

## Robin Nusslock

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### ACADEMIC EMPLOYMENT

2016-present Associate Professor, Department of Psychology, Northwestern University  
2010-present Assistant Professor, Department of Psychology, Northwestern University  
2009-2010 NIMH Postdoctoral Fellow, Clinical and Translational Affective Neuroscience, Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center

### OTHER ACADEMIC APPOINTMENTS

2024-present Director of Clinical Training, Department of Psychology, Northwestern University  
2023-present Associate Professor, Department of Neurology, Feinberg School of Medicine, Northwestern University (secondary appointment)  
2018-present Faculty Fellow, Institute for Policy Research, Northwestern University  
2016-Present Associate Professor, Medical Social Sciences, Feinberg School of Medicine, Northwestern University (secondary appointment)  
2016-2018 Faculty Associate, Institute for Policy Research, Northwestern University  
2014-present Assistant to Associate Professor, Department of Neurobiology, Northwestern University (secondary appointment)  
2010-present Assistant to Associate Professor, Department of Psychiatry, Feinberg School of Medicine, Northwestern University (secondary appointment)  
2010-present Faculty Affiliate, Interdepartmental Neuroscience Program (NUIN), Northwestern University  
2010-2016 Adjunct Assistant Professor, Department of Psychiatry, University of Pittsburgh School of Medicine

### EDUCATION

2003-2009 Ph.D., Clinical Psychology, University of Wisconsin-Madison  
2008-2009 Clinical Psychology Internship, Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center  
2002-2003 M.S., Clinical Psychology, University of Wisconsin-Madison  
1995-1999 B.A., Psychology, University of Wisconsin-Madison

## HONORS & FELLOWSHIPS

2023	Fellow, Mind & Life Institute
2023	Northwestern University Office of Undergraduate Research Faculty Honor Roll
2019	Northwestern University Associated Student Government Faculty Honor Roll
2017	Fellow, Association for Psychological Science
2016-2018	AT&T Research Chair, Northwestern University
2016	Northwestern University Associated Student Government Faculty Honor Roll
2013	Northwestern University Undergraduate Psychology Association Excellence in Teaching Award
2013	Association for Psychological Science Rising Star Award
2012	Society for Research in Psychopathology 'Face of the Future' Presenter
2011	International Society for Bipolar Disorders Samuel Gershon Junior Investigator Award
2010	NIMH Career Development Institute in Bipolar Disorder Awardee
2009	NIMH Postdoctoral Clinical and Translational Affective Neuroscience Fellowship, University of Pittsburgh Medical Center
2002-2004	NIMH Predoctoral Emotion Research Fellowship, University of Wisconsin
1999	Devereux Foundation Institute of Clinical Training and Research Fellowship

## RESEARCH FUNDING

**Principal Investigator** (with L. Hyde, PI). *Experimental Evidence of the Impact of Parental Income on Child Mental Health and Neuroimmune Function*. National Institute of Mental Health (NIMH) R01 MH139198. Direct Costs: \$3,701,516. 01/01/25 – 12/31/29

**Co-Investigator** (L. Kriegsfeld, L. Wilbrecht, S. Johnson, G. Murray, L. Mason, PIs). *Multimodal Assessment of the Influence of Circadian Disruption on Dopamine and Reward Processing: A Cross-Species Translational Model of Bipolar Disorder*. BD<sup>2</sup> Foundation Discovery Research Grant. Direct Costs: \$4,499,845. 09/01/2024 – 08/31/2027.

**Principal Investigator of Northwestern Subcontract.** (L. Negi, PI). *The Compassion Shift*. The Rob and Melani Walton Foundation. Direct Costs to NU: \$85,000. 6/15/22 – 11/15/23.

**Principal Investigator** *The Brain's Central Executive Network: A Potential Source of Resilience Against Comorbidities of HIV*. Third Coast Center for AIDS Research, Northwestern University Feinberg School of Medicine. Direct Costs: \$50,000. 01/01/22 – 06/30/23.

**Principal Investigator** (with L. Alloy, PI). *Integrated Reward-Circadian Rhythm Model of First Onset of Bipolar Spectrum Disorder in Adolescence*. National Institute of Mental Health (NIMH) R01 MH126911. Direct Costs: \$2,579,899. 09/01/21 – 08/31/26.

**Principal Investigator** *Frontoparietal Central Executive Network, Systemic Inflammation, and Epigenetic Aging Among Young Adults Living With HIV*. Third Coast Center for AIDS Research. Direct Costs: \$5,000. 07/01/21–12/31/21.

**Principal Investigator** (with L. Alloy, PI). *Integrated Reward-Inflammation Model of First Onset of Major Depression in Adolescence*. National Institute of Mental Health (NIMH) R01 MH123473. Direct Costs: \$2,512,707. 04/01/21 – 03/31/26.

**Principal Investigator** of Research Project 1; **Co-Investigator** on Research Project 2. (G. Brody, Center PI). *Neuroscience, Immunology, Social Adversity and the Roots of Addictive Behaviors: Towards a New Framework for Drug Use Etiology and Prevention*. National Institute of Drug Abuse (NIDA) P50 DA051361. Directs Costs: \$9,735,811. 9/1/2020 – 7/31/2025.

**Principal Investigator** *Reward-Related Brain Function and Inflammatory Signaling in Bipolar Disorder*. The Ryan Licht Sang Bipolar Foundation & the Chauncey and Marion D. McCormick Foundation Independent Investigator Grant. Direct costs: \$59,350. 01/01/2019 – 12/31/2022.

**Co-investigator** (V. Mittal, PI). *Neural Habituation in Ultra High-Risk Youth*. National Institute of Mental Health (NIMH). R21 MH110374. Direct Costs: \$449,000. 4/1/2017 – 3/31/2019.

**Principal Investigator** (with M. Craske, R. Zinbarg, S. Bookheimer, MPIs). *Symptom Dimensions of Threat- and Reward-Related Neurocircuitry*. National Institute of Mental Health (NIMH) R01 MH100117. Direct Costs: \$2,234,177. 02/01/2014 – 01/31/2019.

**Co-Investigator** (L. Alloy, PI). *Risk for Bipolar Disorder: Reward-Related Brain Function & Social Rhythms*. National Institute of Mental Health (NIMH) R01 MH077908. Direct Costs: \$2,144,558. 07/05/2013 – 06/30/2019.

**Principal Investigator** *Multi-Modal Investigation of Reward-Related Brain Function and Bipolar Disorder Symptoms*. The Ryan Licht Sang Bipolar Foundation & the Chauncey and Marion D. McCormick Foundation Independent Investigator Grant. Direct costs: \$20,000. 08/01/2014 – 08/31/2017.

**Principal Investigator**. *Reward-Related Brain Activity in Bipolar Disorder and Depression: A Quest for the Test*. The Ryan Licht Sang Bipolar Foundation & the Chauncey and Marion D. McCormick Foundation Young Investigator Grant. Direct costs: \$10,000. Status: Active. 10/01/2013 – 09/30/2014.

### **Mentored Training Grants/Fellowships**

(Pending). **Sponsor**. (E. Butler). *Sex differences in response to threat: Role of the salience network in the development of depression across adolescence*. National Institute of Mental Health (NIMH) F31 MH140552. Direct Costs Requested: \$101,265. Proposed dates: 4/1/2025 – 3/31/2027. (Impact Score = 22; Percentile = 5. We have been informed that this grant will be funded).

**Sponsor**. (K. Seitz, PI). *The Gut-Brain-Axis as a Pathway from Early Life Stress to Emotion Dysregulation*. National Science Foundation (NSF) Graduate Research Fellowship Program. Direct Costs: \$110,000. 2024-2027.

**Consultant.** (H. Westerman, PI). *Childhood Socioeconomic Disadvantage and Antisocial Behavior: Investigating the Role of Reward Processing*. National Institute of Mental Health (NIMH). F31 MH131373. Direct Costs: \$122,704. 05/01/2023-04/30/2026

**Co-Mentor.** (J. Schrock, PI). *Integrated neuroimmune model of problematic substance use and depression in people living with HIV*. National Institute on Drug Abuse (NIDA) K01. Direct Costs: \$885,815. 04/01/2023-03/31/2028.

**Co-Mentor.** (I. Chat, PI). *The Relationship Between Peripheral Inflammation and Reward-Related Brain Function with Anhedonia, Somatic Symptoms and Functional Impairment in Adolescence*. National Institute of Mental Health (NIMH) F31 MH132230. Direct Costs: \$66,475. 9/16/2022 – 9/15/2024.

**Sponsor.** (E. Butler, PI). *Delineating Neuroimmune Mechanisms of Emotion Dysregulation in Maltreated Youth*. National Science Foundation (NSF) Graduate Research Fellowship Program. Direct Costs: \$105,890. 2022-2025.

**Sponsor** (E. Boland, PI). *The Role of Effort Discounting in the Link between Insomnia and Depression*. Career Development Award; Veterans Health Administration, Office of Research Development E. Boland (PI). Direct Costs: \$909,360. 7/1/2017-6/30/2022.

**Sponsor.** (J. Glazer, PI). *Relationship between reward-related neural activation and delay-discounting tendencies*. National Science Foundation (NSF) Graduate Research Fellowship Program. Direct Costs: \$90,000. 2016-2018.

**Sponsor** (C. Young, PI). *Examining Structural Neuroplasticity in Human Brain White Matter*. National Science Foundation (NSF) Graduate Research Opportunities Worldwide (GROW) Grant. Direct Costs: \$24,000. 2014-2015.

**Sponsor** (C. Young, PI). *Happy to Win: The Effect of Positive Mood Induction on the Temporal Neural Processes of Reward-Based Learning*. National Science Foundation (NSF) Graduate Research Fellowship Program. C. Young (PI). Direct Costs: \$90,000. 2012-2015.

## JOURNAL ARTICLES

\* = student/trainee author

h-index = 44, Citations = 8,300; Total publications = 130 (123 journal articles and 7 chapters/entries)

123. Chiang, J.J., Lam, H.P., \*Cichocki, A., Jenkins, L.M., Wang, L., **Nusslock, R.**, & Miller, G. (in press). Socioeconomic status, prefrontal cortical volume, and cardiometabolic risk in early adolescence. *Health Psychology*.
122. Adogli, Z.V., \*Chat, I.K.Y., Gepty, A.A., \*Carroll, A.L., \*Damme, K.S.F., Flaig, C., **Nusslock, R.**, & Alloy, L.B. (in press). Residence in communities with high violent crime associated with lower reward-related brain function. *Biopsychosocial Science and Medicine*.
121. **Nusslock, R.**, Mittal, V.A., & Alloy, L.B. (in press). Reward processing in mood disorders and schizophrenia: A neurodevelopmental framework. *Annual Review of Clinical Psychology*.

120. Alloy, L.B., & **Nusslock, R.** (in press). An integrated immuno-reward model of adolescent depression: Theory, evidence, and implications. *Current Directions in Psychological Science*.
119. Ibonie, S.G., Young, G., Ploe, M.L., Mauss, I.B., Alloy, L., Bavel, J.V., Borelli, J.L., Bullock, B., Holley, S.R., Jopling, E., Kamble, S., LeMoult, J., Mason, L., Moriarty, D., **Nusslock, R.**, Okuma, A., Rutledge, R.B., Strauss, G., Villanueva, C.M., & Gruber, J. (in press). Bipolar spectrum risk and social network dimensions in emerging adults: Two social sides?. *Journal of Clinical and Social Psychology*.
118. Walsh, R.F.L., Maddox, M. A., Smith, L. T., Olino, T., Zee, P., **Nusslock, R.**, & Alloy, L. B. (in press). Sleep regularity in adolescents: Associations with sleep parameters and prospectively occurring substance use and depression. *Journal of Sleep Research*.
117. Leve, L.D., Kanamori, M., Humphreys, K.L., Jaffee, S.R., **Nusslock, R.**, Oro, V., & Hyde, L.W. (2024). The Promise and Challenges of Integrating Biological and Prevention Sciences: A Community-Engaged Model for the Next Generation of Translational Research. *Prevention Science*, 25, 1177-1199.
116. Zinbarg, R.E., Kramer, A.M., \*Kelley, N.J., Williams, A.L., Schmidt, M., \*Chat, I.K.Y., Young, K.S., Kleijmem, B.J., **Nusslock, R.**, & Craske, M.G. (in press). Beyond mono-method symptom assessment: Multi-method extension of the tri-level model anxiety and depression. *Clinical Psychological Science*.
115. Yarrington, J.S., Metts, A.V., Wang, S., Cullen, B., Ruiz, J., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (in press). Everyday discrimination and trajectories of transdiagnostic symptoms of depression and anxiety among young adults during the COVID-19 pandemic. *Stigma and Health*.
114. Wen, A., Zbozinek, T.D., Ruiz, J., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (2024). Heart Rate Variability as a Biomarker for Transdiagnostic Depressive and Anxiety Symptom Trajectory in Adolescents and Young Adults. *Journal of Psychopathology and Clinical Science*, 133, 638-646.
113. Cushing, C.A., Peng, Y., \*Anderson, Z., Young, K.S., Bookheimer, S.Y., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (2024). Broadening the scope: Multiple functional connectivity networks underlying threat conditioning and extinction. *Imaging Neuroscience*, 2, 1-15.
112. Smith, L.T., Bishop, O.C., **Nusslock, R.**, & Alloy, L.B. (2024). The path from mood symptoms to substance use: A longitudinal examination in individuals at risk for bipolar spectrum disorders. *Journal of Affective Disorders*, 360, 33-41.
111. Rosenberg, B.M., Young, K.S., **Nusslock, R.**, Zinbarg, R.E., & Craske, M.G. (2024). Anhedonia is associated with overgeneralization of conditioned fear during late adolescence and early adulthood. *Journal of Anxiety Disorders*, 105, 102880.
110. **Nusslock, R.**, Kogan, S.M., Yu, T., Armstrong, C.C., Chen, E., Miller, G.E., Brody, G.H., & Sweet, L.H. (2024). Higher substance use is associated with low executive control neural activity and higher inflammation. *Brain, Behavior, and Immunity*, 120, 532-542.

