

David G Weissman, PhD.
33 Kirkland St. Cambridge, MA 02138
dweissman@fas.harvard.edu
davidweissmanphd.com

CURRENT POSITION

Postdoctoral Fellow, Stress and Development Lab, Harvard University 2018-present

EDUCATION

University of California – Davis

Doctor of Philosophy, Psychology, Developmental: 2018

Alliant International University

Single Subject Teaching Credential: Science, Biology: 2009

University of Southern California

Bachelor of Arts in Neuroscience, Magna Cum Laude: 2008

PUBLICATIONS

Hatzenbuehler, M. L., **Weissman, D. G.**, McKetta, S., Lattanner, M. R., Ford, J. V., Barch, D. M., McLaughlin, K. A. (under review) Smaller hippocampal volume among Black and Latinx youth living in high-stigma contexts. <https://doi.org/10.1101/2020.10.09.333328>

Susman, E. S.*, **Weissman, D. G.***, Sheridan, M., & McLaughlin, K. A., (under review). Vagal tone and extinction learning as potential transdiagnostic protective factors following childhood violence exposure. <https://doi.org/10.31234/osf.io/8xshn>

Kim, S. G., **Weissman, D. G.**, Sheridan, M., & McLaughlin, K. A. (in press). Child abuse subtypes and automatic emotion regulation processes in children and adolescents. *Development and Psychopathology*. <https://doi.org/10.31234/osf.io/r2yj8>

Weissman, D. G. (2021). Stimulus and Response: Advancing Theoretical Rigor in Early Adversity Research. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. 6, 673-675

Johnson, L. E., Parra, L. A., Ugarte, E., **Weissman, D. G.**, Han, S. G., Robins, R. W., Guyer, A. E., Hastings, P. D. (2021) Patterns of Poverty Across Adolescence Predict Salivary Cortisol Stress Responses in Mexican-origin Youths. *Psychoneuroendocrinology*. <https://doi.org/10.1016/j.psyneuen.2021.105340>

Weissman, D. G., Rodman, A. M., Rosen, M. L., Kasparek, S. W., Mayes, M., Sheridan, M., Lengua, L., Meltzoff, A. N., & McLaughlin, K. A. (2021). Contributions of emotion regulation and brain structure and function to adolescent internalizing problems and stress vulnerability during the COVID-19 pandemic: A longitudinal study. *Biological Psychiatry: Global Open Science*. <https://doi.org/10.1016/j.bpsgos.2021.06.001>

Cuartas, J.*, **Weissman, D. G.***, Sheridan, M. A., Lengua, L., McLaughlin, K. A., (2021). Corporal punishment and elevated neural response to threat in children. *Child Development*. 92(3), 821-832, <https://doi.org/10.1111/cdev.13565>

Weissman, D. G., Mendes, W. B. (2021). Correlation of sympathetic and parasympathetic nervous system activity during rest and acute stress tasks. *International Journal of Psychophysiology*. 162, 60-68. <https://doi.org/10.1016/j.ijpsycho.2021.01.015>

Ugarte, E., Narea, M., Aldoney, D., **Weissman, D. G.,** Hastings, P. D. (2020) Family risk and externalizing problems in Chilean children: mediation by harsh parenting and emotional support. *Child Development*. 92(3), 871-888, <https://doi.org/10.1111/cdev.13464>

Weissman, D. G., Nook, E. C., Dews, A. A., Miller, A. B., Lambert, H. K., Sasse, S. F., Somerville, L. H., McLaughlin, K. A. (2020). Low emotional awareness as a transdiagnostic mechanism underlying psychopathology in adolescence. *Clinical Psychological Science*. 8(6) 971–988. <https://doi.org/10.1177/2167702620923649>

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>

Chahal, R., **Weissman, D. G.,** Hallquist, M. N., Robins, R. W., Hastings, P. D., Guyer, A. E. (2020) Neural connectivity biotypes: associations with internalizing problems throughout Adolescence. *Psychological Medicine*. <https://doi.org/10.1017/S003329172000149X>

