**Nancy E. Adleman, Ph.D.**

**Curriculum Vitae**

ORCID: <https://orcid.org/0000-0002-2611-7819>

NCBI: <https://www.ncbi.nlm.nih.gov/myncbi/nancy.adleman.3/bibliography/public/>

## CURRENT POSITION

2014-present **Catholic University of America**

Washington, DC

 Tenure-track Assistant Professor, Department of Psychology

## PAST POSITIONS

2013-2014 **Catholic University of America**

Washington, DC

 Visiting Assistant Professor, Department of Psychology

2008-2013 **National Institute of Mental Health, Section on Bipolar Spectrum Disorders**

Bethesda, MD

Postdoctoral Intramural Research Training Award

*Supervisor*: Ellen Leibenluft, M.D.

### *EDUCATION*

2002-2008 **Stanford University School of Medicine**

Stanford, CA

Doctor of Philosophy in Neurosciences

Howard Hughes Medical Institute Predoctoral Fellow in Biological Sciences

*Thesis*: Neural correlates of depression in adolescent females: Identification and differentiation using fMRI.

*Advisor*: Allan L. Reiss, M.D.

1995-1999 **Stanford University**

Stanford, CA

Bachelor of Arts in Psychology, Neuroscience Track

Graduated with Distinction (GPA in top 15% of 1687 members of graduating class)

Phi Beta Kappa

Psi Chi Psychology National Honor Society

## AWARDS AND HONORS

2019 **Teaching Excellence in Early Career Provost Award**, The Catholic University of America

2013 **Health Emotions Research Institute Travel Award**, Wisconsin Symposium on Emotion

2012 **NIMH Seymour Kety Memorial Fellowship Training Award**, National Institute of Mental Health ($5000 for research, 10% salary increase for 2 years)

2011 **Health Emotions Research Institute Travel Award**, Wisconsin Symposium on Emotion

2010 **Clinical Voice Poster**, American College of Neuropsychopharmacology Annual Meeting

One of 10 clinical posters competitively selected to record an audio presentation to be featured on the Annual Meeting website.

2009 **Career Development Institute for Bipolar Disorder** Participant, Pittsburgh, PA

2008 **Organization for Human Brain Mapping Annual Meeting Travel Award**

Among 150 conference attendees awarded $1000 to support travel to the conference

2008 **Health Emotions Research Institute Travel Scholar**, Wisconsin Symposium on Emotion

2007 **National Institutes of Health National Graduate Student Research Festival** Invitee

 One of the 240 graduate students invited to participate

2006 **School of Medicine Biosciences Graduate Education Award for Excellence in Teaching**

 *The Nervous System:* Stanford University School of Medicine, Stanford, CA.

2004 **International Achievement Summit** **Scholar**, Academy of Achievement

 One of the 250 graduate students nominated internationally as the “most promising young leaders of tomorrow.”

2004 **Health Emotions Research Institute Travel Award**, Wisconsin Symposium on Emotion

2003 **Howard Hughes Medical Institute Predoctoral Fellowship in Biological Sciences** Among 49 of 1,086 applicants selected for 5 years of full graduate research support totaling $200,000.

2003 **National Defense Science and Engineering Graduate Fellowship**, Honorable Mention

2003 **Health Emotions Research Institute Travel Award,** Wisconsin Symposium on Emotion

## STUDENT TRAINEE AWARDS, HONORS, GRANTS

2017 **Angela Shuback, Psi Chi Summer Unrestricted Travel Grant**, $955 to help Angela travel to present her MA research project at the 29th Association for Psychological Science Annual Convention in Boston, MA.

2016 **Parmis Khosravi**, **DC Psychological Association (DCPA) Basic Psychological Science Research Grant,** $1000 to fund “innovative psychological science research project”

### *PUBLICATIONS*

*\* Indicates student mentee*

Linke, J.#, **Adleman, N.E.**#, Sarlls, J., Ross, A., Perlstein, S., Frank, H., Towbin, K.E, Pine, D.S., Leibenluft, E., & Brotman, M.A. 2019. White matter microstructure in pediatric bipolar disorder and disruptive mood dysregulation disorder. *Journal of the American Academy of Child and Adolescent Psychiatry*, In Press.

#Authors contributed equally to this work

Ferreira, K.E.\* & **Adleman, N.E.** 2018. Memory, emotion regulation, and social inference skills in college students. *Current Psychology*, https://doi.org/10.1007/s12144-018-9833-7.

Pagliaccio, D., Wiggins, J.L., **Adleman, N.E.**, Harkins, E., Curhan, A., Towbin, K.E., Brotman, M.A., Pine, D.S., Leibenluft, E. 2017. Behavioral and neural sustained attention deficits in bipolar disorder and familial risk for bipolar. *Biological Psychiatry* 82(9): 669-678. doi: 10.1016/j.biopsych.2016.09.006. PMID: 27837919.

Pagliaccio, D., Wiggins, J.L., **Adleman, N.E.**, Curhan, A., Zhang, S., Towbin, K.E., Brotman, M.A., Pine, D.S. and Leibenluft, E. 2017. Behavioral and neural sustained attention deficits in Disruptive Mood Dysregulation Disorder and Attention Deficit Hyperactivity Disorder. *Journal of the American Academy of Child and Adolescent Psychiatry* 56(5): 436-435. doi: 10.1016/j.jaac.2017.02.008. PMID: 28433092.