109. Westerman, H.B., Suarez, G.L., Burt, S.A., Richmond-Rakerd, L.S., **Nusslock, R.**, Klump, K.L., & Hyde, L.W. (2024). Exposure to community violence as a mechanism linking neighborhood socioeconomic disadvantage and neural responses to reward. *Social Cognitive and Affective Neuroscience*, 19, nsae029.
108. Metts, A., Zinbarg, R. E., **Nusslock, R.**, Tabak, B. A., & Craske, M. G. (2024). Longitudinal associations among adult attachment orientations, emotion regulation tendencies, and transdiagnostic anxiety and depression symptoms in young adults. *Journal of Social and Personal Relationships*, 41, 1457-1480.
107. \*Butler, E.R., Samia, N., White, S., Gratton, C., & **Nusslock, R.** (2024). Neuroimmune mechanisms connecting violence with internalizing symptoms: A high-dimensional multi-modal mediation analysis. *Human Brain Mapping*, 45, e26615.
106. **Nusslock, R.**, Alloy, L.B., Brody, G.H., & Miller, G.E. (2024). Neuroimmune network model of depression: A developmental perspective. *Journal of Child Psychology and Psychiatry*, 65, 538-567.
105. Schiller, D., Alessandra, N.C., Alia-Klein, N., Becker, S., Cromwell, H.C., Dolcos, F., Eslinger, P.J., Frewen, P., Kemp, A.H., Pace-Schott, E.F., Raber, J., Siltan, R.L., Stefanova, E., Williams, J.H.G., Abe, N., Abhajani, M., Albrecht, F., Silke, A., Aragon, O.R., Arias, J.A., Arzy, S., ... **Nusslock, R.**, Okon-Singer, H., Olino, T.M., Ortner, C., Owolabi, M., S., Peltonen, K., Penninx, B.W.J.H., Pietrini, P., Pinna, G., Lobo, R.P., Polnaszek, K.L., Polyakova, M., Rabinak, C., Richter, S.H., Richter, T., Riva, G., ... Soreq, H. (2024). The human affectome. *Neuroscience & Biobehavioral Reviews*, 158, 105450.
104. \*Cichocki, A.C., Zinbarg, R.E., Craske, M.G., \*Chat, I. K-Y., Young, K.S., Bookheimer, S.Y., & **Nusslock, R.** (2024). Transdiagnostic symptoms of depression and anxiety Associated with reduced gray matter volume in prefrontal cortex. *Psychiatry Research: Neuroimaging*, 339, 111791.
103. Miller, G.E., \*Carroll, A.L., \*Armstrong, C.C., Craske, M.G., Zinbarg, R.E., Bookheimer, S.Y., \*Chat, I.K.Y., Vinograd, M., Young, K.S., & **Nusslock, R.** (2024). Major stress in early childhood strengthens the association between peripheral inflammatory activity and corticostriatal responsivity to reward. *Brain, Behavior, and Immunity*, 117, 215-223.
102. Haggarty, C.J., \*Glazer, J., **Nusslock, R.**, Lee, R., & de Wit, H. (2024). Lack of effect of methamphetamine on reward-related brain activity in healthy adults. *Psychopharmacology*, 241, 181-193.
101. Osborne, K.J., Zhang, W., Gupta, T., Farrens, J., Geiger, M., Kraus, B., Krugel, C., **Nusslock, R.**, Kappenman, E.S., & Mittal, V.A. (2023). Clinical high-risk for psychosis syndrome is associated with reduced neural responding to unpleasant images. *Journal of Psychopathology and Clinical Science*, 132, 1060-1071.
100. Porter A., Fei, S., \*Damme, K.S.F., **Nusslock, R.**, Gratton, C., & Mittal, V.A. (2023). A meta-analysis of single vs. multimodal neuroimaging techniques in detecting biomarkers linked to psychosis. *Molecular Psychiatry*, 28, 3278-3292.

99. Alloy, L.B., Walsh, R.F.L., Smith, L.T., Maddox, M.A., Olino, T.M., Zee, P.C., & **Nusslock, R.** (2023). Circadian, reward, and emotion systems in teens prospective longitudinal study: Protocol overview of an integrative reward-circadian rhythm model of first onset of bipolar spectrum disorder in adolescence. *BMC Psychiatry*, 23, 602.
98. Kraus, B., Zinbarg, R., Braga, R. M., **Nusslock, R.**, Mittal, V. A., & Gratton, C. (2023). Insights from personalized models of brain and behavior for identifying biomarkers in psychiatry. *Neuroscience & Biobehavioral Reviews*, 152, 105259.
97. Alloy, L. B., \*Chat, I. K. Y., Grehl, M. M., Stephenson, A. R., Adogli, Z. V., Olino, T. M., Ellman, L.M., Miller, G.E., & **Nusslock, R.** (2023). Reward and Immune Systems in Emotion (RISE) prospective longitudinal study: Protocol overview of an integrative reward-inflammation model of first onset of major depression in adolescence. *Brain, Behavior, & Immunity-Health*, 30, 100643.
96. Zinbarg, R.E., Schmidt, M., \*Feinstein, B., Williams, A., Murillo, A., Echiverri-Cohen, A.M., Enders, C., Craske, M.G., & **Nusslock, R.** (2023). Personality predicts pre-COVID-19 to COVID-19 trajectories of transdiagnostic anxiety and depression symptoms. *Journal of Psychopathology and Clinical Science*, 132, 645-656.
95. Yarrington, J., Metts, A., Zinbarg, R.E., **Nusslock, R.**, Wolitzky-Taylor, K., Hammen, C., \*Kelley, N.J., Bookheimer, S.Y., & Craske, M.G. (2023). The role of positive and negative aspects of life events in depressive and anxiety symptoms. *Clinical Psychological Science*, 11, 910-920.
94. \*Schrock, J.M., **Nusslock, R.**, McDade, T.W., & Mustanski, B. (2023). Trauma history predicts decoupling of C-reactive protein and somatic symptoms. *Psychosomatic Medicine*, 85, 397-407.
93. Craske, M.G., Herzallah, M.M., **Nusslock, R.**, & Patel, V. (2023). From neural circuits to communities: An integrative multidisciplinary roadmap for global mental health. *Nature Mental Health*, 1, 12-24.
92. Rosenberg, B.M., Taschereau-Dumouchel, V., Lau, H., Young, K.S., **Nusslock, R.**, Zinbarg, R.E., & Craske, M.G. (2023). A multivoxel pattern analysis of anhedonia during fear extinction: implications for safety learning. *Biological Psychiatry, Cognitive Neuroscience and Neuroimaging*, 8, 417-425.
91. \*Anderson, Z., \*Damme, K.S.F., \*Carroll, A.L., \*Chat, I.K., Young, K.S., Craske, M.G., Bookheimer, S.Y., Zinbarg, R.E., & **Nusslock, R.** (2023). Association between reward-related brain functional connectivity and tri-level mood and anxiety symptoms. *Neuroimage: Clinical*, 37, 10335.
90. \*Glazer, J.E., Murray, C.H., **Nusslock, R.**, Lee, R., & de Wit, H. (2023). Low doses of lysergic acid diethylamide (LSD) increase reward-related brain activity. *Neuropsychopharmacology*, 48, 418-426.
89. \*Carroll, A.L., \*Damme, K.S.F., Alloy, L.B., Bart, C.P., Ng, T.H., Titone, M.K., Chein, J., \*Cichocki, A.C., \*Armstrong, C.C., & **Nusslock, R.** (2022). Risk for bipolar spectrum disorders associated with positive urgency and orbitofrontal cortical grey matter volume. *Neuroimage: Clinical*, 36, 103225.

88. Peng, Y., Knotts, J.D., Young, K.S., Bookheimer, S.Y., **Nusslock, R.**, Zinbarg, R.E., \*Kelley, N.J., Echiverri-Cohen, A.M., & Craske, M.G. (2022). Threat neurocircuitry predicts the Development of anxiety and depression symptoms in a longitudinal study. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 8, 102-110.
87. Murray, C.H., \*Glazer, J.E., Lee, R., **Nusslock, R.**, & de Witt, H. (2022).  $\Delta$ 9-THC reduces reward-related brain activity in healthy adults. *Psychopharmacology* 239, 2829-2840.
86. **Nusslock, R.**, & Farah, M.J. (2022). The affective neuroscience of poverty. *Journal of Cognitive Neuroscience*, 34, 1806-1809.
85. Dang, N., Khalil, D., Sun, J., Naveed, A., Sourmare, F., **Nusslock, R.**, & Hamidovic, A. (2022). Behavioral symptomatology in the premenstrum. *Brain Sciences*, 12, 814.
84. White, S.F., **Nusslock, R.**, & Miller, G.E. (2022). Low socioeconomic status is associated with greater neural responses to both rewards and losses. *Journal of Cognitive Neuroscience*, 34, 1939-1951.
83. Young, K.S., Ward, C., Vinograd, M., Chen, K., Bookheimer, S.Y., **Nusslock, R.**, Zinbarg, R.E., & Craske, M.G. (2022). Individual differences in threat and reward neural circuitry activation: Testing dimensional models of early adversity, anxiety and depression. *European Journal of Neuroscience*, 55, 2739-2753.
82. \*Chat, I.K., Dunning, E.E., Bart, C.P., Grehl, M.M., \*Damme, K.S.F., \*Carroll, A.L., Abramson, L.Y., **Nusslock, R.**, & Alloy, L.B. (2022). The interplay between reward-relevant life events and trait reward sensitivity in neural responses to reward cues. *Clinical Psychological Science*, 10, 869-884.
81. McCarthy, M.J., Gottlieb, J.F., Gonzalez, R., McClung, C.A., Alloy, L.B., Cain, S., Dulcis, D., Etain, B., Frey, B.N., Garbaza, C., Ketchesin, K.D., Landgraf, D., Lee, H., Marie-Claire, C., **Nusslock, R.**, Porcu, A., Porter, R., Ritter, P., Scott, J., & Smith, D. (2022). Neurobiological and behavioral mechanisms of circadian disruption in bipolar disorder: A critical multi-disciplinary literature review and agenda for future research from the ISBD task force on chronobiology. *Bipolar Disorders*, 24, 232-263.
80. **Nusslock, R.**, Gerardo, N.M., Mascaro, J.S., Shreckengost, J., Balgopal, M.M. (2022). Integrating authentic research into the Emory-Tibet Science Initiative. *Frontiers in Communication*, 7, 767547.
79. Eisen, A., Zivot, J., **Nusslock, R.**, Balgopal, M.M., Hue, G., & Negi, L.T. (2022). The Emory-Tibet Science Initiative, a novel journey in cross-cultural science education. *Frontiers in Communication*, 7, 113-124.
78. Metts, A.V., Arnoudova, I., Staples-Bradley-L., Sun, M., Zinbarg, R.E., **Nusslock, R.**, Wassum, K.M., & Craske, M.G. (2022). Disruption in Pavlovian-instrumental transfer as a function of depression and anxiety. *Journal of Psychopathology and Behavioral Assessment*, 44, 481-495.



77. Osborne, K.J., Zhang, W., Geiger, M., Farrens, J., Kraus, B., \*Glazer, J., **Nusslock, R.**, Kappenman, E.S., & Mittal, V.A. (2022). Neural mechanisms of motor dysfunction in individuals at clinical high risk for psychosis: Evidence for impairments in motor activation. *Journal of Psychopathology and Clinical Science*, 131, 375-391.
76. \*Damme, K.S.F., Alloy, L.B., \*Kelley, N.J., \*Carroll, A., \*Young, C.B., Chein, J., Ng, T.H., Titone, M.K., Bart, C.P., & **Nusslock, R.** (2022). Bipolar spectrum disorders are associated with increased gray matter volume in the medial orbitofrontal cortex and nucleus accumbens. *Journal of Child Psychology and Psychiatry*, 2, e12068.
75. \*Boland, E.M., \*Kelley, N.J., \*Chat, I.K., Zinbarg, R.E., Craske, M.G., & **Nusslock, R.** (2022). Poor sleep quality is significantly associated with effort but not temporal discounting of monetary rewards. *Motivation Science*, 8, 70-76.
74. \*Glazer, J.E., & **Nusslock, R.** (2022). Outcome valence and stimulus frequency affect neural responses to rewards and punishments. *Psychophysiology*, 59, e13981.
73. \*Bart, C., **Nusslock, R.**, Ng, T.H., Titone, M.K., \*Carroll, A.L., \*Damme, K.S.F., \*Young, C.B., \*Armstrong, C.C., Chein, J., & Alloy, L.B. (2021). Decreased reward- related brain function prospectively predicts increased substance use. *Journal of Abnormal Psychology*, 130, 886-898.
72. **Nusslock, R.**, Balgopal, M.M., Hue, G., Zivot, J., Negi, L.T., & Eisen, A. (2021). The Emory-Tibet Science Initiative: A historic collaboration between modern science and Tibetan Buddhism. *Frontiers in Communication*, 6, 765368.
71. \*Bart, C.P., Titone, M.K., Ng, T.H., **Nusslock, R.**, & Alloy, L.B. (2021). Neural reward circuit dysfunction as a risk for bipolar spectrum disorders and substance use disorders: A review and integration. *Clinical Psychology Review*, 87, 102035.
70. Miller, G.E., Chen, E., Finegood, E., Lam, P., Weissman-Tsukamoto, R., Leigh, A.K.K., Hoffer, L., \*Carroll, A.L., Brody, G.H., Parrish, T.B., & **Nusslock, R.** (2021). Resting-state functional connectivity of the central executive network moderates the relationship between neighborhood violence and pro-inflammatory phenotype in children. *Biological Psychiatry*, 90, 165-172.
69. \*Anderson, Z., Gratton, C., & **Nusslock, R.** (2021). The value of hyperalignment to unpack neural heterogeneity in the precision psychiatry movement. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 6, 935-936.
68. Young, K.S., Bookheimer, S.Y., **Nusslock, R.**, Zinbarg, R.E., \*Damme, K.S.F., \*Chat, I.K., \*Kelley, N.J., Vinograd, M., Perez, M., Chen, K., Echiverri Cohen, A., & Craske, M.G. (2021). Dysregulation of threat neurocircuitry during fear extinction: The role of anhedonia. *Neuropsychopharmacology*, 46, 1650-1657.
67. Miller, G.E., White, S.F., Chen, E., & **Nusslock, R.** (2021). Association of inflammatory activity with larger neural responses to threat and reward among children living in poverty. *American Journal of Psychiatry*, 178, 313-320.

66. \*Chat, I.K., **Nusslock, R.**, Moriarity, D.P., Bart, C.P., Mac Giollanhuil, N., \*Damme, K.S.F., \*Carroll, A.L., Miller, G.E., & Alloy, L.B. (2021). Goal-striving tendencies moderate the relationship between reward-related brain function and peripheral inflammation. *Brain, Behavior, and Immunity*, 94, 60-70.
65. Alexander, R., Aragon, O., Bookwala, J., Cherbuin, N., Gatt, J.M. Kahrilas, I.J., Kastener, N., Lawrence, A., Lowe, L., Morrison, R.G., Mueller, S.C., **Nusslock, R.**, Papadelis, C., Polnaszek, K.L., Richter, S.H., Siltan, R.L., & Styliadis, C. (2021). The neuroscience of positive emotions and affect: Implications for cultivating happiness and wellbeing. *Neuroscience and Biobehavioral Reviews*, 121, 22-249.
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## BOOK CHAPTERS AND ENTRIES

7. Gruber, J., Cosgrove, V., Dodd, A., Dutra, S. J., Hinshaw, S. P., Ibonie, S. G., Kahawage, P., Meyer, T. D., Murray, G., **Nusslock, R.**, Stanton, K., Villanueva, C. M., & Youngstrom, E. A. (2023). Mania and bipolar spectrum disorders. In B. Krueger & P. Blaney (Eds.), *Oxford Textbook of Psychopathology*. (4<sup>th</sup> ed., pp. 228-256). Oxford University Press.
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## EDITED BOOKS AND SPECIAL JOURNAL ISSUES

2. Alloy, L.B., & **Nusslock, R.** (Eds.) (forthcoming). *Adolescent Bipolar Disorder: Mechanisms and treatment*. Berlin, GER: Springer Nature.
1. **Nusslock, R.**, & Farah, M.J. (Eds.) (2022). The affective neuroscience of poverty [Special Issue]. *Journal of Cognitive Neuroscience*.