McLaughlin, K. A., Colich, N. L., Rodman, A. M., **Weissman, D. G.,** (2020) Mechanisms linking childhood trauma exposure and psychopathology: a transdiagnostic model of risk and resilience. *BMC Medicine*. 18, 1-11, <https://doi.org/10.1186/s12916-020-01561-6>

Chahal, R., **Weissman, D. G.,** Marek, S., Rhoads, S. A., Hipwell, A. E., Forbes, E. E., Keenan, K., Guyer, A. E., (2019). Girls' Brain Structural Connectivity in Late Adolescence Relates to History of Depression Symptoms. *Journal of Child Psychology and Psychiatry*. 61(11), 1224-1233 <https://doi.org/10.1111/jcpp.13184>

McLaughlin, K. A., **Weissman, D. G.,** Bitran, D. (2019) Childhood adversity and neural development: a systematic review. *Annual Review of Developmental Psychology*. 1, 277-312, <https://doi.org/10.1146/annurev-devpsych-121318-084950>

Vilgis, V., Rhoads, S. A., **Weissman, D. G.,** Gelardi, K., Forbes, E. K., Hipwell, A. E., Keenan, K., Hastings, P. D., Guyer, A. E. (2019). Direct replication of task-dependent neural activation patterns during sadness introspection in two independent adolescent samples. *Human Brain Mapping*. 41(3), 739-754, <https://doi.org/10.1002/hbm.24836>.

Weissman, D. G., Jenness, J. L., Colich, N. L., Miller, A. B., Sambrook, K. A., Sheridan, M. A., & McLaughlin, K. A. (2019). Altered neural processing of threat-related information in children and adolescents exposed to violence: A transdiagnostic mechanism contributing to the emergence of psychopathology. *Journal of the American Academy of Child & Adolescent Psychiatry*. 59(11), 1274-1284. <https://doi.org/10.1016/j.jaac.2019.08.471>

Swartz, J. R., **Weissman, D. G.,** Ferrer, E., Beard, S. J., Fassbender, C., Robins, R. W., Hastings, P. D., & Guyer, A.E. (2019). Reward-related brain activity prospectively predicts increases in alcohol use in adolescents. *Journal of the American Academy of Child and Adolescent Psychiatry*. 59(3), 391-400, <https://doi.org/10.1016/j.jaac.2019.05.022>

Weissman, D. G., Guyer, A. E., Ferrer, E., Robins, R. W., & Hastings, P. D. (2019). Tuning of brain-autonomic coupling by prior threat exposure: Implications for internalizing problems in

Mexican-origin adolescents. *Development and Psychopathology*. 31(3), 1127-1141, <https://doi.org/10.1017/S0954579419000646>

Rodman, A. M., Jenness, J. L., **Weissman, D. G.**, Pine, D. S., & McLaughlin, K. A. (2019). Neurobiological markers of resilience to depression and anxiety following childhood maltreatment: The role of neural circuits supporting the cognitive control of emotion. *Biological Psychiatry*. 86(6), 464-473, <https://doi.org/10.1016/j.biopsych.2019.04.033>

Weissman, D. G., Bitran, D., Miller, A. B., Schaefer, J. D., Sheridan, M. A., & McLaughlin, K. A. (2019). Difficulties with emotion regulation as a transdiagnostic mechanism linking child maltreatment with the emergence of psychopathology. *Development and Psychopathology*. 31(3), 899-915, <https://doi.org/10.1017/S0954579419000348>

Weissman, D. G., Conger, R. D., Robins, R. W., Hastings, P. D., & Guyer, A. E. (2018). Income change alters default mode network connectivity for adolescents in poverty. *Developmental Cognitive Neuroscience*, 30, 93–99. <https://doi.org/10.1016/j.dcn.2018.01.008>

