(8), 4331–4343.
21. Zheng, Y., Garrett, M. E., Sun, D., Clarke-Rubright, E. K., Haswell, C. C., Maihofer, A. X., Elman, J. A., Franz, C. E., Lyons, M. J., Kremen, W. S., & others. (2021). Trauma and posttraumatic stress disorder modulate polygenic predictors of hippocampal and amygdala volume. *Translational Psychiatry*, 11(1), 1–10.
20. McNeilly, E.A., **Peverill, M.**, Jung, J., & McLaughlin, Katie A. (2021). Executive function as a mechanism linking socioeconomic status to internalizing and externalizing psychopathology in children and adolescents. *Journal of Adolescence*. 89. 149-160. <https://doi.org/10.1016/j.adolescence.2021.04.010>.
19. Weissman, D. G., Lambert, H. K., Rodman, A. M., **Peverill, M.**, Sheridan, M. A., & McLaughlin, K. A. (2020). Reduced hippocampal and amygdala volume as a mechanism underlying stress sensitization to depression following childhood trauma. *Depression and Anxiety*, 37(9), 916–925. <https://doi.org/10.1002/da.23062>

18. Lind, M. J., Brick, L. A., Gehrman, P. R., Duncan, L. E., Gelaye, B., Maihofer, A. X., Nievergelt, C. M., Nugent, N. R., Stein, M. B., Amstadter, A. B., & Psychiatric Genomics Consortium Posttraumatic Stress Disorder. (2020). Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. *Sleep*, 43 (4).
<https://doi.org/10.1093/sleep/zsz257>
17. Jenness, J. L., **Peverill, M.**, King, K. M., Hankin, B. L., & McLaughlin, K. A. (2019). Dynamic associations between stressful life events and adolescent internalizing psychopathology in a multiwave longitudinal study. *Journal of Abnormal Psychology*, 128(6), 596–609. <https://doi.org/10.1037/abn0000450>
16. Nievergelt, C. M., Maihofer, A. X., Klengel, T., Atkinson, E. G., Chen, C.-Y., Choi, K. W., Coleman, J. R. I., Dalvie, S., Duncan, L. E., Gelernter, J., Levey, D. F., Logue, M. W., Polimanti, R., Provost, A. C., Ratanatharathorn, A., Stein, M. B., Torres, K., Aiello, A. E., Almli, L. M., ... **Peverill, M.**, ... Koenen, K. C. (2019). International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. *Nature Communications*, 10(1), 4558. <https://doi.org/10.1038/s41467-019-12576-w>
15. Lambert, H. K., **Peverill, M.**, Sambrook, K. A., Rosen, M. L., Sheridan, M. A., & McLaughlin, K. A. (2019). Altered development of hippocampus-dependent associative learning following early-life adversity. *Developmental Cognitive Neuroscience*, 38, 100666. <https://doi.org/10.1016/j.dcn.2019.100666>
14. **Peverill, M.**, Sheridan, M. A., Busso, D. S., & McLaughlin, K. A. (2019). Atypical Prefrontal–Amygdala Circuitry Following Childhood Exposure to Abuse: Links With Adolescent Psychopathology. *Child Maltreatment*, 24(4), 411–423. <https://doi.org/10.1177/1077559519852676>
13. Logue, M. W., van, R., Dennis, E. L., Davis, S. L., Hayes, J. P., Stevens, J. S., ... **Peverill, M.**, ... Morey, R. A. (2018). Smaller hippocampal volume in posttraumatic stress disorder: a multisite ENIGMA-PGC study: subcortical volumetry results from posttraumatic stress disorder consortia. *Biological Psychiatry*, 83(3), 244–253. <https://doi.org/10.1016/j.biopsych.2017.09.006>
12. Madhyastha, T., **Peverill, M.**, Koh, N., McCabe, C., Flournoy, J., Mills, K., McLaughlin, K. A. (2017). Current methods and limitations for longitudinal fMRI analysis across development. *Developmental Cognitive Neuroscience*. <https://doi.org/10.1016/j.dcn.2017.11.006>
11. Miller, A. B., McLaughlin, K. A., Busso, D. S., Brueck, S., **Peverill, M.**, & Sheridan, M. A. (2017). Neural Correlates of Emotion Regulation and Adolescent Suicidal Ideation. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. <https://doi.org/10.1016/j.bpsc.2017.08.008>
10. Rosen, M. L., Sheridan, M. A., Sambrook, K. A., **Peverill, M.**, Meltzoff, A. N., & McLaughlin, K. A. (2017). The Role of Visual Association Cortex in Associative Memory Formation across Development. *Journal of Cognitive Neuroscience*, 1–16. https://doi.org/10.1162/jocn_a_01202