Gold, A.L., Brotman, M.A., **Adleman, N.E.**, Lever, S.N., Steuber, E.R., Fromm, S.J., Mueller, S.C., Pine, D.S., Leibenluft, E. 2016. Comparing brain morphometry across multiple childhood psychiatric disorders. *Journal of the American Academy of Child and Adolescent Psychiatry* 55(12): 1027-1037.e3.doi: 10.1016/j.jaac.2016.08.008.

Wiggins, J.L., Brotman, M.A., **Adleman, N.E.**, Kim, P., Wambach, C.G., Reynolds, R.C., Chen, G., Towbin, K., Pine, D.S., Leibenluft, E. 2017. Neural markers in pediatric bipolar disorder and familial risk for bipolar disorder. *Journal of the American Academy of Child and Adolescent Psychiatry* 56(1): 67-78. doi: 10.1016/j.jaac.2016.10.009. PMID: 27993231.

Wiggins, J.L., Brotman, M.A., **Adleman, N.E.**, Kim, P., Oakes, A.H., Reynolds, R.C., Chen, G., Pine, D.S., Leibenluft, E. 2016. Neural correlates of irritability in disruptive mood dysregulation and bipolar disorder. *The American Journal of Psychiatry* 173(7):722-730. doi: 10.1176/appi.ajp.2015.15060833.

**Adleman, N.E.**, Chen, G., Reynolds, R.C., Frackman, A., Razdan, V., Weissman, D.H., Pine, D.S., Leibenluft, E. 2016. Age-related differences in the neural correlates of trial-to-trial variations of reaction time. *Developmental Cognitive Neuroscience* 19: 248-257. https://doi.org/10.1016/j.dcn.2016.05.001

Wiggins, J.L., **Adleman, N.E.**, Kim, P., Oakes, A.H., Hsu, D., Reynolds, R.C., Chen, G., Pine, D.S., Brotman, M.A., Leibenluft, E. 2016. Developmental differences in the neural mechanisms of facial emotion labeling. *Social Cognitive and Affective Neuroscience* 11(1): 172-181. doi: 10.1093/scan/nsv101.

Chen, G., Saad, Z.S., **Adleman, N.E.**, Leibenluft, E., Cox, R.W. 2015. Detecting the subtle shape differences in hemodynamic responses at the group level. *Frontiers in Neuroscience* 9:375. doi: 10.3389/fnins.2015.00375.

**Adleman, N.E**., Yi, J., Deveney, C.M., Guyer, A., Leibenluft, E., Brotman, M.A. 2014. Increased intrasubject variability in response time in unaffected preschoolers at familial risk for bipolar disorder. *Psychiatry Research* 219(3): 687-689.

Chen, G., **Adleman, N.E.**, Saad, Z.S., Leibenluft, E., Cox, R.W. 2014. Applications of Multivariate Modeling to Neuroimaging Group Analysis: A Comprehensive Alternative to Univariate General Linear Model. *NeuroImage* 99: 571-588.

Brotman, M.A., Tseng, W.L., Olsavsky, A.K., Fromm, S.J., Muhrer, E.J., Rutenberg, J.G., Deveney, C.M., **Adleman, N.E.**, Zarate, C.A., Pine, D.S., Leibenluft, E. 2014. Fronto-limbic-striatal dysfunction in pediatric and adult patients with bipolar disorder: Impact of face emotion and attentional demands. *Psychological Medicine*: 44(8): 1639-1651.

Deveney, C.M., Brotman, M.A., Thomas, L.A., Hinton, K.E., Muhrer, E.M., Reynolds, R.C., **Adleman, N.E.**, Zarate, C.A., Pine, D.S., Leibenluft, E. 2014. Neural response during explicit and implicit face processing varies developmentally in bipolar disorder. *Social Cognitive and Affective Neuroscience* 9(12): 1984-1992.

**Adleman, N.E.**, Kayser, R.R., Olsavsky, A.K., Bones, B.L., Muhrer, E.J., Fromm, S.J., Pine, D.S., Zarate, C., Leibenluft, E., Brotman, M.A. 2013. Abnormal fusiform activation during emotional-face encoding assessed with functional magnetic resonance imaging. *Psychiatry Research: Neuroimaging* 212(2):161-163.

Thomas, L.A., Kim, P., Bones, B.L., Hinton, K.E., Milch, H.S., Reynolds, R.C., **Adleman, N.E.**, Marsh, A.A., Blair, R.J.R., Pine, D.S., Leibenluft, E. 2013. Elevated amygdala responses to emotional faces in youths with chronic irritability or bipolar disorder. *NeuroImage: Clinical* 2(1): 637-645.

Singh, M.K., Jo, B., **Adleman, N.E.**, Howe, M., Bararpour, L., Kelley, R.G., Spielman, D., Chang, K.D. 2013. Prospective neurochemical characterization of child offspring of parents with bipolar disorder. *Psychiatric Research: Neuroimaging* 214(2): 153-160.

**Adleman, N.E.**, Fromm, S., Razdan, V., Kayser, R., Dickstein, D.P., Brotman, M.A., Pine, D.S., Leibenluft, E. 2012. Cross-sectional and longitudinal abnormalities in brain structure in children with severe mood dysregulation or bipolar disorder. *Journal of Child Psychology and Psychiatry* 53(11): 1149-1156.