Weissman, D. G., Gelardi, K. L., Conger, R. D., Robins, R. W., Hastings, P. D., & Guyer, A. E. (2018). Adolescent externalizing problems: Contributions of community crime exposure and neural function during emotion introspection in Mexican-origin youth. *Journal of Research on Adolescence*, 28(2), 551–563. <https://doi.org/10.1111/jora.12358>

Weissman, D. G., Guyer, A. E., Ferrer, E., Robins, R. W., & Hastings, P. D. (2018). Adolescents' brain-autonomic coupling during emotion processing. *NeuroImage*, 183, 818–827. <https://doi.org/10.1016/j.neuroimage.2018.08.069>

Tashjian, S. M*, **Weissman, D. G***, Guyer, A. E., & Galván, A. (2018). Neural response to prosocial scenes relates to subsequent giving behavior in adolescents: A pilot study. *Cognitive, Affective and Behavioral Neuroscience*, 18(2), 342–352. <https://doi.org/10.3758/s13415-018-0573-9>

Weissman, D. G., Schriber, R. A., Fassbender, C., Atherton, O., Krafft, C., Robins, R. W., ... Guyer, A. E. (2015). Earlier adolescent substance use onset predicts stronger connectivity between reward and cognitive control brain networks. *Developmental Cognitive Neuroscience*, 16, 121–129. <https://doi.org/10.1016/j.dcn.2015.07.002>

*co-first-authored publication

CONFERENCE PRESENTATIONS

Weissman, D. G., McLaughlin, K. A., (2020, December). *Neural mechanisms of stress sensitization to internalizing psychopathology*. Society for Epidemiological Research Annual Meeting, Virtual Conference

Susman, E.S., **Weissman D. G.**, McLaughlin, K.A. (2020, June). *The influence of emotion awareness on neural function during emotion regulation*. Mind and Life Summer Research Institute, The Garrison Institute, Garrison, NY. Preregistration: osf.io/7kf43

Kim, S. G., **Weissman, D. G.**, McLaughlin, K. A., (2020, May) *Parental buffering of psychopathology development following childhood trauma exposure: The importance of child-perceived parental support*. Presented at the Association for Psychological Science Virtual Poster Showcase

Lambert, H. K., **Weissman, D. G.**, Rodman, A. M., Peverill, M., Sheridan, M. A., McLaughlin, K. A. (2019, September) *Reduced hippocampal and amygdala volume after childhood violence*

exposure increases risk for depression after later life stress. Presented at Flux Congress, New York, NY.

Weissman, D. G., Hastings, P. D., Robins, R. W., Guyer, A. E., (2019, March) *Consequences of poverty and community crime exposure on Mexican-American adolescents' mental health.* Presented at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.

Weissman, D. G., Guyer, A. E., Robins, R. W., Hastings, P. D., (2019, March) *Adaptive calibration of Mexican-origin adolescents' brain-autonomic coupling by prior threat exposure.* Presented at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.

Beard, S., Robins, R. W., Hastings, P. D., Chahal, R., **Weissman, D. G.**, Guyer, A. E., (2019, March) *Neural response to social exclusion, depressive symptoms, and substance use in Mexican-origin adolescents.* Presented at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.

Gonzalves, L., **Weissman, D. G.**, Robins, R. W., Guyer, A. E., Hastings, P. D., (2019, March) *Distress, neuroticism, and perceived discrimination predict greater odds of endorsing suicidality in Mexican origin youth.* Presented at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.

Johnson, L., Parra, L. **Weissman, D. G.**, Han, S., Robins, R. W., Guyer, A. E., Hastings, P. D., (2019, March) *Childhood financial and familial stress differentially predict adrenocortical dysregulation in Mexican-origin adolescents.* Presented at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.

Manning, R., Parra, L., **Weissman, D. G.**, Robins, R. W., Guyer, A. E., Hastings, P. D., (2019, March) *Rumination mediates associations between family relationship quality and depressive symptoms in Mexican-origin adolescents.* Presented at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.

Ugarte, E., Miller, J. G., **Weissman, D. G.**, Hastings, P. D., (2019, March) *Vagal flexibility moderates the relationship between environmental risk and externalizing problems in childhood.* Presented at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.