## JOURNAL ARTICLES UNDER REVIEW / REVISION

10. \*Butler, E.R., Samia, N., White, S., Gratton, C., & **Nusslock, R.** (in preparation). *Sex differences in response to violence: Role of salience network connectivity and expansion on depression*.
9. **Nusslock, R.**, Zinbarg, R.E., Young, K.S., \*Carroll, A.L., \*Anderson, Z., \*Damme, K.S.F., \*Chat, I.K.-Y., Bookheimer, S.Y., & Craske, M.G. (submitted). *The relationship between threat and reward-related brain activity and tri-level symptoms of depression and anxiety*.
8. Sanders, A.F.P, Porter, A., \*Anderson, Z., \*Cichocki, A.C., **Nusslock, R.**, & Miller, G.E. (submitted). *The relationship between socioeconomic status and white matter structural connectivity in adolescents*.
7. \*Adogli, Z.V., \*Chat, I.K.-Y., Gepty, A.A., \*Carroll, A.L., \*Damme, K.S.F., Flaig, C., **Nusslock, R.**, & Alloy, L.B. (submitted). *Exposure to community violent crime associated with lower reward-related brain function*.
6. Rosa, L., Young, G., Ibonie, S.G., LeMoult, J., Mauss, I.B., Alloy, L.B., Borelli, J.L., Holley, S.R., Jopling, E., van Bavel, J.J., Moriarity, D.P., **Nusslock, R.**, Strauss, G.P., Villanueva, C.M., Bidwell, L.C., & Gruber, J. (submitted). *The highs and lows: Cannabis use and bipolar spectrum disorders in a large sample of emerging adults*.
5. Kogan, S.M., Anderson, T., Yu, T., Ahn, S.J., **Nusslock, R.**, Fisher, S., & Beach, S.R.H. (submitted). *A randomized, controlled pilot trial of a telehealth version of the Strong African American Families program*.
4. Chiang, J., Lam, P., \*Cichocki, A.C., \*Carroll, A. L., \*Armstrong, C., Jenkins, L., Wang, L., **Nusslock, R.**, & Miller, G. (submitted). *Socioeconomic status, prefrontal cortical volume, and cardiometabolic risk in early adolescence*.



- 3 \*Glazer, J., Molla, H., Lee, R., **Nusslock, R.**, & de Wit, H. (submitted). *Reward-related neural activity after low doses of LSD in participants with depressed mood.*
2. Chu, K.A., Metts, A.V., Zinbarg, R.E., **Nusslock, R.**, Du, H., Craske, M.G. (submitted). *Stress Resilience: A dynamic predictor of social independence.*
1. Yarrington, J., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (submitted). *Affect and emotion regulation: Possible mechanisms in the relationship between life events and transdiagnostic symptoms of depression and anxiety.*

## CHAired SYMPOSIA AT SCIENTIFIC MEETINGS

6. Treadway, M.T., & **Nusslock, R.** (December 2019). *Neuroimmune signaling in mental and physical health: Mechanisms and interventions.* Symposium presented at the 58th annual meeting of the American College of Neuropsychopharmacology, Orlando, FL.
5. **Nusslock, R.** (September 2018). *Neuroimmune signaling in the pathophysiology of mental and physical illness.* Symposium presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
4. Phillips, M.L. & **Nusslock, R.** (November 2017). *Disentangling the emotionally dysregulated brain: Novel insights into neural mechanisms of mood disorder vulnerability to provide targets for new therapeutic interventions.* Symposium presented at the 56<sup>th</sup> annual meeting of the American College of Neuropsychopharmacology, Palm Springs, CA.
3. **Nusslock, R.** (September 2011). *Abnormalities in reward-related brain function in psychopathology: A Research Domain Criteria (RDoC) perspective.* Symposium presented at the 25<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Boston, MA.
2. Alloy, L.B. & **Nusslock, R.** (November 2008). *Behavioral approach system (BAS) dysregulation and bipolar spectrum disorders.* Symposium presented at the 42<sup>nd</sup> Annual Association for Behavioral and Cognitive Therapies Convention, Orlando, FL.
1. **Nusslock, R.** (October 2007). *Issues in frontal EEG asymmetry as a marker of risk for psychopathology.* Symposium presented at the 47<sup>th</sup> Annual Society for Psychophysiology Research Convention, Savannah, GA.

## PRESENTATIONS AT SCIENTIFIC MEETINGS

\* = student/trainee author

239. Stephenson, A.R., \*Chat, I.K.Y., Patterway, F., Martin, G., **Nusslock, R.**, & Alloy, L.B. (November 2025). *Low reward sensitivity and maladaptive cognitive styles jointly predict depressive symptom severity among community adolescents.* Poster submitted for presentation at the 59<sup>th</sup> annual convention of the Association for Behavioral and Cognitive Therapies, New Orleans, LA.
238. Bishop, O.C., Smith, L.T., **Nusslock, R.**, & Alloy, L.B. (2025 November). *Low reward sensitivity and high punishment sensitivity interact to predict first lifetime onset of major depressive episode among adolescents.* Poster submitted to the 59<sup>th</sup> annual meeting of the Association of Cognitive and Behavioral Therapies, New Orleans, LA.

237. Millman, Z., **Nusslock, R.**, Weinberg, A., Olino, T., & Shah, J. (September 2025). *Advancing transdiagnostic research in risk for serious mental illness: Methodological challenges, conceptual nuances, and promising opportunities for a more unified framework*. Workshop presented at the 38<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Los Angeles, CA.
236. Wang, S., \*Chat, I.K.Y., Smith, L.T., Adogli, Z.V., \*Kougan, N.C., Rathi, A., Santosh, E., **Nusslock, R.**, & Alloy, L.B. (September 2025). *Reward sensitivity shapes neural responses to loss: The role of reward-deactivating life events*. Poster submitted for presentation at the 38<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Los Angeles, CA.
235. Yu, J.S., Ibonie, S.G., Young, G., Jopling, E., Mauss, I.B., Alloy, L.B., Borelli, J.L., Holley, S.R., Kamble, S., LeMoult, J., Mason, L., Moriarity, D.P., **Nusslock, R.**, Okuma, A., Rutledge, R., Strauss, G., Villaneuva, C.M., Johnson, S.L., & Gruber, J. (September 2025). *Associations between emotion-relevant impulsivity and suicidal thoughts and behaviors among emerging adults at risk for bipolar disorder*. Poster submitted for presentation at the 38<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Los Angeles, CA.
234. \*Chat, I.K.Y., Kouga\*chan, N., Anderson, Z., Ellman, L.M., Olino, T.M., Miller, G.E., **Nusslock, R.**, & Alloy, L.B. (June 2025). *Peripheral inflammation and reward-related corticostriatal functional connectivity: Interactive roles in components of anhedonia during adolescence*. Paper to be presented at the 31<sup>st</sup> annual meeting of the Psychoneuroimmunology Research Society, Bordeaux, France.
233. \*Chat, I.K.-Y., Kougan, N., Anderson, Z., Ellman, L.M., Olino, T.M., Miller, G.E., **Nusslock, R.**, & Alloy, L.B. (April 2025). *Peripheral inflammation and reward-related corticostriatal functional connectivity: Interactive roles in components of anhedonia during adolescence*. Paper presented at the 79<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Toronto, Canada.
232. \*Kraus, B., Lauman, T.O., Anderson, Z., Zinbarg, R.E., **Nusslock, R.**, Craske, M.G., & Gratton, C. (April 2025). *Beyond Reliability: The impact of group-derived atlases on neuroimaging measurement validity*. Symposium submitted for presentation at the 79<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Toronto, Canada.
231. \*Kraus, B., Ristanovic, I., Anderson, Z., Zinbarg, R., Mittal, V. A., **Nusslock, R.**, Craske, M., Laumann, T. O., & Gratton, C. (April 2025). *fMRI and Self-report Measures Differ in Their Identifiability*. Talk presented at the 79<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Toronto, Canada.
230. Wang, K., de Wit, H., Glazer, J., **Nusslock, R.**, Murray, C., Molla, H., & Lee, R. (April 2025). *Electrophysiological measures of error processing following low-dose LSD administration*. Poster presented at the annual Wisconsin Symposium on Emotion, Madison, WI.
229. \*Chat, I.K-Y, \*Kougan, N., \*Anderson, Z., Ellman, L.M., Olino, T.M, Miller, G.E., **Nusslock, R.**, & Alloy, L.B. (March 2025). *Heightened inflammation strengthens the association between reward-related functional connectivity and anhedonia in adolescents*. Symposium presented at the 82<sup>nd</sup> annual convention of the Society for Biophysical Science and Medicine, Seattle, WA.

228. Kriegsfeld, L.J., **Nusslock, R.**, Johnson, S.L., Wilbrecht, L., Murray, G., Mason, L., Lin, W.C., Tai, L.H., Orr, C., & Gaard, L.B. (March 2025). *Multimodal assessment of the influence of circadian disruption on dopamine and reward processing: A cross-species translational model of bipolar disorder*. Poster presented at the BD<sup>2</sup> Funded Investigator meeting, Cancun, Mexico.
227. Ren, Y., Murray, G., Johnson, S.L., **Nusslock, R.**, & Mason, L. (March 2025). *Are there diurnal variations in anticipatory reward? Examining effects of time of day and vulnerability to bipolar disorder in the IMAGEN adolescent cohort*. Poster presented at the BD<sup>2</sup> Funded Investigator meeting, Cancun, Mexico.
226. \*Petterway, F., \*Chat, I.K-Y., Adogli, Z.V., Stephenson, A.R., Olino, T.M., Ellman, L.M., Miller, G.E., **Nusslock, R.**, & Alloy, L.B. (November 2024). *Childhood adversity and peripheral Inflammation interact to predict orbitofrontal cortex response to reward among adolescents at risk for major depression*. Poster presented at the 58<sup>th</sup> annual convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
225. Baresich, K., Smith, L., Maddox, M., **Nusslock, R.**, & Alloy, L.B. (November 2024). *Sex and developmental effects on depressive and hypomanic symptoms in adolescents at risk for developing bipolar spectrum disorders*. Poster presented at the 58<sup>th</sup> annual convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
224. Maddox, M.A., Walsh, R.F., Zee, P., **Nusslock, R.**, & Alloy, L.B. (November 2024). *Reward sensitivity, circadian rhythms, and pubertal development*. Poster presented at the 58<sup>th</sup> annual convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
223. Null, K. E., Eun, C. J., Zinbarg, R. E., **Nusslock, R.**, & Craske, M. G. (November 2024). *Reciprocal effects of interpersonal life stress and tri-level symptoms of depression and anxiety: A random intercept cross-lagged panel analysis*. Poster presented at the 58<sup>th</sup> annual convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
222. Walsh, R. F. L., Maddox, M. A., Smith, L. T., Martin, G., Zee, P., **Nusslock, R.**, & Alloy, L.B. (November 2024). *Sleep regularity in adolescents: Associations with actigraphy-based sleep indices and prospective substance use and depression*. Poster presented at the 58<sup>th</sup> annual convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
221. Zweben, D., Chaturvedi, N., Adogli, Z., Chein, J., \*Kougan, N., \*Anderson, Z., **Nusslock, R.**, & Alloy, L.B. (November 2024). *The relationship between reward processing, depression symptoms, and social media use in adolescents*. Poster presented at the 58<sup>th</sup> annual convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
220. Smith, L., Grehl, M., Anderson, Z., Carroll, A.L., Kougan, N., Olino, T.M., **Nusslock, R.**, & Alloy, L.B. (October 2024). *Reward-deactivating events predicts depressive symptoms in adolescents at risk for bipolar disorder: Examining the moderating effects of neural reward sensitivity*. Poster presented at the 37<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Montreal, CA.
219. \*Kraus, B., Porter, A., Ristanovic, I., \*Anderson, Z., \*Damme, K.S.F., Zinbarg, R.E., Mittal, V.A., **Nusslock, R.**, Craske, M.G., & Gratton, C. (October 2024). *The low identifiability of psychopathology measures hinders clinical neuroscience research*. Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

218. \*Seitz, K.R., Beach, S.R.H., Kogan, S.M., Miller, G.E., Chen E., Erlich, K., Yu, T., Brody, G.H., & **Nusslock, R.** (October 2024). *Parental warmth as a protective factor between early life stress and resting state functional connectivity*. Poster presented at the 37<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Montreal, CA.
217. Rosa, L., Young, G., Ibonie, S.G., LeMoult, J., Mauss, I.B., Alloy, L.B., Borelli, J.L., Holley, S.R., Jopling, E., Moriarity, D.P., **Nusslock, R.**, Strauss, G., Villanueva, C.M., Reddan, M.C., Wager, T.D., Zaki, J., Weinstock, L.M., Bidwell, L.C., & Gruber, J. (October 2024). *The highs and lows: Cannabis use and bipolar spectrum disorders in high-risk and clinically diagnosed samples*. Poster presented at the 37<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Montreal, CA.
216. \*Seitz, K., Carroll, A.L., Bart, C.P., Ng, T.H., Titone, M.K., Chein, J., Alloy, L.B., & **Nusslock, R.** (September, 2024). *Decreased reward network connectivity among individuals at risk and with bipolar spectrum disorders*. Poster presented at the annual meeting of Flux: The Society for Developmental Cognitive Neuroscience, Baltimore, MA.
215. Rosa, L., Young, G., Ibonie, S.G., LeMoult, J., Mauss, I.B., Alloy, L.B., Borelli, J.L., Holley, S.R., Jopling, E., Moriarity, D.P., **Nusslock, R.**, Strauss, G., Villanueva, C.M., Bidwell, L.C., & Gruber, J. (July 2024). *The highs and lows: Cannabis use and bipolar spectrum disorders in a large sample of emerging adults*. Poster presented at the annual meeting of the Research Society in Marijuana, Toronto, Ontario, CA.
214. Jopling, E., Jameson, T., Ibonie, S.G., Young, G., Mauss, I.B., Alloy, L.B., Borelli, J.L., Holley, S.R., Kamble, S., Mason, L., Moriarity, D.P., **Nusslock, R.**, Okuma, A., Rutledge, R.B., Strauss, G.P., van Bavel, J.J., Villanueva, C.M., Gruber, J., & LeMoult, J. (July 2024). *Understanding resilience in emerging adults: An international multi-site study*. Poster presented at the 8<sup>th</sup> annual meeting of the Research Society of Marijuana, Toronto, CA.
213. \*Kraus, B., Zinbarg, R.E., **Nusslock, R.**, & Gratton, C. (June 2024). *Longitudinal stability of individual differences in functional connectivity in psychopathology*. Poster presented at the 29<sup>th</sup> annual meeting of the Organization for Human Brain Mapping, Seoul, Korea.
212. \*Chat, I.K., Lam, P.H., Stephenson, A.R., Pike, M.R., **Nusslock, R.**, & Alloy, L.B. (May 2024). *Inflammation and reward processing: A meta-analysis*. Paper presented at the 30<sup>th</sup> annual meeting of the Psychoneuroimmunology Research Society, Halifax, Nova Scotia, Canada.
211. \*Boland, E.M., Larson, O., \*Kelley, N.J., **Nusslock, R.**, Thase, M.E., Sayers, S., Convery, J., Wolf, D., & Gehrman, P.R. (June 2024). *Differential associations of sleep disturbance and depression with effort-based decision making and delay discounting in a veteran sample*. Poster presented at the 38<sup>th</sup> annual meeting of the Associated Professional Sleep Societies, Houston, TX.
210. \*Chat, I.K., Lam, P.H., Stephenson, A.R., Pike, M.R., **Nusslock, R.**, & Alloy, L.B. (May 2024). *Inflammation and reward processing: A meta-analysis*. Poster presented at the at the 78<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Austin, TX.
209. Null, K.E., Cushing, C., Bookheimer, S.Y., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (April 2024). *Investigating functional network connectivity associated with worry: An independent component analysis of resting-state fMRI*. Poster presented at the annual meeting of the Anxiety & Depression Association for America, Boston, MA.