Garrett, A., Reiss, A., Howe, M., Kelley, R., Singh, M., Karchemskiy, A., **Adleman, N.**, Chang, M., Chang, K. 2012. Abnormal amygdala and prefrontal cortex activation to facial expressions in pediatric bipolar disorder. *Journal of the American Academy of Child and Adolescent Psychiatry* 51(8):821-831.

**Adleman, N.E.**, Kayser, R., Dickstein, D.P., Blair, R.J., Pine, D.S., Leibenluft, E. 2011. Neural correlates of reversal learning in severe mood dysregulation and pediatric bipolar disorder. *Journal of the American Academy of Child and Adolescent Psychiatry* 50(11): 1173-1185.e2.

Karchemskiy, A., Garrett, A., Howe, M., **Adleman, N.**, Simeonova, D.I., Alegria, D., Reiss, A., Chang, K. 2011. Amygdalar, hippocampal, and thalamic volumes in youth at high risk for development of bipolar disorder. *Psychiatry Research: Neuroimaging* 194(3): 319-25.

Singh, M., Spielman, D., **Adleman, N.**, Alegria, D., Howe, M., Reiss, A., Chang, K. 2010. Brain glutamatergic characteristics of pediatric offspring of parents with bipolar disorder. *Psychiatry Research: Neuroimaging* 182(2): 165-171.

Singh, M.K., Chang, K.D., Mazaika, P., Garrett, A., **Adleman, N.**, Kelley, R., Howe, M., Reiss, A. 2010. Neural correlates of response inhibition in pediatric bipolar disorder. *Journal of Child and Adolescent Psychopharmacology* 20(1): 15-24.

Simeonova, D.I., Jackson, V., Attalla, A., Karchemskiy, A., Howe, M., **Adleman, N.**, Chang, K. 2009. Subcortical volumetric correlates of anxiety in familial pediatric bipolar disorder: a preliminary investigation. *Psychiatry Research: Neuroimaging* 173(2): 113-20.

Chang, K., Karchemskiy, A., Kelley, R., Howe, M., Garrett, A., **Adleman, N.**, Reiss, A. 2009. Effect of divalproex on brain morphometry, chemistry, and function in youth at high-risk for bipolar disorder: A pilot study. *Journal of Child and Adolescent Psychopharmacology* 19(1): 51-59.

Chang, K., **Adleman, N.**, Wagner, C., Barnea-Goraly, N., Garrett, A. 2006. Will neuroimaging ever be used to diagnose pediatric bipolar disorder? *Developmental Psychopathology* 18(4): 1133-1146.

Chang, K., **Adleman, N.E**., Dienes, K., Simeonova, D.I., Menon, V., Reiss, A.L. 2004. Anomalous prefrontal-subcortical activation in familial pediatric bipolar disorder: A functional magnetic resonance imaging investigation. *Archives of General Psychiatry* 61: 781-792.

**Adleman, N.E.**, Barnea-Goraly, N., Chang, K.D. 2004. Review of magnetic resonance imaging and spectroscopy studies in children with bipolar disorder. *Expert Review of Neurotherapeutics* 4(1): 69-77.

Chang, K.D., Dienes, K., Blasey, C., **Adleman, N.**, Ketter, T., Steiner, H. 2003. Divalproex monotherapy in the treatment of bipolar offspring with mood and behavioral disorders and at least mild affective symptoms. *Journal of Clinical Psychiatry* 64(8): 936-942.

Chang, K., **Adleman, N.**, Dienes, K., Barnea-Goraly N., Reiss, A., Ketter, T. 2003. Decreased N-acetylaspartate in children with familial bipolar disorder. *Biological Psychiatry* 53(11): 1059-1065. PMID: 12788251.

Chang, K., Steiner, H., Dienes, K., **Adleman, N.**, Ketter, T. 2003. Bipolar offspring: A window into bipolar disorder evolution. *Biological Psychiatry* 53(11): 945-951. PMID: 12788239.

Dienes, K.A., Chang, K.D., Blasey, C.M., **Adleman, N.E.,** Steiner, H. 2002. Characterization of children of bipolar parents by parent report CBCL. *Journal of Psychiatric Research* 36(5): 337-345. PMID: 12127602.

**Adleman, N.E.**, Menon, V., Blasey, C.M., White, C.D., Warsofsky, I.S., Glover, G.H., Reiss, A.L. 2002. A developmental fMRI study of the Stroop Color-Word task. *NeuroImage* 16(1): 61-75. doi: 10.1006/nimg.2001.1046. PMID: 11969318.

Menon, V., **Adleman, N.E.**, White, C.D., Glover, G.H., Reiss, A.L. 2001. Error-related brain activation during a Go/NoGo response inhibition task. *Human Brain Mapping* 12(3): 131-143. PMID: 11170305.

### *INVITED PRESENTATIONS*

**Adleman, N.E.** (2017, November). Bringing science into the seminary: Bridging communities at a religious university. In S.Y. Kim (Moderator), *Social Issues Roundtable: Engaging neuroscientists in dialogue with religious communities*. Symposium conducted at the 47th Annual Meeting of the Society for Neuroscience, Washington, DC.