9. Sheridan, M. A., **Peverill, M.**, Finn, A. S., & McLaughlin, K. A. (2017). Dimensions of childhood adversity have distinct associations with neural systems underlying executive functioning. *Development and Psychopathology*, 29(5), 1777–1794.
<https://doi.org/10.1017/S0954579417001390>
8. Sun, D., **Peverill, M. R.**, Swanson, C. S., McLaughlin, K. A., & Morey, R. A. (2018). Structural covariance network centrality in maltreated youth with posttraumatic stress disorder. *Journal of Psychiatric Research*, 98, 70–77.
<https://doi.org/10.1016/j.jpsychires.2017.12.015>
7. Busso, D. S., McLaughlin, K. A., Brueck, S., **Peverill, M.**, Gold, A. L., & Sheridan, M. A. (2017). Child Abuse, Neural Structure, and Adolescent Psychopathology: A Longitudinal Study. *Journal of the American Academy of Child & Adolescent Psychiatry*, 56(4), 321–328.e1. <https://doi.org/10.1016/j.jaac.2017.01.013>
6. Dennison, M. J., Sheridan, M. A., Busso, D. S., Jenness, J. L., **Peverill, M.**, Rosen, M. L., & McLaughlin, K. A. (2016). Neurobehavioral markers of resilience to depression amongst adolescents exposed to child abuse. *Journal of Abnormal Psychology*, 125(8), 1201–1212.
<https://doi.org/10.1037/abn0000215>
5. Gold, A. L., Sheridan, M. A., **Peverill, M.**, Busso, D. S., Lambert, H. K., Alves, S., ... McLaughlin, K. A. (2016). Childhood abuse and reduced cortical thickness in brain regions involved in emotional processing. *Journal of Child Psychology and Psychiatry*, 57(10), 1154–1164. <http://doi.org/10.1111/jcpp.12630>
4. **Peverill, M.**, McLaughlin, K. A., Finn, A. S., & Sheridan, M. A. (2016). Working memory filtering continues to develop into late adolescence. *Developmental Cognitive Neuroscience*.
<http://doi.org/10.1016/j.dcn.2016.02.004>
3. Askren, M. K., McAllister-Day, T. K., Koh, N., Mestre, Z., Dines, J. N., Korman, B. A., ... **Peverill, M.**, ... Madhyastha, T. M. (2016). Using make for reproducible and parallel neuroimaging workflow and quality-assurance. *Frontiers in Neuroinformatics*, 10, 2.
<http://doi.org/10.3389/fninf.2016.00002>
2. McLaughlin, K. A., **Peverill, M.**, Gold, A. L., Alves, S., & Sheridan, M. A. (2015). Child maltreatment and neural systems underlying emotion regulation. *Journal of the American Academy of Child and Adolescent Psychiatry*, 54(9), 753–762.
<http://doi.org/10.1016/j.jaac.2015.06.010>
1. McLaughlin, K. A., Sheridan, M. A., Gold, A. L., Duys, A., Lambert, H. K., **Peverill, M.**, ... Pine, D. S. (2015). Maltreatment exposure, brain structure, and fear conditioning in children and adolescents. *Neuropsychopharmacology*. <http://doi.org/10.1038/npp.2015.365>

Book Chapters

1. **Peverill, M.**, & McLaughlin, K. A. (2017). Harnessing the Neuroscience Revolution to Enhance Child and Adolescent Psychotherapy. In J. R. Weisz & A. E. Kazdin (Eds.), *Evidence-Based Psychotherapies for Children and Adolescents*, Third Edition. Guilford Publications.