Hastings, P. D., Parra, L., Johnson, L., **Weissman, D. G.**, Robins, R. W., Guyer, A. E., (2019, March) *Poverty potentiates the association of parental conflict with elevated cytokines and depression in Mexican-origin adolescents.* Presented at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.

Swartz, J. R., **Weissman, D. G.**, Robins, R. W., Hastings, P. D., Guyer, A. E. (2018, May) *Developmental patterns of life stress predict reward-related brain function in adolescence.* Presented at the annual meeting of the Association for Psychological Sciences, San Francisco, CA.

Spivey, B., **Weissman, D. G.**, Guyer, A. E. (2017, November) *Associations between hippocampal volume and environmental stressors.* Presented at the 2017 Annual Biomedical Research Conference for Minority Students, Phoenix, AZ.

Weissman, D. G., Mendes, W. B. (2017, October) *Patterns and individual differences in autonomic balance during social evaluation.* Presented at the American Psychosomatic Society 2017 Mid-year meeting, Berkeley, CA.

Chahal, R., Rhoads, S., **Weissman, D.** Hipwell, A. Forbes, E. Guyer, A. (2017, September) *Heterogeneous trajectories of depression: associations with brain structural connectivity in adolescence*. Presented at Flux Congress, Portland, OR.

Weissman, D. G., Robins, R. W., Hastings, P. D., Guyer, A. E. (2017, April) *Effects of depression on neurovisceral integration during emotion processing in Mexican-origin youth*. Presented at the biennial meeting of the Society for Research on Child Development, Austin, TX.

Weissman, D. G., Robins, R. W., Hastings, P. D., Guyer, A. E. (2017, April) *Income improvement across adolescence predicts increased default network connectivity in Mexican-origin youth*. Presented at the biennial meeting of the Society for Research on Child Development, Austin, TX.

Hastings, P. D., Troxel, N., **Weissman, D. G.**, Schriber, R. A., Gonzales, J., Guyer, A. E. (2017, April) *Using developmental science to shed new light on allostatic load*. Presented at the biennial meeting of the Society for Research on Child Development, Austin, TX.

Tashjian, S. M., **Weissman, D. G.**, Guyer, A.E., Galvan, A. (2017, March) *Neural and behavioral correlates of altruism in adolescence*. Presented at the annual meeting of the Social and Affective Neuroscience Society, Los Angeles, CA.

Weissman, D. G., Gelardi, K. L., Conger, R. D., Robins, R. W., Hastings, P. D., Guyer, A. E. (2016, September) *Community crime exposure, neural response to sad faces, and adolescent externalizing problems*. Presented at Flux Congress, St. Louis, MO.

Miller J. G., **Weissman, D. G.**, Hastings, P. D., Guyer, A. E. (2016, September) *Cognitive reappraisal interacts with motivation-related neural responses to sad faces to predict individual differences in adolescent prosociality*. Presented at the Annual Meeting of the Society for Psychophysiological Research, Minneapolis, MN

Weissman, D. G., Hastings, P.D., Robins, R. W., Guyer, A. E. (2016, April). *Exposure to community crime and Mexican-origin adolescents' neural processing of emotional faces*. Presented at the biennial meeting of the Society for Research in Adolescence, Baltimore, MD.

Weissman, D. G., Schriber, R. A., Krafft, C., Robins, R. W., Conger, R. D., Hastings, P. D. Guyer, A. E. (2015, March) *Nucleus accumbens-based resting state connectivity networks: associations with substance use in Mexican-origin adolescents*. Presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

Weissman, D. G., Schriber, R. A., Krafft, C., Robins, R. W., Conger, R. D., Hastings, P. D. Guyer, A. E. (2014, May). *Differences in nucleus accumbens connectivity associated with adolescent substance use*. Presented at the annual meeting of the Association for Psychological Sciences, San Francisco, CA.