**Adleman, N.E.**, Fromm, S., Razdan, V., Kayser, R., Dickstein, D.P., Pine, D.S., Leibenluft, E. (2012, October). Cross-sectional and longitudinal abnormalities in brain structure in children with severe mood dysregulation or bipolar disorder. In M.K. Singh (Chair), *Longitudinal imaging studies in pediatric bipolar disorder*. Symposium conducted at the 59th American Academy of Child & Adolescent Psychiatry Annual Meeting, San Francisco, CA.

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**Adleman, N.E.**, Kayser, R., Dickstein, D., Blair, R., Pine, D., Leibenluft, E. 2010. fMRI of response reversal in pediatric bipolar disorder and severe mood dysregulation. Selected to give oral presentation at the 14th Annual NIMH Intramural Research Program Scientific Retreat, Gettysburg, PA.

**Adleman, N.E.** 2007. Differentiating adolescent depression using fMRI. Howard Hughes Medical Institute 2007 Meeting of Predoctoral and Physician Postdoctoral Fellows, Chevy Chase, MD.

## SELECTED CONFERENCE PRESENTATIONS

*\* Indicates student mentee*

**Adleman, N.E.**, Singh, M.K., Chang, K.D., Howe, M.E., Barnea-Goraly, N., Garrett, A.S., Reiss, A.L. May 2019. Using fMRI to distinguish depressive episodes associated with major depressive disorder and bipolar disorder in unmedicated female adolescents. 31st Association for Psychological Science Annual Convention, Washington, DC.

Khosravi, P.\*, Parker, A.J.\*, Godovich, S., Rich, B., **Adleman, N.E.** May 2019. The effect of social emotional information on attention regulation. 31st Association for Psychological Science Annual Convention, Washington, DC.

McMorran, K.E.\*, Raffaele, C.T.\*, **Adleman, N.E.** May 2019. Impact of an online mindful breathing intervention on attention and depressive symptoms in young adults. 31st Association for Psychological Science Annual Convention, Washington, DC.

Parker, A.J.\*, **Adleman, N.E.** May 2019. Current mood and emotion regulation ability influence biases for negative and positive stimuli. 31st Association for Psychological Science Annual Convention, Washington, DC.

Stavish, C., Linke, J., **Adleman, N.E.**, Sarlls, J., Towbin, K.E., Pine, D.S., Leibenluft, E., Brotman, M.A. May 2019. Alterations in white matter (WM) microstructure and increased irritability in bipolar individuals and their relatives. 31st Association for Psychological Science Annual Convention, Washington, DC.

**Adleman, N.E.**, Singh, M.K., Chang, K.D., Howe, M.E., Barnea-Goraly, N., Garrett, A.S., Reiss, A.L. May 2019. Using fMRI to distinguish depressive episodes associated with major depressive disorder and bipolar disorder in unmedicated female adolescents. 74th Annual Scientific Conference of the Society for Biological Psychiatry, Chicago, IL.

Linke, J., Stavish, C., **Adleman, N.**, Sarlls, J., Towbin, K., Pine, D., Leibenluft, E., Brotman, M.A. May 2019. White matter microstructure and related difficulties in emotion regulation: Differentiating vulnerability and disease marker in bipolar disorder. 74th Annual Scientific Conference of the Society for Biological Psychiatry, Chicago, IL.

**Adleman, N.E.**, Singh, M.K., Chang, K.D., Howe, M.E., Barnea-Goraly, N., Garrett, A.S., Reiss, A.L. April 2019. Using fMRI to distinguish depressive episodes associated with major depressive disorder and bipolar disorder in unmedicated female adolescents. 4th Annual Catholic University of America Research Day, Washington, DC.

McMorran, K.E.\*, Raffaele, C.T.\*, **Adleman, N.E.** April 2019. Impact of an online mindful breathing intervention on attention and depressive symptoms in young adults. 4th Annual Catholic University of America Research Day, Washington, DC.

Parker, A.J.\*, **Adleman, N.E.** April 2019. Current mood and emotion regulation ability influence biases for negative and positive stimuli. 4th Annual Catholic University of America Research Day, Washington, DC.

**Adleman, N.E.**, Singh, M.K., Chang, K.D., Howe, M.E., Barnea-Goraly, N., Garrett, A.S., Reiss, A.L. April 2019. Using fMRI to distinguish depressive episodes associated with major depressive disorder and bipolar disorder in unmedicated female adolescents. Maryland Neuroimaging Retreat Annual Meeting 2019, Baltimore, MD.

Fair, E.V.\*, Parker, A.J.\*, **Adleman, N.E.** March 2019. Associations between self-reported interoceptive reactivity, emotion regulation, attentional control & cognitive control. 39th Annual Conference of the Anxiety and Depression Association of America, Chicago, IL.

Linke, J., **Adleman, N.**, Sarlls, J., Ross, A., Frank, H., Leibenluft, E., Brotman, M. May 2018. White matter microstructure in disruptive mood dysregulation disorder and bipolar disorder. 73rd Annual Scientific Conference of the Society for Biological Psychiatry, New York, NY.

Fair, E.V.\*, Kiser, S.A., **Adleman, N.E.** April 2018. Relationship between depressive symptoms, stress, and implicit learning. 3rd Annual Catholic University of America Research Day, Washington, DC.

Fair, E.V.\*, Parker, A.J.\*, **Adleman, N.E.** April 2018. Interoception and cognitive processing. 3rd Annual Catholic University of America Research Day, Washington, DC.