208. **Nusslock, R.** (March 2024). *Neuroinflammatory activity and dimensions of internalizing symptoms*. Paper presented at the HiTOP meeting at the annual convention of the Society for Personality Assessment, San Diego, Canada.
207. \*Schrock, J.M., Chen, Y., \*Armstrong, C.C., **Nusslock, R.**, & Ragin, A. (March 2024). *Absolute CD4 count predicts early alterations of longitudinal trajectories in the brain's central executive network among people living with HIV*. Poster presented at the annual Conference on Retroviruses and Opportunistic Infections, Denver, CO.
206. \*Chat, I.K., Lam, P.H., Stephenson, A.R., Pike, M.R., **Nusslock, R.**, & Alloy, L.B. (March 2024). *Inflammation and reward processing: A meta-analysis*. Paper presented at the annual meeting of the American Psychosomatic Society, Brighton, United Kingdom.
205. Smith, L., \*Chat, I.K.-Y., **Nusslock, R.**, & Alloy, L.B. (November 2023). *Are sex differences on the BIS/BAS scale reliable? An examination of measurement invariance*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Seattle, WA.
204. Jameson, T., Jopling, E., Gruber, J., Young, G., Mauss, I.B., Alloy, L.B., Battaglini, A.M., Borelli, J.L., Bullock, B., Holley, S.R., Ibonie, S.G., Kamble, S., Mason, L., Moriarty, D.P., **Nusslock, R.**, Okuma, A., Rnic, K., Rutledge, R.B., Strauss, G.P., Van Bavel, J.J., Villanueva, C.M., & LeMoult, J. (November 2023). Poster presented at the 39<sup>th</sup> annual meeting of the International Society for Traumatic Stress Studies, Los Angeles, CA.
203. Chu, K.A., Metts, A.V., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (November 2023). *Exploring the relationship between stress resilience and social reward sensitivity*. Poster presented at the 57<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Seattle, WA.
202. Smith, L.T., \*Chat, I.K., **Nusslock, R.**, & Alloy, L.B. (November 2023). *Are sex differences on the BIS/BAS scale reliable? An examination of measurement invariance*. Poster presented at the 57<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Seattle, WA.
201. \*Seitz, K.R., \*Kougan, N.C., \*Chat, I.K., Young, K.S., Vinograd, M., Craske, M.G., Bookheimer, S.Y., Zinbarg, R., Miller, G., & **Nusslock, R.** (September 2023). *The association between inflammation, alcohol use, and internalizing disorders*. Poster presented at the 36<sup>th</sup> annual meeting of the Society for Research in Psychopathology, St. Louis, MO.
200. \*Kougan, N.C., Walsh, R.F.L., \*Seitz, K.R., \*Anderson, Z., Alloy, L.B., & **Nusslock, R.** (September 2023). *Sex differences in the relationship between reward responsivity and suicidal ideation in adolescents*. Poster presented at the 36<sup>th</sup> annual meeting of the Society for Research in Psychopathology, St. Louis, MO.
199. \*Patel, A., \*Anderson, Z., \*Chat, I.K., Young, K., Craske, M., Bookheimer, S., Zinbarg, R., **Nusslock, R.** (September 2023). *Low reward-related brain function is uniquely associated with the construct of narrow depression*. Poster presented at the Society for Research in Psychopathology's annual conference.

198. \*Butler, E.R., Chen, R., Miller, G.E., & **Nusslock, R.** (July 2023). *The emergence of sex differences on internalizing symptoms: Potential social and neurobiological sources*. Poster presented at the 29<sup>th</sup> annual meeting of the Organization for Human Brain Mapping, Montreal, Canada.
197. \*Cichocki, A.C., \*Seitz, K.R., \*Chat, I.K., Craske, M.G., Bookheimer, S.Y., Zinbarg, R.E., Miller, G.E., & **Nusslock, R.** (April 2023). *Life adversity strengthens the association between prefrontal cortical volume and peripheral inflammation*. Poster presented at the 77<sup>th</sup> annual meeting of the Society of Biological Psychiatry, San Diego, CA.
196. \*Kougan, N.C., \*Anderson, Z., Vinograd, M., Seitz, K.R., Bookheimer, S.Y., Craske, M.G., Zinbarg, R.E., **Nusslock, R.** (April 2023). *Association between childhood trauma and neural activation during reward processing*. Poster presented at the 77<sup>th</sup> annual meeting of the Society of Biological Psychiatry, San Diego, CA.
195. \*Seitz, K.R., \*Cichocki, A.C., \*Chat, I.K., \*Kougan, N.C., Young, K.S., Vinograd, M., Craske, M.G., Bookheimer, S.Y., Zinbarg, R.E., Miller, G.E., & **Nusslock, R.** (April 2023). *Exercise moderates the relationship between amygdala volume and inflammation*. Poster presented at the 77<sup>th</sup> annual meeting of the Society of Biological Psychiatry, San Diego, CA.
194. Dada, O., **Nusslock, R.**, Craske, M.G., Zinbarg, R.E., Bookheimer, S., \*Chat, I.K., \*Feinstein, B., Miller, G.E., & Amato, K.R. (November 2022). *Evaluating the relationship between the gut microbiome, inflammation, and brain function*. Poster presented at the 20<sup>th</sup> annual Biomedical Research Conference for Minority Scientists (ABRCMS), Anaheim, CA.
193. Westerman, H.B., Burt, A., Richmond-Rakerd, L.S., Suarez, G.L., **Nusslock, R.**, Klump, K.L., & Hyde, L.W. (September 2022). *Exposure to community violence as a mechanism linking socioeconomic disadvantage and neural responses to reward*. Poster presented at Flux Congress, Paris, France.
192. **Nusslock, R.**, \*Carroll, A.L., \*Armstrong, C.C., \*Chat, I.K., Vinograd, M., Young, K.S., Zinbarg, R.E., Bookheimer, S.Y., Craske, M.G., & Miller, G.E. (September 2022). *Early-life adversity moderates the relationship between inflammation and reward-related brain function*. Paper presented at the 35<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.
191. \*Anderson, Z., Miller, G.E., \*Chat, I.K., \*Damme, K.S.F., Young, K.S., Craske, M.G., Bookheimer, S.Y., Zinbarg, R.E., & **Nusslock, R.** (September 2022). *Heightened inflammation is associated with increased resting state connectivity in the frontolimbic network*. Poster presented at the 35<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.
190. \*Chat, I.K., Dunning, E.E., Bisgay, A.T., Stephenson, A.R., **Nusslock, R.**, Miller, G.E., & Alloy, L.B. (September 2022). *Trait reward hypersensitivity moderates the association between goal-striving life events and inflammatory signaling*. Poster presented at the 35<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.

189. Hargrove, R., Young, G., Mauss, I.B., Ford, B.Q., Alloy, L.B., Borelli, J., Bullock, B., Holley, S., Ibonie, S.G., Shanmukh, K., LeMoult, J., Mason, L., Moriarty, D.P., **Nusslock, R.**, Okuma, A., Rutledge, R.B., Strauss, G., Villanueva, C.M., Weinstock, L., & Gruber, J. (September 2022). *Associations between suicidal ideation with bipolar disorder risk and mood severity in a multi-site investigation of emerging adults*. Poster presented at the 35<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.
188. Iboni, S.G., Young, G., Ploe, M.L., Mauss, I.B., Alloy, L.B., Borelli, J., Bullock, B., Holley, S., Jopling, E., Shanmukh, K., LeMoult, J., Mason, L., Moriarty, D.P., **Nusslock, R.**, Okuma, A., Rutledge, R.B., Strauss, G., Villanueva, C.M., & Gruber, J. (September 2022). *A tale of two social sides? Bipolar disorder risk and social network and connection dimensions in a multi-site sample of emerging adults*. Poster presented at the 35<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.
187. Villanueva, C.M., Joachimsthaler, J., Young, G., Mauss, I.B., Weinstock, L.M., Alloy, L.B., Borelli, J., Bullock, B., Ibonie, S.G., Jopling, E., Kamble, S., LeMoult, J., Holley, S.R., Mason, L., Moriarty, D.P., **Nusslock, R.**, Okuma, A., Rutledge, R.B., Strauss, G., Van Bavel, J., & Gruber, J. (September 2022). *Associations between happiness beliefs and mania and depression severity: Multi-site comparison of Latinx, Asian and White emerging adults*. Poster presented at the 35<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.
186. \*Schrock, J.M., **Nusslock, R.**, McDade, T.W., D'Aquila, R., & Mustanski, B.S. (June 2022). *Prior trauma exposure predicts decoupling of systemic inflammation and somatic symptoms*. Poster presented at the 28<sup>th</sup> annual meeting of the Psychoneuroimmunology Research Society, Zurich, Switzerland.
185. \*Butler, E.R., Miller, G.E., & **Nusslock, R.** (June 2022). *Association between violence and internalizing symptoms explained by inflammation and amygdala connectivity*. Paper presented at the 28th annual meeting of the Organization for Human Brain Mapping, Glasgow, Scotland.
184. Adogli, Z.V., \*Chat, I.K., Gepty, A., \*Carroll, A.L., \*Damme, K.S.F., **Nusslock, R.**, & Alloy, L.B. (May 2022). *Residence in high violent crime neighborhoods is associated with lower monetary reward anticipation in nucleus accumbens in emerging adulthood*. Poster presented at the 34<sup>th</sup> annual meeting of the Association for Psychological Science, Chicago, IL.
183. \*Chat, I.K.-Y., Dunning, E.E., Bart, C.P., \*Carroll, A.L., Grehl, M.M., \*Damme, K.S.F., Abramson, L.Y., **Nusslock, R.**, & Alloy, L.B. (May 2022). *The interaction between recent reward-relevant life event exposure and trait reward sensitivity in neural activation to reward cues*. Poster presented at the annual convention of the Association for Psychological Science, Chicago, IL.
182. Jopling, E., Jameson, T., Gruber, J., Mauss, I.B., Young, G., Borelli, J.L., **Nusslock, R.**, Mason, L., Rutledge, R.B., Alloy, L.B., Bullock, B., Kamble, S., Ibonie, S.G., Holley, S.R., Moriarty, D., Strauss, G., Van Bavel, J., & LeMoult, J. (May 2022). *Understanding resilience in emerging adults across the COVID-19 pandemic: An international multi-site study*. Poster presented at the 34<sup>th</sup> annual meeting of the Association for Psychological Science, Chicago, IL.

181. \*Feinstein, B., Gruber, J., Young, G., Mauss, I.B., Ford, B., Alloy, L.B., Borelli, J.L., Bullock, B., Holley, S.R., Ibonie, S.G., Kamble, S., LeMoult, J., Mason, L., Moriarty, D., Okuma, A., Rutledge, R., Strauss, G., Van Bavel, J., Weinstock, L., & **Nusslock, R.** (May 2022). *Reward responsivity and emotion control beliefs are independently (but not interactively) associated with symptoms of depression in a multi-site investigation.* Poster presented at the 34<sup>th</sup> annual meeting of the Association for Psychological Science, Chicago, IL.
180. \*Porter, A., \*Anderson, Z., \*Cichocki, A.C., **Nusslock, R.**, & Miller, G.E. (April 2022). *Association between change in microscopic white matter and socioeconomic status in response to health disparities in children.* Poster presented at the 29<sup>th</sup> annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
179. \*Feinstein, B., \*Carroll, A., \*Chat, I.K., Ozturk, S., \*Damme, K.S.F., Young, K.S., Craske, M.G., Bookheimer, S.Y., Zinbarg, R.E., & **Nusslock, R.** (April 2022). *Emotion regulation tendencies are associated with activation in the orbitofrontal cortex, but not the dorsolateral prefrontal cortex, during reward processing.* Poster presented at the 76<sup>th</sup> annual meeting of the Society of Biological Psychiatry, New Orleans, LA.
178. \*Cichocki, A.C., \*Damme, K.S.F., \*Chat, I.K., Young, K.S., Craske, M.G., Bookheimer, S., Zinbarg, R.E., & **Nusslock, R.** (April 2022). *Emotion generation and regulation volumes associated with depression and anxiety dimensional symptoms.* Poster presented at the 76<sup>th</sup> annual meeting of the Society of Biological Psychiatry, New Orleans, LA.
177. Rosenberg, B.M., **Nusslock, R.**, Zinbarg, R.E., & Craske, M.G. (April 2022). *Co-occurring increases in general distress and resting-state functional connectivity during young adulthood.* Poster presented at the 76<sup>th</sup> annual meeting of the Society of Biological Psychiatry, New Orleans, LA.
176. Amato, K.R., Mallot, E.K., Dickson, Z., Long, S., Kuch, M., D'Almeida, P., Diakiw, L., Fernanda de la Fuente, M., Garber, P., Gurven, M., Hoke, M., Kuzawa, C., McDade, T., **Nusslock, R.**, Schiel, N., Schmitt, C., Trumble, B., & Poinar, H. (March 2022). *The effect of diet on the gut microbiome of humans and non-human primates.* Paper presented at the 91<sup>st</sup> annual meeting of the American Association of Biological Anthropologists, Denver Co.
175. Yarrington, J.S., Metts, A.V., Zinbarg, R.E., **Nusslock, R.**, Hammen, C., \*Kelley, N., Bookheimer, S., Craske, M.G. (November 2021). *The role of positive life events in protecting against mood and anxiety disorders.* Poster presented at the 56<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, virtual meeting.
174. \*Gaumond, J., \*Glazer, J.E., & **Nusslock, R.** (October 2021). *Cognitive worry is associated with decreased neural efficiency during emotion regulation.* Poster presented at the 61<sup>st</sup> annual meeting of the Society for Psychophysiology Research, virtual meeting.
173. Zinbarg, R.E., Craske, M.G., Feinstein, B., Murillo, A., & **Nusslock, R.** (September 2021). *Associations of the Covid-19 pandemic with transdiagnostic dimensions of anxiety and depression: Average trajectory changes and prediction by neuroticism and behavioral activation system in the NU-UCLA Brain, Motivation and Personality Development Project.* Paper presented at the 34<sup>th</sup> annual meeting of the Society for Research in Psychopathology, virtual meeting.



