

David G Weissman, PhD.  
33 Kirkland St. Cambridge, MA 02138  
[dweissman@fas.harvard.edu](mailto: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**

**Weissman, D. G.,** Mendes, W. B. (under review). Patterns and individual differences in the coordination of sympathetic and parasympathetic nervous system activity during rest and acute stress tasks. <https://doi.org/10.1101/753657>

Ugarte, E., Narea, M., Aldoney, D., **Weissman, D. G.,** Hastings, P. D. (in press) Family risk and externalizing problems in Chilean children: mediation by harsh parenting and emotional support. *Child Development*.

**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*.  
<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*.  
<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*. <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*.  
<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*. <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*. <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*. <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*. <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*. <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*. <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*. <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

\*co-first-authored publication

## **CONFERENCE PRESENTATIONS**

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**

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 <sup>th</sup> Grade Science	

## **SERVICE**

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 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.