Awards and Honors

Fellowship , Harvard University Department of Psychology	2019-2020
Graduate Student Travel Award , Flux society	8/2019
Graduate Student Travel Award , Society for Research in Child Development	1/2019
Robert C. Bolles Graduate Fellowship , UW Department of Psychology	10/2018
Arts & Sciences Natural Science Fellowship , UW College of Arts and Sciences	3/2014

Selected Conference Presentations

10. Lambert, H.K., Weissman, D.G., Rodman, A.M., **Peverill, M.**, Sheridan, M.A., & McLaughlin, K.A. (2019, August). *Reduced hippocampal volume after childhood violence increases risk for depression after later life stress*. Poster presented at the meeting of the FLUX Congress for Integrative Developmental Cognitive Neuroscience, New York, NY.
9. **Peverill, M.**, Rosen, M.L., Sambrook, K.A., Sheridan, M.A., McLaughlin, K.A. (2019) *Differential Associations of early threat and deprivation with brain structure*. Poster presented at the meeting of the FLUX Congress for Integrative Developmental Cognitive Neuroscience, New York, NY.
8. Lambert, Hilary K., **Peverill, M.**, Sambrook, Kelly A., Rosen, M.L., Sheridan, Margaret A., McLaughlin, Katie A. (2019) *Altered Development of Hippocampus-Dependent Associative Learning following Early-Life Adversity*. Poster presented at the meeting of the Society of Research in Child Development, Baltimore, MD.
7. **Peverill, M.** Rosen, M.L., Sambrook, Kelly A., Sheridan, Margaret A., McLaughlin, Katie A. (2019) Differential association of early experiences of threat and deprivation with cortical thickness. In D. G. Weissman (Chair), *Beyond stress: Identifying specific pathways between childhood and adolescent risk factors and mental health*. Symposium conducted at the meeting of the Society of Research in Child Development, Baltimore, MD.
6. **Peverill, M.**, Sheridan, M., McLaughlin, K. (2016) *Child Maltreatment and Emotion Regulation Networks*. Poster presented at the conference 'Early Experience and Sensitive Periods in Development', Erice, Sicily, September, 2016.
5. Gold, A. L., Sheridan, M. A., **Peverill, M.**, Busso, D. S., Lambert, H. K., Alves, S., Pine, D. S., & McLaughlin, K. A. (2016, May). *Childhood maltreatment and reduced cortical thickness in adolescence*. Poster presented at the Society of Biological Psychiatry Annual Meeting, Atlanta, GA.
4. **Peverill, M.**, Finn, A., McLaughlin, K., Sheridan, M. (2016) *Working Memory Filtering Continues to Develop in to Late Adolescence*. Poster presented at the annual meeting of the Association of Psychological Science, Chicago, IL, May, 2016.

3. Lambert, H.K., Gold, A.L., **Peverill, M.**, Sheridan, M.A., & McLaughlin, K.A. (2015, November). *Child maltreatment, neural structure, and psychopathology in adolescence*. Poster presented at the International Society for Traumatic Stress Studies Annual Meeting, New Orleans, LA.
2. Gold, A.L., Sheridan, M.A., **Peverill, M.**, Busso, D.S., Lambert, H.K., Alves, S., Pine, D.S., & McLaughlin, K.A. (2015, October). *Childhood maltreatment and reduced cortical thickness in brain regions involved in emotional processing*. Poster presented at the Developmental Affective Neuroscience Symposium, Pittsburgh, PA.
1. **Peverill, M.**, Finn, A., McLaughlin, K., Sheridan, M. (2014) *Prefrontal Cortex Recruitment During Working Memory Filtering in Adolescents and Adults*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Boston, MA, April, 2014.