172. \*Chat, I.K., **Nusslock, R.**, Moriarity, D.P., Bart, C.P., Giollabhui, N.M., \*Damme, K.S.F., \*Carroll, A.L., Miller, G.E., & Alloy, L.B. (May 2021). *Goal striving tendencies moderate the relationship between reward-related brain function and peripheral inflammation*. Poster presented at the 27<sup>th</sup> annual meeting of the Psychoneuroimmunology Research Society, virtual meeting.
171. Peng, Y., Knotts, J.D., Young, K.S., Bookheimer, S.Y., **Nusslock, R.**, Zinbarg, R.E., Craske, M.G. (April 2021). *Threat neurocircuitry predicts the development of anxiety and depression symptoms in a longitudinal study*. Poster presented at the 13<sup>th</sup> annual meeting of Society & Affective Neuroscience Society, virtual meeting.
170. \*Chat, I.K., Bart, C.P., Dennison, J., Smith, D.V., Miller, G.E., **Nusslock, R.**, Alloy, L.B. (April 2021). *Inflammatory signaling and corticostriatal functional connectivity to anticipated valence and salience of reward and threat stimuli: An investigation in depressed versus non-depressed young adults*. Poster presented at the 75<sup>th</sup> annual of the Society of Biological Psychiatry, virtual meeting.
169. \*Glazer, J., \*Gaumond, J., \*Liebman, E. \*Syed, S., & **Nusslock, R.** (April 2021). *Anhedonia associated with attenuated reward-related neural activity during cue-evaluation and motor-preparation*. Poster presented at the 75th annual meeting of the Society of Biological Psychiatry Conference, virtual meeting.
168. \*Anderson, Z., \*Carroll, A., \*Chat, I.K., \*Ozturk, S., \*Damme, K.S.F., Young, K.S., Craske, M.G., Bookheimer, S., Zinbarg, R.E., & **Nusslock, R.** (April. 2021). *Alterations in reward related functional connectivity are associated with anhedonia above and beyond general distress and fears*. Poster presented at the 75th annual meeting of the Society of Biological Psychiatry Conference., virtual meeting.
167. Rosenberg, B.M., Taschereau-Dumouchel, V., Young, K.S., Lau, H., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (April 2021). *A multivoxel pattern analysis of anhedonia during fear extinction: Implications for safety learning*. Poster presented at the 75th annual meeting of the Society of Biological Psychiatry Conference, virtual meeting.
166. \*Cichocki, A.C., \*Damme, K.S.F., \*Carroll, A.L., Young, K.S., Craske, M.G., Bookheimer, S.Y., Zinbarg, R.E., & **Nusslock, R.** (April 2021). *Relationship between frontostriatal-amygdala volume and tri-level symptoms of depression and anxiety*. Poster presented at the 75<sup>th</sup> annual meeting of the Society of Biological Psychiatry, virtual meeting.
165. \*Garcia, K., \*Anderson, Z., \*Chat, I. K., \*Damme, K., Bookheimer, S.Y., Zinbarg, R., Craske, M., & **Nusslock, R.** (January 2021). *Predicting dimensional symptoms of psychopathology from task-based fMRI using support vector regression*. Poster presented at the annual meeting for the Society for Neuroscience, virtual meeting.
164. Peng, Y., Knotts, J.D., Young, K.S., Bookheimer, S.Y., **Nusslock, R.**, Zinbarg, R.E., & Craske, M.G. (October 2020). *Threat neurocircuitry predicts the development of anxiety and depression symptoms in a longitudinal study*. Paper presented at Neuromatch 3.0, virtual meeting.
163. \*Glazer, J. & **Nusslock, R.** (September 2020). *Stimulus frequency and outcome valence modulate reward- positivity during reward and punishment feedback evaluation*. Poster presented at the 60<sup>th</sup> annual meeting of the Society for Psychophysiology Research, Vancouver, B.C.

162. \*Chat, I.K., Curley, E.E., Bart, C.P., \*Damme, K.S.F., \*Carroll, A.L., Abramson, L.Y., **Nusslock, R.**, & Alloy, L.B. (May 2020). *Trait reward sensitivity interacts with reward-relevant life events to predict neural responses to reward anticipation*. Paper presented at the 22<sup>nd</sup> annual conference of the International Society for Bipolar Disorders, virtual meeting.
161. \*Etuk, S.M, Kuthyar, S., \*Shirola, W., \*Chat, I.K., Craske, M.G., Bookheimer, S., Vinograd, M., Echiverri, A., Zinbarg, R.E., Amato, K., & **Nusslock, R.** (May 2020). *Childhood adversity is associated with the diversity of the gut microbiota in young adults*. Poster accepted for presentation at the 32<sup>nd</sup> annual meeting of the Association for Psychological Science, Chicago, IL.
160. \*Cichocki, A.C., \*Tanda, N., \*Damme, K.S.F., \*Young, K.S., Craske, M.G., Bookheimer, S.Y., Zinbarg, R.E., & **Nusslock, R.** (May 2020). *Neuroanatomical differences associated with lifetime history of depression, anxiety, and comorbid depression-anxiety*. Poster presented at the 32<sup>nd</sup> annual meeting of the Association for Psychological Science, Chicago, IL.
159. **Nusslock, R.**, Chen, E., Brody, G.H., & Miller, G.E. (April 2020). *Functional connectivity in central executive network associated with resilience to poverty and early life adversity*. Paper presented at the 27<sup>th</sup> annual meeting of the Cognitive Neuroscience Society, virtual meeting.
158. \*Anderson, Z., \*Carroll, A.L, \*Chat, I.K., \*Ozturk, S., \*Damme, K.S.F., Young, K.S., Craske, M.G., Bookheimer, S., Zinbarg, R.E., & **Nusslock, R.** (April 2020). *Reward-related brain function in lifetime depression, anxiety, and comorbid depression and anxiety*. Poster presented at the 74<sup>th</sup> annual meeting of the Society of Biological Psychiatry, New York, NY.
157. \*Feinstein, B., \*Carroll, A.L, \*Chat, I.K., \*Ozturk, S., \*Damme, K.S.F., Cichocki, A.C., Anderson, Z., Young, K.S., Craske, M.G, Bookheimer, S., Zinbarg, R.E, & **Nusslock, R.** (April 2020). *Relationship between emotion regulation tendencies and frontal-striatal neural activity during reward processing*. Poster presented at the 74<sup>th</sup> Anniversary Meeting for the Society of Biological Psychiatry, New York, NY.
156. \*Etuk, S.M, \*Chat, I.K., \*Kuthyar, S., \*Shirola, W., \*Smith, E., Craske, M.G., Bookheimer, S., Amato, K. , Zinbarg, R.E., & **Nusslock, R.** (April 2020). *Ventral striatum activation is not significantly associated with future microbial gut diversity in young adults*. Poster presented at the 74<sup>th</sup> annual meeting of the Society for Biological Psychiatry, New York, NY.
155. \*Cichocki, A.C., \*Tanda, N., \*Ozturk, S., \*Damme, K.S.F., \*Carroll, A.L., \*Armstrong, C.C., Young, K.S., Craske, M.G., Bookheimer, S.Y., Zinbarg, R.E., **Nusslock, R.** (April 2020). *Relationship between threat- and reward-related brain structure and symptom dimensions of anxiety and depression*. Poster presented at the 74<sup>th</sup> annual meeting of the Society of Biological Psychiatry, New York, NY.
154. \*Bart, C.P., Chat, I.K., \*Carroll, A.L., \*Armstrong, C.C., **Nusslock, R.**, & Alloy, L.B. (March 2020). *Decreased dorsolateral prefrontal cortex responses to monetary rewards is predictive of future substance use*. Paper presented at the 110<sup>th</sup> Annual Meeting of the American Psychopathological Association, New York, NY.
153. **Nusslock, R.** (December 2019). *Neuroimmune signaling in mental and physical health*. Paper presented at the 58<sup>th</sup> annual meeting of the American College of Neuropsychopharmacology, Orlando, FL.

152. \*Bart, C., **Nusslock, R.**, Ng, T.H., Titone, M.K., \*Carroll, A.L., \*Damme, K.S.F., \*Young, C.B., Chein, J., & Alloy, L.B. (October 2019). *Decreased reward-related brain function to monetary rewards predicts shorter time to substance use disorder onset*. Poster presented at the 49<sup>th</sup> annual meeting of the Society for Neuroscience, Chicago, IL.
151. \*Ozturk, S., \*Carroll, A.L., \*Chat, I.K., \*Damme, K.S.F., Young, K.S., \*Armstrong, C.C., Zinbarg, R.E., Bookheimer, S., Craske, M., & **Nusslock, R.** (September 2019). *The relationship between tri-level symptom models of depression and anxiety with reward-related brain function*. Poster presented at the 33<sup>rd</sup> annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
150. \*Chat, I.K., MacGiollabhui, N., \*Bart, C.P., **Nusslock, R.**, Miller, G.E., Moriarty, D.P., Ng, T.H., & Alloy, L.B. (September 2019). *Neural reward anticipation predicts systemic inflammation among individuals with elevated goal ambition*. Poster presented at the 33<sup>rd</sup> annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
149. \*Glazer, J., \*Kelley, N.J., \*Chat, I.K., Young, K.S., Zinbarg, R.E., Craske, M., & **Nusslock, R.** (September 2019). *Anhedonia is uniquely associated with blunted reward-related neural activity during cue-evaluation*. Poster presented at the 33<sup>rd</sup> annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
148. \*Kelley, N.J., \*Glazer, J.E., \*Pornpattananangkul, N., & **Nusslock, R.** (September 2019). *Reappraisal and suppression emotion-regulation tendencies differentially predict reward-responsivity and psychological well-being*. Poster presented at the 59<sup>th</sup> annual meeting of the Society for Psychophysiology Research, Washington, D.C.
147. Young, K.S., Bookheimer, S.Y., **Nusslock, R.**, Zinbarg R.E., & Craske, M.G. (June 2019). *Symptom dimensions of anxiety and depression are related to dissociable disruptions in threat neurocircuitry during fear conditioning*. Paper presented at the 11<sup>th</sup> Annual European Meeting of Human Fear Conditioning, Wurzburg, Germany.
146. \*Ozturk, S., \*Armstrong, C., \*Carroll, A., \*Damme, K., Young, K. S., \*Chat, I., \*Kelley, N.J., Zinbarg, R. E., Craske, M., & **Nusslock, R.** (May 2019). *Abnormal white matter connectivity patterns underlying the tri-level symptoms of depression and anxiety*. Poster presented at the 73<sup>rd</sup> annual meeting of the Society of Biological Psychiatry Conference, Chicago, IL.
145. \*Carroll, A.L., \*Kelley, N.J., \*Armstrong, C., Young, K.S., \*Chat, I.K., \*Damme, K.S.F., Craske, M.G., Zinbarg, R.E., & **Nusslock, R.** (May 2019). *Emotion regulation tendencies moderate relationship between childhood trauma and nucleus accumbens activation to loss*. Poster presented at the 73<sup>rd</sup> annual meeting of the Society of Biological Psychiatry, Chicago, IL.
144. \*Chat, I.K., \*Bart, C.P., Ng, T.H., Moriarty, D.P., **Nusslock, R.**, Miller, G.E., & Alloy, L.B. (March 2019). *Increased rates of reward-relevant life events predict neural risk for bipolar disorders in reward-hypersensitive individuals*. Paper presented at the 77<sup>th</sup> annual meeting of the American Psychosomatic Society, Vancouver, B.C.

143. **Nusslock, R.**, Brody, G., \*Armstrong, C.C, \*Carroll, A., Yu, T., Barton, A., Chen, E., Higgins, J., Parrish, T., Wang, L., Miller, G.E. (March 2019). *Higher inflammation associated with lower resting state functional connectivity in emotion regulation and executive networks*. Paper presented at the biennial meeting for the Society for Research in Child Development, Baltimore, MD.
142. Vinograd, M., Young, K.S., Sun, M., Staples-Bradley, L.K., \*Damme, K.S.F., \*Kelley, N.J., \*Chat, I.K.Y., Bookheimer, S.Y., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (March 2019). *Early adversity and cortico-amygdala activation during fear conditioning among adolescents*. Paper presented at the biennial meeting for the Society for Research in Child Development, Baltimore, MD.
141. \*Kelley, N.J., Kramer, A.M., Young, K.S., Echiverri-Cohen, A.M., \*Chat, I.K., Bookheimer, S., **Nusslock, R.**, Craske, M.G., & Zinbarg, R.E. (February 2019). *Evidence for a general factor of behavioral activation system sensitivity*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Portland, OR.
140. \*Bart, C.P., \*Carroll, A., \*Young, C.B., \*Damme, K.S.F., McLaughlin, L., Ng, T.H., Titone, M.K., **Nusslock, R.** & Alloy, L.B. (November 2018). *Decreased striatal activity predicts problematic substance use: Evidence from a functional MRI study*. Poster presented at the 52<sup>nd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Washington, D.C.
139. \*Bart, C.P., \*Young, C.B., \*Damme, K.S.F, McLaughlin, L., Ng, T.H., Titone, M.K., **Nusslock, R.** & Alloy, L.B. (November 2018). *Impulsive personality predicts increased problematic substance use and increased OFC activation in anticipation of rewards*. Poster presented at the 52<sup>nd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Washington, D.C.
138. Moriarity, D. P., Ng, T.H, Titone, M.K., \*Chat, I.K., **Nusslock, R.**, Miller, G.E., & Alloy, L.B. (November 2018). *An integrated reward and rumination model of inflammation and mood symptoms*. Paper presented at the 52<sup>nd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Washington, D.C.
137. \*Kelley, N.J., \*Glazer, J.E., \*Pornpattananangkul, N & **Nusslock, R.** (October 2018). *Distinct profiles of reward-related neural activity characterize reappraisal versus suppression Emotion regulation tendencies*. Paper presented at the 58th annual meeting for the meeting of the Society for Psychophysiological Research, Quebec City, Quebec, Canada.
136. \*Nadig, A., \*Kelley, N.J., \* Pornpattananangkul, N., \*Glazer, J.E., & **Nusslock, R.** (October 2018). *Shifts in attentional scope modulate reward-evoked ERPs*. Paper presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Quebec City, Quebec, Canada.
135. \*Glazer, J.E., \*Kelley, N.J., & **Nusslock, R.** (October 2018). *Distinct and opposite profiles of reward-related neural activation in depression and mania*. Paper presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Quebec City, Quebec, Canada.