Ferreira, K.E.\*, Hamedi, A.\*, Nolan, A.\*, Nicotera, D.\*, **Adleman, N.E.** April 2018. Comparing the effects of state and trait emotion regulation on memory. 3rd Annual Catholic University of America Research Day, Washington, DC.

Khosravi, P.\*, Shuback, A.\*, Parker, A.\*, **Adleman, N.** April 2018. Depressive symptoms, emotional regulation ability, and attention control ability influence conflict processing with task-irelevant emotional stimuli. 3rd Annual Catholic University of America Research Day, Washington, DC.

McMorran, K.\* & **Adleman, N.** April 2018. Improvements in attention and depressive symptoms in emerging adults following a three-week online mindful breathing intervention. 38th Annual Conference of the Anxiety and Depression Association of America, Washington, DC.

Khosravi, P.\*, Shuback, A.\*, Parker, A.\*, **Adleman, N.** April 2018. Depressive symptoms, emotional regulation ability, and attention control ability influence conflict processing with task-irrelevant emotional stimuli. 38th Annual Conference of the Anxiety and Depression Association of America, Washington, DC.

Ross, A., Linke, J., **Adleman, N.**, Sarlls, J., Frank, H., Brotman, M.A., Leibenluft, E. April 2018. Association between white matter abnormalities and anxiety in bipolar youth. 38th Annual Conference of the Anxiety and Depression Association of America, Washington, DC.

**Adleman, N.E.** November 2017. Bringing science into the seminary. Social Issues Roundtable at the 47th Annual Meeting of the Society for Neuroscience, Washington, DC.

Kiser, S.A., Khosravi, P.\*, **Adleman, N.E.** November 2017. Individual differences in implicit probabilistic sequence learning. 47th Annual Meeting of the Society for Neuroscience, Washington, DC.

Linke, J.**#**, **Adleman, N.#**, Sarlls, J., Frank, H., Brotman, M.A., Leibenluft, E. September 2017. White matter microstructure, irritability and anxiety: a dimensional approach. 2nd Congress on Pediatric Irritability and Dysregulation, Burlington, VT.

**#**Authors contributed equally to the preparation of the presentation

Khosravi, P.\*, Shuback, A.\*, Parker, A.\*, **Adleman, N.** June 2017. Mood, emotional regulation function, and attention control influence conflict processing with task-irrelevant emotional stimuli. 1st Annual Journal of Clinical Child & Adolescent Psychology Future Directions Forum, College Park, MD.

Khosravi, P.\*, Shuback, A.\*, Parker, A.\*, **Adleman, N.** May 2017. Mood, emotional regulation function, and attention control influence conflict processing with task-irrelevant emotional stimuli. 29th Association for Psychological Science Annual Convention, Boston, MA.

Gill, K.E.\* & **Adleman, N.E.** April 2017. The impact of trait emotion regulation and memory on social inference skills. Society for Research in Child Development Biennial Meeting, Austin, TX.

Khosravi, P.\*, Shuback, A.\*, Parker, A.\*, **Adleman, N.** April 2017. The effect of emotion regulation on attention control and conflict processing using task-irrelevant emotional stimuli. 2nd Annual Catholic University of America Research Day, Washington, DC. Oral Presentation.

Penepent, J.T.\* & **Adleman, N.E.** April 2017. Distinguishing major depressive disorder and bipolar disorder in unmedicated adolescent females using fMRI. 2nd Annual Catholic University of America Research Day, Washington, DC.

Rubino, A.\* & **Adleman, N.E.** April 2017. Microstructural differences in neural structural connectivity associated with irritability. 2nd Annual Catholic University of America Research Day, Washington, DC.

Gill, K.E.,\* Cruser, M.\*, **Adleman, N.E.** April 2017. Relationships between emotion identification, psychological symptoms, and social inference skill. 2nd Annual Catholic University of America Research Day, Washington, DC.

Shuback, A.\*, Khosravi, P.\*, Parker, A.\*, **Adleman, N.E.** April 2017. Effects of current mood on attention and conflict processing during a task with task-irrelevant emotional stimuli. 2nd Annual Catholic University of America Research Day, Washington, DC.

**Adleman, N.**, Chen, G., Reynolds, R., Frackman, A., Razdan, V., Weissman, D., Pine, D., Leibenluft, E. May 2016. Age-related differences in the neural correlates of trial-to-trial variations of reaction time. 71st Annual Scientific Conference of the Society for Biological Psychiatry, Atlanta, GA.

**Adleman, N.**, Chen, G., Reynolds, R., Frackman, A., Razdan, V., Weissman, D., Pine, D., Leibenluft, E. April 2016. Age-related differences in the neural correlates of trial-to-trial variations of reaction time. 23rd Annual Meeting of the Cognitive Neuroscience Society, New York, NY.

McMorran, K.\*, Adleman, N. April 2016. Understanding the development of depression: How do attention, thinking styles and mindfulness affect mood? 1st Annual Catholic University of America Research Day, Washington, DC. Oral Presentation.

Gill, K.E.\*, Heryak, R.E.\*, Wilson, C.\*, Cruser, M-G.\*, **Adleman, N.E.** April 2016. The impact of trait emotion regulation and memory on social inference skill. 1st Annual Catholic University of America Research Day, Washington, DC. Poster Presentation.