FUNDING

Sackler Scholars Programme Research Grant,
April 2019-March 2020, \$10,000

UC Consortium for the Developmental Science of Adolescence Seed Grant,
February 2016- July 2017, \$7500, Co-investigators: Amanda Guyer, Adriana Galvan, Sarah Tashjian

Predoctoral Training Consortium in Affective Science Traineeship,
July 2016-June 2018, NIH Grant 5T32MH020006-18.

AWARDS AND HONORS

Harvard Brain Science Initiative Young Scientist Transition Award: 2021
Society for Research on Child Development Biennial Meeting Travel Award: 2017
University of California-Davis Center for Poverty Research Graduate Student Fellowship: 2014, 2016
National Science Foundation Graduate Research Fellowship, Honorable Mention: 2014
University of California-Davis Provost's First Year Fellowship: 2013

PREVIOUS RESEARCH EXPERIENCE

Laboratories of Paul Hastings and Amanda Guyer,	June 2013- September 2018
Laboratory of Wendy Mendes	June 2017-September 2017
UC Davis Center for Mind and Brain	
Laboratory of Silvia Bunge UC Berkeley Psychology	August 2012- May 2013
Laboratory of Adrian Raine, USC Psychology	August 2005- December 2006

OTHER COMMUNITY WORK/TEACHING EXPERIENCE

UC Davis Department of Human Ecology Summer High School Research Program	June 2017
Mentor	
UC Davis Psychology Department. Davis, CA	September 2015 - March 2016
Teaching Assistant	
Prison University Program, San Rafael, CA	January-April 2016
Instructor in Psychology at San Quentin Prison	
Oliver Wendell Holmes Junior High School. Davis, CA	August 2014 – October 2015
Cross Country Coach, Basketball Coach	
East Bay Academy for Young Scientists. Berkeley, CA	September 2011 – June 2013
Public Education Specialist	
Roots International Academy. Oakland, CA	August 2008 – June 2011
Teacher, 7 th Grade Science	

SERVICE

Mentor for the Prospective PhD and RA Event in Psychology (PPREP), Harvard
Organizing Committee for the Innovators in Cognitive Science seminar series:
<https://innovatorsincogneuro.github.io/>
Psychology Ambassador to the Graduate Student Association, UC Davis
Founding member of the Psychology Graduate Student Diversity Committee, UC Davis
Mentor for the UC Davis Summer Poverty Research Engagement Experience
Peer Reviewing for 2019 Society for Research in Child Development Biennial Meeting
Peer Review: <https://publons.com/researcher/1457644/david-weissman/peer-review/>

PROFESSIONAL ORGANIZATIONS

Association for Psychological Science: 2014-present
American Psychological Association: 2013-present
Society for Research on Adolescence: 2015-present
Society for Research in Child Development: 2014-present
The International Congress for Integrative Developmental Cognitive Neuroscience (Flux Society): 2014-present
University of California Consortium on the Developmental Science of Adolescence: 2015-2018

TRAININGS AND CONFERENCES ATTENDED

Society for Epidemiological Research Annual Meeting, December 2020

Flux Virtual Congress, September 2020

Society for Research in Child Development Biennial Meeting, Baltimore, MD: March, 2019

American Psychosomatic Society Mid-year meeting, Berkeley, CA: October, 2017

University of California Consortium on the Developmental Science of Adolescence Summer Institute, Los Angeles, CA: August 2017

Society for Research in Child Development Biennial Meeting, Austin, TX: April, 2017

Society for Research on Adolescence Biennial Meeting, Baltimore, MD: April, 2016

University of California Consortium on the Developmental Science of Adolescence, Berkeley, CA: August 2015

Society for Research in Child Development Biennial Meeting, Philadelphia, PA: March, 2015

Flux Congress, Hollywood, CA: September, 2014

Association for Psychological Sciences Annual Meeting. San Francisco, CA: May, 2014.

National Institute of Health Analysis of Functional NeuroImaging (AFNI) Bootcamp. Bethesda, MD: December, 2013.