134. **Nusslock, R.**, Brody, G., \*Armstrong, C.C., \*Carroll, A., \*Ozturk, S., Yu, T., Barton, A., Chen, E., Higgins, J., Parrish, T., Wang, L., Vause, K., Hoffer, L., Miller, G.E. (September 2018). *Elevated peripheral inflammation is associated with decreased resting state functional connectivity within an emotional regulation network in two independent samples*. Paper presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
133. Alloy, L.B., \*Chat, I., Moriarity, D.P., Miller, G.E., & **Nusslock, R.** (September 2018). *Associations between inflammation and reward-related brain function in individuals with and at risk for bipolar spectrum disorders*. Paper presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
132. \*Ng, T.H., \*Damme, K.S.F., \*Young C.B., \*Carroll, A., \*Armstrong, C.C., Titone, M.K., Bart, C., **Nusslock, R.**, & Alloy, L.B. (September 2018). *Elevated striatal and medial orbitofrontal responses to reward consumption distinguished bipolar spectrum disorder from unipolar depression*. Poster presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
131. \*Chat, I.K., \*Kelley, N.J., Vinograd, M., Perez, M., Zinbarg, R., Young, K.S., Echiverri, A., Craske, M.G., Miller, G.E., & **Nusslock, R.** (September 2018). *General distress in anxiety and depression is associated with increased systemic inflammation*. Poster presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
130. \*Glazer, J., \*Kelley, N.J., \*Fada, E., \*Sandozi, A., & **Nusslock, R.** (September 2018). *Risk for unipolar depression and bipolar disorder associated with distinct profiles of reward-related neurophysiological activity*. Poster presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
129. \*Carroll, A., \*Damme, K.S.F., **Nusslock, R.**, Bart, C., Ng, T.H., Titone, M.K., & Alloy, L.B. (September 2018). *Emotion-based impulsivity and prefrontal cortical volume predict risk for bipolar spectrum disorders*. Poster presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
128. \*Ozturk, S., \*Armstrong, C.C., \*Carroll, A., \*Damme, K.S.F., Young, K., \*Chat, I.K., \*Kelley, N.J., Zinbarg, R.E., Craske, M.G., & **Nusslock, R.** (September 2018). *The relationship between white matter integrity and general distress and anhedonia*. Poster presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
127. **Nusslock, R.** (May 2018). *Reward-related brain function in mood disorders*. Invited talk at the 30<sup>th</sup> annual meeting of the Association for Psychological Science, San Francisco, CA.
126. Vinograd, M., \*Kelley, N.J., Young, K.S., Zinbarg, R.E., **Nusslock R.** & Craske, M.G. (May 2018). *The impact of early life adversity on working memory for negative and neutral information among young adults*. Poster presented at the 30<sup>th</sup> annual meeting of the Association for Psychological Science, San Francisco, CA.
125. Tanner, A.S., Young, K.S., **Nusslock, R.**, Zinbarg, R.E., Bookheimer, S.Y., & Craske, M.G. (May 2018). *Associations among purposeful exercise, cognitive reappraisal tendency, and internalizing symptoms*. Poster presented at the 30<sup>th</sup> annual meeting of the Association for Psychological Science, San Francisco, CA.

124. Young, K.S., Hasratian, A., Zinbarg, R.E., **Nusslock, R.**, & Craske, M.G. (May 2018). *Social feedback learning reduces negative bias and impaired motivation in anxiety and depression*. Poster presented at the 30<sup>th</sup> annual meeting of the Association for Psychological Science, San Francisco, CA.
123. Alloy, L.B., \*Chat, I.K.Y., Moriarity, D.P., Miller, G., & **Nusslock, R.** (May 2018). *Risk for bipolar spectrum disorders and associations between inflammation and reward-related brain function*. Paper presented at the 73<sup>rd</sup> Society of Biological Psychiatry Conference, New York, NY.
122. Vinograd, M., Young, K.S., Staples-Bradley, L.K., Sun, M., \*Damme, K.S.F., Bookheimer, S.Y., Zinbarg, R., Craske, M.G., & **Nusslock, R.** (May 2018). *Early life adversity predicts amygdala activation during fear acquisition function*. Paper presented at the 73<sup>rd</sup> Society of Biological Psychiatry Conference, New York, NY.
121. Cooper, J., **Nusslock, R.**, Craske M.G., Zinbarg, R., \*Chat, I., Barch, D., Reddy, F., Green, M., Horan, W., & Treadway, M. (May 2018). *Computational models of effort-based choice in patients with Major depression and schizophrenia*. Paper presented at the 73<sup>rd</sup> Society of Biological Psychiatry Conference, New York, NY.
120. \*Chat, I. K., **Nusslock, R.**, Moriarity, D., Miller, G. E., & Alloy, L. B. (March 2018). *Increased systemic inflammation associated with enhanced reward related brain function in emerging adulthood*. Paper presented at the 76<sup>th</sup> annual meeting of the American Psychosomatic Society, Louisville, KY.
119. \*Kelley, N.J., \*Glazer, J.E., \*Pornpattananangkul, N & **Nusslock, R.** (March 2018). *Distinct profiles of reward-related neural activity characterize reappraisal versus suppression emotion regulation tendencies*. Poster presented at the Annual Meeting of the Society for Personality and Social Psychology Atlanta, GA.
118. **Nusslock, R.**, \*Young, C.B., \*Damme, K.S.F., & Alloy, L.B. (December 2017). *Abnormalities in reward-related neural circuitry in unipolar depression versus bipolar disorder*. Paper presented at the 56<sup>th</sup> annual meeting of the American College of Neuropsychopharmacology, Palm Springs, CA.
117. **Nusslock, R.**, & Miller, G.E. (November 2017). *Early-life adversity and physical and emotional health across the lifespan: A neuroimmune network hypothesis*. Paper presented at the 51<sup>st</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA
116. **Nusslock, R.**, \*Young, C.B., \*Damme, K.S.F., & Alloy, L.B. (November 2017). *Unipolar depression and bipolar disorder characterized by distinct profiles of reward-related functional and structural neural connectivity*. Paper presented at the 51<sup>st</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA.

115. Alloy, L.B., \*Ng, T., \*Titone, M., \*Bart, C., \*Damme, K.S.F., \*Young, C.B., Chein, J., **Nusslock, R.** (September 2017). *Blunted neural reward responsiveness predicts prospective depressive episodes*. Paper presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
114. \*Kelley, N.J., \*Glazer, J., \*Pornpattananangkul, N., & **Nusslock, R.** (September 2017). *Elevated emotion suppression associated with blunted reward sensitivity*. Poster presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
113. \*Bart, C., **Nusslock, R.**, \*Young, C.B., \*Damme, K.S.F., \*Ng, T., \*Titone, M., \*Downey, P., \*Siegel, D. Alloy, L.B. (September 2017). *Substance use frequency predicts decreased activity in reward-related neural networks during reward anticipation*. Poster presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
112. \*Armstrong, C., \*Young, C.B., \*Damme, K.S.F., \*Carroll, A. & **Nusslock, R.** (September 2017). *Relationship between resting state network connectivity and affective temperament*. Poster presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
111. \*Titone, M., \*Ng, T., \*Bart, C., Chein, J., **Nusslock, R.**, \*Young, C.B., \*Damme, K.S.F., & Alloy, L.B. (September 2017). *Ambitious goal striving predicts brain activation in the ventral striatum during reward anticipation*. Poster presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
110. \*Glazer, J., \*Hentschel, C., \*Becker, S., \*Shanker, E., \*Knott, H., \*Lisser, N., & **Nusslock, R.** (September 2017). *Enhanced neural activity to both immediate and delayed rewards is associated with proneness to hypomania*. Poster presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
109. \*Chat, I.K., **Nusslock, R.**, \*Moriarty, D., \*Titone, M., \*Ng, T., \*MacGiollabhui, N., Miller, G.E., Alloy, L.B. (September 2017). *Elevated goal-striving tendencies predict systemic inflammation in individuals at risk for bipolar disorder*. Poster presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
108. \*Damme, K.S.F., **Nusslock, R.**, \*Young, C.B., Chein, J., \*Black, C., \*O'Garro-Moore, J., & Alloy, L.B. (September 2017). *Elevated reward sensitivity and bipolar spectrum diagnosis associated with reduced cortical thickness in medial orbitofrontal cortex*. Poster presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
107. \*Carroll, A., **Nusslock, R.**, \*Young, C.B., \*Damme, K.S.F., Titone, M., \*Bart, C., Ng, T., & Alloy, L.B. (September 2017). *Neural features of impulsivity and reward processing in bipolar spectrum disorder*. Poster presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
106. \*Damme, K., **Nusslock, R.**, Chein, J., \*Black, C., \*O'Garro-Moore, J., Hamlat, E., & Alloy, L. (May 2017). *Distinct cortico-striatal structural connectivity along the bipolar spectrum*. Poster presented at the 71<sup>st</sup> annual meeting of the Society of Biological Psychiatry, San Diego, CA.

105. **Nusslock, R.**, Alloy, L.B., & Boland, E. (May 2017). *An integrated reward and circadian dysregulation model of bipolar disorder*. Paper presented at the 19<sup>th</sup> Annual Conference of the International Society for Bipolar Disorders, Washington, DC.
104. \*Chat, I.K., \*Chan, M., \*Vinograd, M., Craske, M., Roth, M., Miller, G.E., Zinbarg, R., & **Nusslock, R.** (March 2017). *Elevated threat-sensitivity and reduced reward-sensitivity associated with increased peripheral inflammation among young adults*. Paper presented at the 75<sup>th</sup> Annual Scientific Meeting of the American Psychosomatic Society, Seville, Spain.
103. \*Chan, M., \*Chat, I.K., \*Vinograd, M., Craske, M., Miller, G.E., Zinbarg, R., & **Nusslock, R.** (March 2017). *Establishing adaptive social capital in the face of risk: Subjective social status, emotion processing, and CVD risk in young adults*. Paper presented at the 75<sup>th</sup> Annual Scientific Meeting of the American Psychosomatic Society, Seville, Spain.
102. **Nusslock, R.**, \*Young, C.B., & \*Damme, K. (September 2016). *Bipolar disorder and unipolar depression are characterized by distinct profiles of reward-related functional and structural connectivity*. Paper presented at the 30<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
101. \*Glazer, J., \*Pornpattananangkul, N., \*Kelley, N.J., \*Singh, B., \*Kittleson, A., & **Nusslock, R.** (September 2016). *Attenuated reward-positivity in depression depends on reward-delay*. Poster presented at the 30<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
100. \*Vanderlind, W.M., \*Pornpattananangkul, N., \*Glazer, J., Baskin-Sommers, A.R., **Nusslock, R.**, & Joorman, J. (September 2016). *Keep your eye on the prize: The relation between biased attention and reward processing among dysphoric individuals*. Poster presented at the 30<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
99. Boland, E.M., Smith, R.V., Burke, T., Bart, C., **Nusslock, R.**, & Alloy, L.B. (September 2016). *High Behavioral Approach System (BAS) sensitivity is associated with increased effortful pursuit of rewards at low, but not medium or high, levels of reward probability*. Poster presented at the 30<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
98. Bart, C.P., Burke, T.A., Boland, E.M., Smith, R.V., **Nusslock, R.**, & Alloy, L.B. (September 2016). *Elevated pursuit of low probability rewards is associated with hypomanic tendencies*. Poster presented at the 30<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
97. \*Damme, K., **Nusslock, R.**, Chein, J., Hamlett, E., Ng, T., Titone, M., & Alloy, L.B. (September 2016). *Elevated reward sensitivity and bipolar spectrum diagnoses associated with increased amygdala volume*. Poster presented at the 30<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
96. \*Kelley, N.J., \*Quinn, M., \*Glazer, J., \*Pornpattananangkul, N., \*Grogans, S., \*Nadig, A., & **Nusslock, R.** (September 2016). *Executive control for positive information mediates the relationship between self-reported behavioral approach sensitivity and reward related neural activation*. Poster presented at the 30<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Baltimore, MD.



95. \*Nadig, A., \*Pornpattananangkul, N., \*Kelley, N.J., \*Glazer, J.E., & **Nusslock, R.** (September 2016). *Attentional scope differentially impacts anticipatory versus consummatory reward-related neural activity*. Poster presented at the 56<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.
94. \*Kelley, N.J., \*Glazer, J.E., \*Pornpattananangkul, N., & **Nusslock, R.** (September 2016). *Enhanced emotion suppression predicts greater reward anticipation: Evidence from the stimulus-preceding negativity*. Poster presented at the 56<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.
93. \*Damme, K.S.F., **Nusslock, R.**, Chein, J., \*Black, C., \*O'Garro-Moore, J., & Alloy, L.B. (June 2016). *Bipolar spectrum diagnoses moderate the relationship between reward sensitivity and hippocampal volume*. Poster presented at the 22<sup>nd</sup> annual meeting of the Organization for Human Brain Mapping, Geneva, Switzerland.
92. \*Taylor, R.L., \*Damme, K.S.F., \*Young, C.B., & **Nusslock, R.** (May 2016). *Elevated depressive symptoms associated with increased white matter integrity in the uncinate fasciculus*. Poster presented at the 28<sup>th</sup> annual convention for Association for Psychological Science, Chicago, IL.
91. \*Hoch, V.L., \*Damme, K.S.F., \*Young, C.B., & **Nusslock, R.** (May 2016). *Relationship between reward sensitivity and mood disorder symptoms with cortical thickness in the medial orbitofrontal cortex and anterior cingulate cortex*. Poster presented at the 28<sup>th</sup> annual convention for Association for Psychological Science, Chicago, IL.
90. \*Damme, K.S.F., **Nusslock, R.**, Chein, J., \*Black, C., \*O'Garro-Moore, J., & Alloy, L.B. (May 2016). *Reduced cortical thickness in the medial orbitofrontal cortex among individuals with elevated reward sensitivity and a bipolar spectrum diagnosis*. Poster presented at the 71<sup>st</sup> annual meeting of the Society of Biological Psychiatry, Atlanta, GA.
89. **Nusslock, R.**, \*Young, C.B., & \*Damme, K.S.F. (May 2016). *Reward related neural activation in unipolar depression and bipolar disorder: From mechanisms, to markers, to treatment*. Paper presented at the 71<sup>st</sup> annual meeting of the Society of Biological Psychiatry, Atlanta, GA.
88. \*Damme, K.S.F., \*Young, C.B., & **Nusslock, R.** (October 2015). *Cortico-striatal and amygdala-striatal structural connectivity uniquely associated with risk for bipolar disorder*. Poster presented at the 45<sup>th</sup> annual meeting of the Society for Neuroscience, Chicago, IL.
87. **Nusslock, R.** (November 2015). *Reward-related brain function in unipolar depression and bipolar disorder: From mechanisms, to markers, to treatment*. Paper presented at the 49<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
86. **Nusslock, R.**, \*Pornpattananangkul, N., & \*Hu., X. (October 2015). *Threat/reward-sensitivity and hypomanic-personality modulate cognitive-control neural processes to emotional stimuli*. Paper presented at the 29<sup>th</sup> annual meeting of the Society for Research in Psychopathology, New Orleans, LA.
85. \*Damme, K., \*Young, C.B., & **Nusslock, R.** (May 2015). *Cortico-striatal tractography associated with elevated hypomanic symptoms*. Poster presented at the 70<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Toronto, CA.