Cruser, M-G.\*, Wilson, C.\*, Heryak, R.E.\*, Gill, K.\*, **Adleman, N.** April 2016. An analysis of the relationship between working memory, verbal and facial recognition, and social functioning. 1st Annual Catholic University of America Research Day, Washington, DC. Poster Presentation.

Penepent, J.T.\* & **Adleman, N.E.** April 2016. Distinguishing major depressive disorder and bipolar disorder in unmedicated adolescent females using fMRI. 1st Annual Catholic University of America Research Day, Washington, DC.

Pagliaccio, D., Wiggins, J., **Adleman, N.**, Brotman, M., Pine, D., Leibenluft, E. 2016. Behavioral and neural deficits in sustained attention in youths with or at-risk for bipolar disorder. Annual Meeting of the Anxiety and Depression Association of America, Philadelphia, PA.

Chen, G., Saad, Z., **Adleman, N.**, Leibenluft, E., Cox, R. 2015. Detecting subtle shape differences in hemodynamic responses. 21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, HI.

Gold, A.L., Brotman, M.A., **Adleman, N.E.**, Lever, S.N., Steuber, E.R., Fromm, S.J., Pine, D.S., Leibenluft, E. 2014. Comparing brain morphometry across multiple childhood psychiatric disorders. 53rd Annual Meeting of the American College of Neuropsychopharmacology, Phoenix, AZ.

**Adleman, N.E.**, Kim, P., Chen, G., Meyer, A., Muhrer, E., Pine, D.S., Brotman, M.A., Leibenluft, E. 2013. Neural correlates of face-emotion labeling in children with severe mood dysregulation. 68th Annual Scientific Conference of the Society for Biological Psychiatry, San Francisco, CA.

**Adleman, N.E.**, Kim, P., Chen, G., Meyer, A., Muhrer, E., Pine, D.S., Brotman, M.A., Leibenluft, E. 2013. Neural correlates of face-emotion labeling in children with severe mood dysregulation: Preliminary results. 2013 Wisconsin Symposium on Emotion

**Adleman, N.E.**, Reynolds, R., Chen, G., Razdan, V., Frackman, A., Pine, D.S., Leibenluft, E. 2012. Developmental differences in the neural correlates of trial-to-trial variance in response time. 51st Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, FL.

Brotman M.A., Bones, B.L., Olsavsky, A.K., **Adleman, N.E.**, Deveney, C.M., Dickstein, D.P., Pine, D.S., Leibenluft, E. 2012. Emotional face encoding in youth at risk for bipolar disorder: A preliminary fMRI study. 51st Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, FL.

Deveney, C.M. Brotman, M.A., Thomas, L.A., Hinton, K., Muhrer, E.M., Reynolds, R.C., **Adleman, N.E.**, Zarate, C.A., Pine, D.S., Leibenluft, E. 2012. Neural responses during explicit and implicit face processing vary developmentally in bipolar disorder. 51st Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, FL.

**Adleman, N.E.**, Razdan, V., Walker, L., Sarlls, J., Pierpaoli, C., Leibenluft, E. 2012. White matter in children with bipolar disorder and severe mood dysregulation. 67th Annual Scientific Conference of the Society for Biological Psychiatry, Philadelphia, PA.

Sarlls, J.E., Shaw, P., **Adleman, N.E.**, Roopchansingh, V. 2012. Straightforward method to improve sensitivity in diffusion imaging studies of subjects who move. 20th Annual Meeting of the International Society for Magnetic Resonance in Medicine, Melbourne, Australia. (Accepted for presentation as a Multimedia Electronic Poster)

**Adleman, N.E.**, Fromm, S., Razdan, V., Kayser, R., Dickstein, D.P., Pine, D.S., Leibenluft, E. 2011. Cross-sectional and longitudinal abnormalities in brain structure in children with severe mood

dysregulation or bipolar disorder. 50th Annual Meeting of the American College of Neuropsychopharmacology, Waikoloa, HI.

**Adleman, N.E.**, Kayser, R., Dickstein, D., Blair, R.J., Pine, D., Leibenluft, E. 2011. Neural correlates of reversal learning in pediatric bipolar disorder and severe mood dysregulation. 2011 Wisconsin Symposium on Emotion, Madison, WI.

**Adleman, N.E.**, Kayser, R., Dickstein, D., Blair, R.J., Pine, D., Leibenluft, E. 2010. Neural Correlates of Response Reversal in Pediatric Bipolar Disorder and Severe Mood Dysregulation. 49th Annual Meeting of the American College of Neuropsychopharmacology, Miami Beach, FL.

**Adleman, N.E.**, Fromm, S.J., Kayser, R., Dickstein, D., Pine, D., Leibenluft, E. 2009. A Longitudinal Structural MRI Study in Pediatric Bipolar Disorder. 56th Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Honolulu, HI.

**Adleman, N.E.**, Fromm, S., Kayser, R., Haimm, C., Baroni, A., Stringaris, A., Dickstein, D., Pine, D., Leibenluft, E. 2009. A Longitudinal Structural MRI Study in Pediatric Bipolar Disorder. 13th Annual NIMH Intramural Research Program Scientific Retreat, Gettysburg, PA.