Teaching Experience

Psychology Department , University of Washington	
TA for Psych 220: Biopsychology (two quarters)	2019
TA for PSYCH 345: Social Psychology (one quarter)	2016

Service to the Profession

Development and Psychopathology
 International Journal of Behavioral Development
 Journal of Research on Adolescence
 Scientific Reports
 Translational Psychiatry
Ad-Hoc Reviewer

Service to the Community

Gender Odyssey Kid's Camp , Seattle, WA	
<i>Volunteer</i>	2016-2017
<i>Area Coordinator</i>	2015
National Organization of Men Against Sexism (NOMAS) , Boston, MA	2008-2012
<i>Planning Member</i>	
<i>Discussion section moderator</i>	
Safe Passage , Northampton, MA	2004
<i>Counselor Advocate Intern</i>	

Clinical Experience

William S. Middleton Memorial Veteran's Hospital	2020-2021
<i>Psychology Intern, Primary-Care Mental-Health Integration</i>	
Completed a full-time, APA accredited, pre-doctoral internship working with adult	

veterans. Provided evidenced based treatments in the outpatient general mental health clinic and brief assessment and therapy with a population-health focus in primary-care mental-health integration. Provide trauma-focused treatment to veteran's as part of the PTSD Clinical Team. Completed comprehensive psychodiagnostic and personality assessments. Completed a quality improvement project examining performance metrics of a care management program for depression and anxiety.

UW Parent Child Clinic, Seattle, WA

2017-2019

Staff Therapist

Administered an evidence-based treatment for disruptive behavior disorders (behavioral parent training) to parents of school-aged children and adolescents. Attended one year of weekly group supervision, didactics, and observation.

The Stress and Development Lab, Seattle, WA

2014-2020

Graduate Research Assistant

Conducted semi-structured clinical and life stress interviews with children aged 8-17, with and without histories of physical and sexual abuse, and their parents using the Kiddie Schedule for Affective Disorders and Schizophrenia (K-SADS), Clinician Administered PTSD Scale (CAPS) and other measures. Conducted safety assessments and follow-up with participants who endorsed suicidality and/or child abuse, including service referrals, safety planning, disclosure to parents, and mandated reporting to CPS. As a senior graduate student, I additionally trained and supervised research assistants and younger students conducting these tasks.

The Seattle Clinic, Seattle, WA

2017-2018

PEERS Teen Group Coach

Assisted administration of two manualized and evidence-based social skills training groups for adolescents. Provided personalized treatment and goal setting through check-ins and check-outs. Performed role-plays to model skills. Managed participant behavior in the group. Attended weekly group supervision.

Seattle Children's Hospital Neuropsychological Consult Service, Seattle, WA

2016-2017

Practicum Student

Administered neuropsychological assessments of cognitive performance (WASI, DAS-2), academic readiness (WJ-III, WIAT-III), memory (CVLT, CHAMP, WRAML), and motor skills (Beery VMI) to children in a hospital setting. With supervision, conducted intake interviews, wrote test lists and reports, and participated in feedback sessions for patients recovering from surgery and/or major medical illness.

Psychological Services and Training Center, Seattle, WA

2015-2017

Staff Therapist

Treated young adult and adolescent clients with hour for hour supervision. Administered treatments for depression, anxiety, and adjustment disorders.

Previous Work Experience

pika, MIT, Cambridge, MA

2009-2012

Residence Advisor

Lived with 25 graduate and undergraduate students in a cooperative living group. Moderated conflicts and facilitated group conversations in the community. Provided risk management and oversight. Provided emergency response, counseling, and service referrals within the house.

Planned Parenthood League of Massachusetts, Boston, MA

Managing Analyst

2012-2013

Senior Analyst

2010-2012

Applications Specialist

2009-2010

Help Desk Specialist

2007-2009

Managed 3-person team providing technical support to a large community health organization (7 offices, 250 staff). Managed large infrastructure projects including telecom and communications software upgrades and installations. Developed and implemented software solutions to reduce costs. Assisted with Electronic Medical Records implementation and support. Maintained and administered business-critical systems running on an on-site data center.