84. **Nusslock, R.** (May 2015). *Reward-related brain function in mood and anxiety disorders*. Paper presented at the 27<sup>th</sup> annual convention for Association for Psychological Science, New York, NY.
83. \*Dansky, E., \*Zabelina, D., \*Pornpattananangkul, N., Hechtman, L., **Nusslock, R.**, & Beeman, M. (May 2015). *Three levels of inhibition: Sensation, attention, and self-control*. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
82. \*Nadig, A., \*Pornpattananangkul, N., \*Heidinger, C.S., \*Walden, K., & **Nusslock, R.** (May 2015). *Reduced reward-related neural activity predicts decreased gratification delay*. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
81. \*Damme K.S.F, \*Young C. B., & **Nusslock, R.** (April 2015). *Amygdala–striatal tract integrity uniquely related to depression symptoms*. Poster presented at the annual meeting of the Wisconsin Symposium on Emotion, Madison, WI.
80. \*Pornpattananangkul, N, & **Nusslock, R.** (April 2015). *Occipital alpha-suppression during reward-anticipation and frontal-midline theta during reward-outcome predict less delay discounting*. Poster presented at the 22<sup>nd</sup> annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
79. Langenecker, S., DelDonno, S., Jacobs, R., Barba, A., Ryan, K., Gowins, J., Jenkins, L., Crane, N., Zubietta, J., **Nusslock, R.**, Phan, L., & Shankman, S. (December 2014). *Diminished learning and pursuit of reward and disrupted resting state connectivity of reward networks in remitted major depressive disorder*. Poster presented at the Annual Meeting of the American Academy of Neuropsychopharmacology, Miami, FL.
78. \*Pornpattananangkul, N., \*Hu., X., & **Nusslock, R.** (September 2014). *Threat/reward sensitivity and hypomanic personality modulate cognitive-monitoring to incongruent affective stimuli*. Poster presented at the the 28<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Evanston, IL.
77. \*Walden, K., \*Pornpattananangkul, N., \*Curlee, A., McAdams, D.P., & **Nusslock, R.** (September 2014). *Elevated relative left frontal EEG activity indexes expressed anger memories in the laboratory and anger variability in daily life*. Poster presented at the 28<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Evanston, IL.
76. \*Damme, K., \*Young, C., & **Nusslock, R.** (September 2014). *Mood and morphology: The relationship between striatal volume, cortico-striatal white matter integrity, and mood symptomology*. Poster presented at the 28<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Evanston, IL.
75. **Nusslock, R.**, Chase, H., Almeida, J.R.C., Forbes, E.E., LaBarbara, E.J., & Phillips, M.L. (September 2014). *Dissociable patterns of abnormal frontal cortical activation during anticipation of uncertain reward and loss in bipolar versus major depression*. Paper presented at the 28<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Evanston, IL.
74. \*Pornpattananangkul, N. & **Nusslock, R.** (September 2014). *Parsing reward processing across time and frequency through event-related oscillations and event-related potentials*. Poster presented at the 54<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Atlanta, Georgia.

73. \*Zabelina, D., \*O'Leary, D., \*Pornpattananangkul, N., **Nusslock, R.**, & Beeman, M. (September 2014). *Creativity and sensory gating indexed by the P50: Selective versus leaky attention in divergent thinkers versus creative achievers*. Poster presented at the 54<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Atlanta, Georgia.
72. \*Reznick, S., \*Pornpattananangkul, N., **Nusslock, R.**, Coan, J.A., Abramson, L.Y., & Harmon-Jones, E. (September 2014). *Posterior versus anterior theta activity is attenuated during helplessness induction paradigm*. Poster presented at the 54<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Atlanta, Georgia.
71. Beermann, U., Haase, C.M., **Nusslock, R.**, & Levenson, R (May 2014). *Amusement reactivity in patients with frontotemporal dementia*. Poster presented at the 26<sup>th</sup> annual convention of the Association for Psychological Science, San Francisco, CA.
70. \*Young, C.B., **Nusslock, R.**, Keller, J., Chen, T., Schatzberg, A.F., & Menon, V. (June 2014). *Dissociable medial prefrontal cortex activity and connectivity related to anhedonia and depression*. Paper presented at the 20<sup>th</sup> annual meeting of the Organization for Human Brain Mapping, Hamburg, Germany.
69. \*Young, C.B., **Nusslock, R.**, Keller, J., Schatzberg, A.F., & Menon, V. (May 2014). *Cortico-limbic-striatal reactivity in depression and its relationship with subfactors of anhedonia*. Poster presented at the 69<sup>th</sup> annual meeting of the Society of Biological Psychiatry, New York, NY.
68. \*Reznick, S., \*Pornpattananangkul, N., Coan, J.A., Harmon-Jones, E., & **Nusslock, R.** (May 2014). *Effect of human learned helplessness on prefrontal brain asymmetry*. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
67. \*Hu, X., \*Pornpattananangkul, N., & **Nusslock, R.** (April 2014). *Executive control- and reward-related neural processes underlying voluntary deception*. Poster presented at the 21<sup>st</sup> annual meeting of the Cognitive Neuroscience Society, Boston, MA.
66. \*Pornpattananangkul, N., & **Nusslock, R.** (April 2014). *Motivated to win: Influence of monetary reward on neural temporal dynamics of action monitoring*. Poster presented at the 21<sup>st</sup> annual meeting of the Cognitive Neuroscience Society, Boston, MA.
65. \*Zabelina, D., \*O'Leary, D., \*Pornpattananangkul, N., **Nusslock, R.**, & Beeman, M. (April 2014). *Creativity and P50 ERP sensory gating: Selective versus leaky attention in divergent thinkers and creative achievers*. Poster presented at the 21<sup>st</sup> annual meeting of the Cognitive Neuroscience Society, Boston, MA.
64. **Nusslock, R.**, \*Pornpattananangkul, N., & \*Hu, X. (March 2014). *Behavioral inhibition sensitivity modulates emotion processing during inhibitory control*. Paper presented at the 33<sup>rd</sup> annual meeting of the Anxiety and Depression Association of America, Chicago, IL.
63. \*Anand, D., \*Oehlberg, K.A., Treadway, M., & **Nusslock, R.** (March, 2014). *Effect of failure/success feedback and personality on reward motivation*. Paper presented at the 33<sup>rd</sup> annual meeting of the Anxiety and Depression Association of America, Chicago, IL.

62. \*Young, C.B., Rauf, M., Parrish, T.B., & **Nusslock, R.** (September 2013). *The effect of positive mood on neural regions involved in reward processing and executive functioning*. Poster presented at the 27<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Oakland, CA.
61. \*Walden, K., \*Pornpattananangkul, N., \*Curlee, A., McAdams, D.P., & **Nusslock, R.** (September 2013). *Elevated posterior versus frontal theta activity during approach-oriented autobiographical narratives*. Poster presented at the 27<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Oakland, CA.
60. \*Annad, D., \*Young, C.B., Treadway, M.T., & **Nusslock, R.** (September 2013). *Effect of cognitive vulnerability and personality on reward motivation*. Poster presented at the 27<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Oakland, CA.
59. \*Pornpattananangkul, N., & **Nusslock, R.** (October 2013). *Motivated to win: The neural influence of monetary reward at different stages of action monitoring*. Poster presented at the 53<sup>rd</sup> annual meeting of the Society for Psychophysiological Research, Florence, Italy.
58. \*Young, C.B., \*Shi, S., \*Rauf, M., Parrish, T.B., & **Nusslock, R.** (June 2013). *Neuroplastic effects of goal-directed mood and bipolar symptoms on reward and executive function*. Poster presented at the 19<sup>th</sup> annual meeting of the Organization for Human Brain Mapping, Seattle, WA.
57. \*Zabelina, D.L., Beeman, M., & **Nusslock, R.** (July 2013). *Attenuated sensory gating as a common underlying mechanism between creativity and psychopathology*. Paper presented at the 121<sup>st</sup> annual meeting of the American Psychological Association, Honolulu, HI.
56. **Nusslock, R.**, \*Young, C.B., \*Pornpattananangkul, N., \*Hu, X., Parrish, T., & \*Reynolds, E. (May 2013). *Abnormalities in reward-related brain activity in subsyndromal bipolar disorder*. Paper presented at the 68<sup>th</sup> annual meeting of the Society of Biological Psychiatry, San Francisco, CA.
55. \*Young, C.B., \*Shi, S., \*Rauf, M., Parrish, T.B., & **Nusslock, R.** (May 2013). *The effect of goal-directed mood induction and mood symptoms on neural regions subserving reward and executive function*. Poster presented at the 68<sup>th</sup> annual meeting of the Society of Biological Psychiatry, San Francisco, CA.
54. \*Hu, X., \*Pornpattananangkul, N., \*Reynolds, E., & **Nusslock, R.** (April 2013). *Feedback-related negativity and reward sensitivity predict spontaneous cheating behavior*. Poster presented at the 6<sup>th</sup> annual meeting of the Social & Affective Neuroscience Society, San Francisco, CA.
53. \*Pornpattananangkul, N., \*Hu, X., \*Reynolds, E., & **Nusslock, R.** (April 2013). *Behavioral activation, inhibition, and hypomanic personality moderate neurocognitive components during an emotional Go/Nogo task*. Poster presented at the 20<sup>th</sup> annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
52. \*Hu, X., \*Pornpattananangkul, N., **Nusslock, R.**, & Bodenhausen, G.V. (January 2013). *Reward sensitivity and implicit moral self-concept predict dishonest behavior*. Poster presented at the 14<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.
51. **Nusslock, R.** (November 2012). *Relative left frontal brain activity prospectively predicts onset of first depressive episode and indexes comorbid anxiety*. Paper presented at the 46<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, National Harbor, MD.

50. **Nusslock, R.** (October 2012). *Distinct profiles of reward-related brain function in unipolar depression and bipolar disorder*. Paper presented in the “Faces of the Future” symposium at 26<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Ann Arbor, MI.
49. **Nusslock, R.** (September 2012). *Approach-related brain activation distinguishes unipolar depression and bipolar disorder*. Paper presented at the 52<sup>nd</sup> annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
48. **Nusslock, R.**, Harmon-Jones, E., Urosevic, S., Alloy, L.B., & Abramson, L.Y. (May 2012). *Dissociable profiles of relative left frontal brain activity associated with risk for unipolar depression versus bipolar disorder*. Poster presented at the 67<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Philadelphia, PA.
47. Chase, H.W., **Nusslock, R.**, Forbes, E.E., Frank, E., & Phillips, M.L. (May 2012). *Variation in bipolar symptomatology within unipolar depressed individuals predicts anticipation-related activation in the ventrolateral prefrontal cortex*. Poster presented at the 67<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Philadelphia, PA.
46. **Nusslock, R.**, Harmon-Jones, E., Alloy, L., Abramson, L., & Phillips, M.L. (September 2011). *The hypersensitive brain: Abnormalities in reward-related brain activity in bipolar disorder*. Paper presented at the 51<sup>st</sup> annual meeting of the Society for Psychophysiological Research, Boston, MA.
45. **Nusslock, R.** (September 2011). *Abnormalities in reward-related brain activity in bipolar disorder*. Paper presented at the 25<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Boston, MA.
44. Alloy, L.B., Urosevic, S., Abramson, L.Y., Jager-Hyman, S., **Nusslock, R.**, Whitehouse, W.G., & Hogan, M. (March 2011). *Progression along the bipolar spectrum: A longitudinal study of predictors of conversion from bipolar spectrum conditions to bipolar I and II disorders*. Poster presented at 101<sup>st</sup> Annual American Psychopathological Association Meeting, New York City, NY.
43. **Nusslock, R.**, Almeida, J.R.C., Forbes, E.E., Versace, A., LaBarbara, E.J., Klein, C., & Phillips, M.L. (May 2011). *Elevated striatal activity to reward-relevant cues a possible state-independent marker of bipolar disorder*. Paper presented at the 66<sup>th</sup> annual meeting of the Society of Biological Psychiatry, San Francisco, CA.
42. Salomons, T.V., **Nusslock, R.**, Detloff, A., Johnstone, T., Abramson, L.Y., & Davidson, R.J. (December 2010). *Top down mechanisms of anxiety reduction due to perceived control over pain*. Poster presented at the 1<sup>st</sup> annual International Pain Summit, Montreal, Canada.
41. **Nusslock, R.**, Almeida, J.R.C., Forbes, E.E., Versace, A., LaBarbara, E.J., Klein, C., & Phillips, M.L. (October 2010). *Waiting to win: Elevated ventral striatal activation during reward anticipation in euthymic bipolar adults*. Paper presented at the 24<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Seattle, WA.

40. Alloy, L.B., Abramson, L.Y., Urosevic, S., **Nusslock, R.**, Jager-Hyman, S., Whitehouse, W.G., & Hogan, M.E. (November 2010). *Behavioral approach system (BAS) sensitivity and impulsivity as predictors of first onset and progression of bipolar spectrum disorders*. Paper presented at the 44<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, San Francisco, CA.
39. Alloy, L.B., Abramson, L.Y., Walshaw, P.D., Gerstein, R.K., Keyser, J.D., Whitehouse, W.G., Urosevic, S., **Nusslock, R.**, Hogan, M.E., & Harmon-Jones, E. (June 2010). *Cognitive vulnerability to bipolar spectrum disorders: Behavioral approach system relevance*. Paper presented at the 6<sup>th</sup> annual World Congress of Behavioral and Cognitive Therapies convention, Boston, MA.
38. **Nusslock, R.**, Almeida, J.R.C., Forbes, E.E., Versace, A., LaBarbara, E.J., Klein, C., & Phillips, M.L. (May 2010). *Increased striatal activation during reward anticipation in euthymic bipolar adults*. Paper presented at the 65<sup>th</sup> annual meeting of the Society of Biological Psychiatry Scientific, New Orleans, LA.
37. Goldstein, K.E., **Nusslock, R.**, Black, S.K., Bender, R.E., Peterson, C.K., Harmon-Jones, E., Alloy, L.B., Whitehouse, W.G., Reilly, D., & Abramson, L.Y. (November 2009). *Resting frontal EEG abnormalities in individuals with bipolar disorder and borderline personality disorder disturbances*. Poster presented at the 43<sup>rd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.
36. **Nusslock, R.**, Abramson, L.Y., Harmon-Jones, E., Urosevic, S., Goldstein, K.E., Hogan, M.E., & Alloy, L.B. (October 2009). *Neurophysiological predictors of bipolar course and episodes*. Poster presented at the 49<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Berlin, Germany.
35. Alloy, L.B., Abramson, L.Y., Urosevic, S., **Nusslock, R.**, Jager-Hyman, S., Gerstein, R.K., Whitehouse, W.G., & Hogan, M.E. (September 2009). *Behavioral approach system (BAS) hypersensitivity and impulsivity predict first onset and progression along the bipolar spectrum*. Paper presented at the annual meeting of the Society for Research in Psychopathology meeting, Minneapolis, MN.
34. Goldstein, K.E., Bender, R.E., **Nusslock, R.**, Alloy, L.B., Black, S.K., Conner, B.T., Peterson, C.K., Harmon-Jones, E., Kleiman, E., Whitehouse, W.G., & Abramson, L.Y. (September 2009). *Frontal EEG asymmetry in individuals with bipolar spectrum disorders as a predictor of substance and alcohol use problems*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Minneapolis, MN.
33. Alloy, L.B., Abramson, L.Y., Walshaw, P.D., Gerstein, R.K., Keyser, J.D., Whitehouse, W.G., Urosevic, S., **Nusslock, R.**, Hogan, M.E., & Harmon-Jones, E. (June 2009). *Behavioral approach system (BAS) – relevant cognitive styles: A unique profile in bipolar spectrum disorders*. Poster presented at the 8<sup>th</sup> International Conference on Bipolar Disorder, Pittsburgh, PA.
32. **Nusslock, R.**, Almeida, J.R.C., Forbes, E.E., LaBarbara, E.J., & Phillips, M.L. (June 2009). *Increased right ventrolateral prefrontal activation during anticipation of reward related stimuli among bipolar euthymic adults*. Poster presented at the 8<sup>th</sup> International Conference on Bipolar Disorder, Pittsburgh, PA.