**Adleman, N.E.,** Chang, K.D., Garrett, A., Barnea-Goraly, N., Howe, M., Reiss, A.L. 2008. Using fMRI to differentiate neural activity in depressed adolescents in response to personally-relevant emotional phrases. 14th Annual Meeting of the Organization for Human Brain Mapping, Melbourne, Australia.

**Adleman, N.E.,** Chang, K.D., Reiss, A.L. 2007. Depression in adolescence: Differentiation using fMRI. 54th Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Boston, MA.

**Adleman, N.E.,** Chang, K.D., Reiss, A.L. 2007. Depression in adolescence: Differentiation using fMRI. National Institutes of Health National Graduate Student Research Festival, Bethesda, MD.

**Adleman, N.E.**, Karchemskiy, A., Howe, M.E., Garrett, A.S., Reiss A.L., Chang K.D. 2006. Mood and Gender Effects on Amygdala Activation in Pediatric BD. 53rd Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Diego, CA.

**Adleman, N.E.**, Chang, K.D, Dienes, K.A., Menon, V., Reiss, A.L. 2002. fMRI of Visual Affective Stimulation in Boys with Bipolar Disorder. 49th Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Francisco, CA.

**Adleman, N.**, Chang, K., Dienes, K., Menon, V., Reiss, A.L. 2001. fMRI of Emotional Processing in Pediatric Bipolar Disorder. 48th Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Honolulu, HI.

**Adleman, N.E.**, Menon, V., Blasey, C., White, C.D., Reiss, A.L. 2000. A Developmental fMRI Study of the Stroop Color Word Interference Task. Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

### *PROFESSIONAL ACTIVITIES*

Invited ad-hoc reviewer for the following journals:

*Archives of General Psychiatry*

*Behavioral Neuroscience*

*BMC Psychiatry*

*Biological Psychiatry*

*Brain Research*

*Developmental Cognitive Neuroscience*

*Developmental Psychobiology*

*Drug and Alcohol Dependence*

*European Child & Adolescent Psychiatry*

*Experimental Neurology*

*International Journal of Psychophysiology*

*Journal of Affective Disorders*

*Journal of the American Academy of Child and Adolescent Psychiatry*

*Journal of Clinical and Experimental Neuropsychology*

*NeuroImage*

*Neuroscience & Biobehavioral Reviews*

*PLOS ONE*

*Psychiatry Research – Neuroimaging*

Invited peer reviewer:

The Wellcome Trust (International granting agency)

Oxford University Press

***PROFESSIONAL SOCIETY MEMBERSHIPS***

Society of Biological Psychiatry (Membership Committee Member)

Organization for Human Brain Mapping

Cognitive Neuroscience Society

Society for Neuroscience

Faculty for Undergraduate Neuroscience

Anxiety and Depression Association of America

Phi Beta Kappa Society

Psi Chi, International Honor Society in Psychology

### *PROFESSIONAL DEVELOPMENT*

12/17 **Workshop for Reproducible fMRI Analyses**, Chapel Hill, NC

05/17 **CUA Grant-Writing Workshop**, Washington, DC

07/15 **Brain Connectivity Methods Workshop**, Neurometrika, Philadelphia, PA

05/11 **MIPAV in Clinical Research**, National Institutes of Health, Bethesda, MD

09/09 **AFNI Bootcamp**, National Institutes of Health, Bethesda, MD

03-05/09 **Scientists Teaching Science**, National Institutes of Health, Bethesda, MD

04-06/08 **Professional & Leadership Development**, Stanford University School of Medicine

2007 **Stanford Faculty Development Program for Clinical Teaching**, Stanford University, Stanford, CA

2002 **Summer Workshop in fMRI Informatics**, fMRI Data Center, Dartmouth College, Hanover, NH

***SERVICE***

2019 **Guest Speaker**, CUA Center for Cultural Engagement’s Major Keys Event

2019 **Presenter**, CUA Cardinal Leadership Celebration Award dinner

2019 **Guest Speaker**, CUA School of Theological and Religious Studies book launch event for Prof. David Bosworth’s book, *House of Weeping: The Motif of Tears in Akkadian and Hebrew Prayers*

2019 **Department Speaker**, CUA Odyssey Day

2019 **Member**, CUA chapter of Phi Beta Kappa Membership Committee

2018- **Host**, CUA Cardinal Classroom Day

2018 **Panelist**, Women in STEM Coffee Talk, Hosted by the Women of CUA student club

2018 **Department Representative**, CUA Department of Psychology Preview Day table

2017-2019 **Advisory Committee Member**, American Association for the Advancement of Science (AAAS) “Science for Seminaries” project, phase II

2017 **Advisor**, Drama production of “Brainstorm!”, Stone Ridge School of the Sacred Heart, Bethesda, MD

2017 **Department Speaker**, CUA Department of Psychology Odyssey Day program

2017 **Department Speaker**, CUA Department of Psychology Preview Day program

2017 **Speaker**, Women Leadership Day, Elizabeth Seton High School, Bladensburg, MD

2017 **Presenter**, “Braa-aa-ains!: The Neuroscience of Zombies” lecture, Women in Science seminar hosted by the CUA School of Arts & Sciences, Alice’s Jazz & Cultural Society, Washington, DC

2016- **Member**, Society of Biological Psychiatry Membership Committee

2016-2018 **Organizer**, “Women in Science” series hosted by CUA School of Arts & Sciences, Alice’s Jazz & Cultural Society

2016 **Department Speaker**, CUA Department of Psychology Odyssey Day program

2016 **Department Speaker**, CUA Department of Psychology Preview Day program

2016 **Guest Speaker**, CUA Honors Program Hitchhiker’s Guide to Culture

2015 **Presenter**, “The Science of Learning and the Learning of Science” lecture, Women in Science seminar hosted by the CUA School of Arts & Sciences, Busboys & Poets, Washington, DC

2015 **Creator & Faculty Advisor**, Neuroscience Interdisciplinary undergraduate minor at CUA

2015- **Faculty Advisor**, CUA Neuroscience Student Club

2015 **Invited Speaker**, NIMH 17th Annual NIMH DIRP Fellows’ Scientific Training Day

2015-2017 **Mentor**, CUA Pathways Program

2015-2016 **Coordinator**, “Women Scientists at CUA” series hosted by the CUA School of Arts & Sciences, Busboys & Poets

2015-2016 **Organizer & Faculty Advisor**, Way of Peace Fellowship Program

2015-2016 **Organizer**, CUA Way of Peace event with Father Laurence Freeman and VTP

2015 **CUA Representative**, NIH Graduate & Professional School Fair

2015 **Panelist**, “Dissertation to Job Market” professionalization roundtable discussion

 Co-hosted by CUA Dean’s Graduate Council and the Center for Academic Success

2015 **Department Speaker**, CUA Department of Psychology Odyssey Day program

2014-2016 **Science Advisor**, “An Exploration of Catholic Theology and Scientific Engagement” project at The Catholic University of America, funded through the American Association for the Advancement of Science (AAAS) “Science for Seminaries” project

2008-2009 **Member**, NIMH Intramural Research Training Program Retreat Committee

2005-2008 **Student Coordinator**, Neuroscience Institute at Stanford fMRI Colloquium Series

Faculty Advisor: Gary Glover, Ph.D., Stanford University School of Medicine, Stanford, CA

### *TEACHING EXPERIENCE*

2014-present **Assistant Professor**, Department of Psychology

 The Catholic University of America, Washington, DC.

 Undergraduate courses: *PSY 304:* *Brain & Behavior; PSY 345: Clinical Neuroscience, PSY 376:* *Cognitive Psychology, PSY 204: Introduction to Biological Psychology*

 Graduate courses: *PSY 709:* *Biological and Cognitive Aspects of Behavior; PSY 755: Affective & Cognitive Neuroscience*

2013-2014 **Visiting Assistant Professor**, Department of Psychology

 The Catholic University of America, Washington, DC.

 Undergraduate courses: *PSY 304:* *Brain & Behavior*: Fall & Spring semesters; *PSY 376:* *Cognitive Psychology*: Fall semester; *PSY 345: Clinical Neuroscience*: Spring semester; *PSY 204: Introduction to Biological Psychology*: Spring semester

 Graduate courses: *PSY 709:* *Biological Foundations of Psychology*: Fall semester; *PSY 755: Affective & Cognitive Neuroscience*: Spring semester

2013 **Keynote Speaker**, Females in Science and Technology (F.I.S.T.) Conference, Montgomery County Public Schools, Montgomery County, MD

2008-2013 **Mentor for Post-Baccalaureate Research Trainees**

 National Institutes of Health, Bethesda, MD

2004-2008 **Head Teaching Assistant**, *The Nervous System (Neurobiology 206)*

Professors: Ben Barres, M.D. (2004) & Tom Clandinin, Ph.D. (2005-2008).

Stanford University School of Medicine, Stanford, CA

2002-2008 **Guest Lecturer**, Regular and honors psychology classes

Gunn High School, Palo Alto, CA

2002-2008 **Brain Day Presenter**,Palo Alto school district, CA

2006-2007 **Teacher**, *Med School 101*

Stanford University School of Medicine, Stanford, CA.

2006 **Invited** **Trainer**, Stanford Faculty Development Center for Medical Teachers

Teaching Videos

Stanford University, Stanford, CA

2004 **Head Teaching Assistant**, *Cognitive Neuroscience (Psychology 202)*

Professor: John Gabrieli, Ph.D.

Stanford University Department of Psychology, Stanford, CA

2003 **Teaching Assistant**, *The Nervous System (Neurobiology 206)*

Professor: Ben Barres, M.D.

Stanford University School of Medicine, Stanford, CA

2003 **Teaching Assistant**, *Cognitive Neuroscience (Psychology 202)*

Professor: John Gabrieli, Ph.D.

Stanford University Department of Psychology, Stanford, CA

1998 **Teaching Assistant,** *Sleep and Dreams (Human Biology)*

Professor: William Dement, M.D.

Stanford University Department of Human Biology, Stanford, CA

### *OTHER RESEARCH EXPERIENCE*

1998-2002 Stanford Psychiatry Neuroimaging Lab

Stanford University Medical Center, Stanford, CA

 2000-2002 **Functional Imaging Senior Research Coordinator**

 1999-2000 **Functional Imaging Research Assistant**

 1998-1999 **Functional Imaging Student Research Assistant**

1998 **Student Assistant**, Department of Neuroscience and Cell Biology

Robert Wood Johnson Medical School, University of Medicine & Dentistry of New Jersey, Piscataway, NJ

1996 **Research Assistant**, Department of Psychology

Stanford University, Stanford, CA