31. **Nusslock, R.**, Almeida, J.R.C., Forbes, E.E., LaBarbara, E.J., & Phillips, M.L. (May 2009). *Bipolar euthymic individuals display increased right ventrolateral prefrontal activation during anticipation of reward related stimuli*. Poster presented at the 64<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Vancouver, Canada.
30. **Nusslock, R.**, Urosevic, S., Abramson, L.Y., Alloy, L.B., & Hogan, M.E. (November 2008). *Bipolar spectrum disorders and behavioral approach system (BAS) activating and deactivating events*. Paper presented at the 42<sup>nd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Orlando, FL.
29. Harmon-Jones, E., Abramson, L.Y., **Nusslock, R.**, Sigleman, J.D., Urosevic, S., Turonie, L., Alloy, L.B., & Fearn, M. (November 2008). *Bipolar disorder and left frontal cortical responses to goals differing in valence and task difficulty*. Paper presented at the 42<sup>nd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Orlando, FL.
28. Alloy, L.B., Abramson, L.Y., Walshaw, P.D., Gerstein, R.K., Keyser, J.D., Whitehouse, W.G., Urosevic, S., **Nusslock, R.**, Hogan, M.E., & Harmon-Jones, E. (November 2008). *Bipolar spectrum disorders and behavioral approach system (BAS) – relevant cognitive styles: Concurrent and prospective associations*. Paper presented at the 42<sup>nd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Orlando, FL.
27. Alloy, L.B., Abramson, L.Y., Walshaw, P.D., Sylvia, L.D., Cogswell, A., Hughes, M.E., Iacoviello, B.M., Whitehouse, W.G., Urosevic, S., **Nusslock, R.**, & Hogan, M.E. (November 2008). *Prospective prediction of bipolar episodes by behavioral approach system (BAS) and behavioral inhibition system (BIS) sensitivities*. Paper presented at the 42<sup>nd</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Orlando, FL.
26. **Nusslock, R.**, Shackman, A.J., McMenamin, B.W., Greischar, L.L., Kovacs, M., & Davidson, R.J. (October 2008). *Anxiety moderates relations between frontal EEG alpha asymmetry and depression*. Poster presented at the 48<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Austin, TX.
25. **Nusslock, R.**, Harmon-Jones, E., Shackman, A.J., Abramson, L.Y., Goldstein, K.E., & Alloy, L.B. (September 2008). *Frontal brain asymmetry predicts cognitive style in the achievement domain among bipolar spectrum individuals*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Pittsburgh, PA.
24. Goldstein, K.E., Peterson, C.K., Harmon-Hones, E., Alloy, L.B., Kleiman, E., **Nusslock, R.**, Reilly, D., Abramson, L.Y., & Whitehouse, W.G. (September 2008). *Cognitive style and frontal EEG asymmetry during increased goal-striving in bipolar disorder*. Poster presented at the 48<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Austin, TX.
23. Alloy, L.B., Abramson, L.Y., Walshaw, P.D., Gerstein, R.K., Keyser, J.D., Whitehouse, W.G., Urosevic, S., **Nusslock, R.**, Hogan, M.E., & Harmon-Jones, E. (May 2008). *Behavioral approach system (BAS) – relevant cognitive styles and bipolar spectrum disorders: Concurrent and prospective associations*. Paper presented at the 20<sup>th</sup> annual meeting of the Association for Psychological Science, Chicago, IL.

22. Harmon-Jones, E., Abramson, L.Y., **Nusslock, R.**, Sigleman, J.D., Urosevic, S., Turonie, L., Alloy, L.B., & Fearn, M. (May 2008). *Effect of bipolar disorder on left frontal cortical responses to goals differing in valence and task difficulty*. Paper presented at the 20<sup>th</sup> annual Association for Psychological Science Convention, Chicago, IL.
21. Urosevic, S., **Nusslock, R.**, Abramson, L.Y., Alloy, L.B., & Hogan, M.E. (May 2008). *Relationship between bipolar spectrum disorders and behavioral approach system (BAS) activating and deactivating events*. Paper presented at the 20<sup>th</sup> annual meeting of the Association for Psychological Science, Chicago, IL.
20. Alloy, L.B., Abramson, L.Y., Walshaw, P.D., Gerstein, R.K., Keyser, J.D., Whitehouse, W.G., Urosevic, S., **Nusslock, R.**, Hogan, M.E., & Harmon-Jones, E. (March 2008). *Behavioral approach system (BAS) – relevant cognitive styles and bipolar spectrum disorders: Concurrent and prospective associations*. Paper presented at the 98<sup>th</sup> annual meeting of the American Psychopathological Association, New York City, NY.
19. Urosevic, S., **Nusslock, R.**, Jager-Hyman, S., Abramson, L.Y., & Alloy, L.B. (November 2007). *Progression from cyclothymia/bipolar II disorder to bipolar I disorder: A prospective study*. Poster presented at the 41<sup>st</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
18. Urosevic, S., Abramson, L.Y., Alloy, L.B., Hogan, M.E. & **Nusslock, R.** (October 2007). *Bipolar disorder related to increased behavioral approach system activation and deactivation relevant events*. Poster presented at the 21<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Iowa City, Iowa.
17. **Nusslock, R.**, Shackman, A.J., Greischar, L.L, McMenamin, B.W., Kovacs, M. & Davidson, R.J. (October 2007). *Frontal EEG alpha asymmetry in depression: The role of clinical state and emotion regulation*. Paper presented at the 47<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Savannah, GA.
16. Harmon-Jones, E., Abramson, L.Y., **Nusslock, R.**, Sigleman, J.D., Urosevic, S., Turonie, L., Alloy, L.B., & Fearn, M. (October 2007). *Effect of bipolar disorder on left frontal cortical responses to goals differing in valence and task difficulty*. Paper presented at the 47<sup>th</sup> Annual Society for Psychophysiological Research Convention, Savannah, GA.
15. Salomons, T.V., **Nusslock, R.**, Detloff, A., Johnstone, T., Backonja, M.M., Abramson, L.Y., & Davidson, R.J. (2007 October). *Neural correlates of human helplessness*. Poster presented at the 47<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Savannah, GA.
14. Alloy, L.B., Abramson, L.Y., Walshaw, P.D., Cogswell, A., Grandin, L.D., Hughes, M.E., Iacoviello, B.M., Whitehouse, W.G., Keyser, J.D., Urosevic, S., **Nusslock, R.**, & Hogan, M.E. (June 2007). *Behavioral approach system (BAS) and behavioral inhibition system (BIS) sensitivities and bipolar spectrum disorders: Prospective prediction of bipolar mood episodes*. Paper presented at the 7<sup>th</sup> annual International Conference on Bipolar Disorder, Pittsburgh, PA.



13. Alloy, L.B., Abramson, L.Y., Walshaw, P.D., Cogswell, A., Grandin, L.D., Hughes, M.D., Iacoviello, B.M., Whitehouse, W.G., Keyser, J.D., Urosevic, S., **Nusslock, R.**, & Hogan, M.E. (March 2007). *Behavioral approach system (BAS) and behavioral inhibition system (BIS) sensitivities predict onset of bipolar mood episodes*. Paper presented at the 97<sup>th</sup> annual meeting of the American Psychopathological Association, New York, NY.
12. **Nusslock, R.**, Abramson, L.Y., Alloy, L.B., & Hogan, M.E. (November 2006). *Impairment in the achievement domain in bipolar spectrum disorders: Role of behavioral approach system (BAS) hypersensitivity and impulsivity*. Poster presented at the 40<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
11. **Nusslock, R.**, Coan, J.A., Abramson, L.Y., Harmon-Jones, E., & Curtin, J. (September 2006). *Is high left pre-frontal brain activity always a good thing*. Poster presented at the 46<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Vancouver, British Columbia.
10. **Nusslock, R.**, Coan, J.A., Shackman, A.J., Abramson, L.Y., Harmon-Jones, E., Alloy, L.B., & Hogan, M.E. (September 2006). *Frontal EEG asymmetry predicts cognitive vulnerability to depression*. Poster presented at the 46<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Vancouver, British Columbia.
9. **Nusslock, R.**, Coan, J.A., Abramson, L.Y., Harmon-Jones, E., & Curtin, J. (September 2006). *The relation between relative left frontal brain activity and cognitive vulnerability to depression*. Poster presented at the 20<sup>th</sup> annual meeting of the Society for Research in Psychopathology, San Diego, CA.
8. Walshaw, P.D., Cogswell, A., Urosevic, S., **Nusslock, R.**, Alloy, L.B., & Abramson, L.Y. (November 2005). *Prospective evaluation of behavioral approach system (BAS) dysregulation and bipolar spectrum disorders*. Paper presented at the 40<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Washington, DC.
7. **Nusslock, R.**, Abramson, L.Y., Harmon-Jones, E., Alloy, L.B., & Hogan, M.E. (October 2005). *A goal-striving life event and the onset of bipolar episodes: Perspective from the behavioral approach system (BAS) dysregulation theory*. Poster presented at the 19<sup>th</sup> annual meeting of the Society for Research in Psychopathology, Miami, FL.
6. **Nusslock, R.** (April 2004). *The resting brain: Baseline activity and emotional processing in the human brain*. Discussant for Marcus E. Raichle. Tenth Annual Wisconsin Symposium on Emotion, Madison, WI.
5. **Nusslock, R.** (April 2004). *Emotion, emotion regulation, and affective style: Perspectives from affective neuroscience*. Discussant for Richard J. Davidson, Tenth Annual Wisconsin Symposium on Emotion, Madison, WI.
4. LeBuffe, P., Soldivera-Kiesling, S., & **Nusslock, R.** (October 2000). *Reducing the risk of suicide in residential treatment*. Paper presented at the 44<sup>th</sup> annual meeting of the American Association of Children's Residential Center, Chicago, IL.
3. **Nusslock, R.** (August 2000). *Suicide risk reduction: A model for behavioral health care providers*. Poster presented at the 107<sup>th</sup> annual meeting of the American Psychological Association, Washington D.C.

2. LeBuffe, P., **Nusslock, R.**, & Lynch, J. (May 2000). *Assessment and management of suicide in individuals with mental retardation: Best practices for providers*. Paper presented at the 124<sup>th</sup> annual meeting of the American Association of Mental Retardation's, Washington D.C.
1. LeBuffe, P., Soldiver-Kiesling, S., & **Nusslock, R.** (May 2000). *Best practices for suicide risk management in treatment organizations*. Half-day workshop presented at the Finding Better Ways Conference, Philadelphia, PA.

## INVITED TALKS/COLLUQUIA

- 2024 Loyola University, Second Annual College of Arts and Sciences Interdisciplinary Symposium on Science and Society, Chicago, IL.
- 2024 Juliet E. Shield Symposium, Emory University, Atlanta, GA.
- 2024 University of Minnesota, Institute for Child Development Colloquium, Minneapolis, MN.
- 2024 University of Wisconsin-Madison, Center for Healthy Minds Colloquium, Madison, WI.
- 2024 Investigating the Impacts of Contemplative Practice, International conference hosted by the Dalai Lama Trust and Emory University, Dharamshala, India
- 2024 University of Denver, Psychology Department, Clinical Colloquium, Denver, CO.
- 2024 Northwestern University, Institute for Public Health and Medicine Colloquium, Chicago, IL.
- 2024 Northwestern University, Neurobiology Department Colloquium, Evanston, IL
- 2023 Ryan Licht-Sang Bipolar Foundation 15<sup>th</sup> Annual Medical Briefing, Chicago, IL.
- 2023 Mind & Life Institute, Plenary Faculty for Summer Research Institute on Trauma, Resilience, and Flourishing, Garrison, NY.
- 2023 University of Southern California (USC), Department of Social Work, Neuroimaging Workshop, Pasadena, CA.
- 2023 University of Illinois College of Medicine, Department of Cancer Biology and Pharmacology Colloquium, Peoria, IL
- 2022 SEE Learning: A Worldwide Initiative for Educating the Heart and Mind, International conference hosted by the Dalai Lama Trust and Emory University, Dharamshala, India
- 2022 University of Pennsylvania, SES Neuroscience Network Colloquium, Philadelphia, PA.
- 2021 International Symposium on the Study of Self-Regulation, Discussant for Plenary Session, Sponsored by the University of Edinburgh, UK and the Instituto Universitario CEMIC, Buenos Aires, Argentina
- 2021 Family Weekend Invited Speaker, Office of the Dean of Students, Northwestern University, Evanston, IL.
- 2021 University of Maryland, Psychology Department, Clinical Colloquium, College Park, MD.

- 2021 Juliet E. Shield Symposium, Invited Speaker, Emory University, Atlanta, GA.
- 2021 Emory University, Center for Contemplative Science and Compassion-Based Ethics Colloquium, Atlanta, GA
- 2021 Society for Prevention Research (SPR), Plenary Speaker, virtual meeting.
- 2021 UCLA, Cousins Center for Psychoneuroimmunology, Cousins Lecture Series, Los Angeles, CA
- 2020 Northwestern University, Neurobiology Department Colloquium, Evanston, IL
- 2020 Fasano Associates, Fasano Longevity Conference, Washington DC
- 2020 Lake Forest College, Psychology and Neuroscience Department Colloquium, Lake Forest IL.
- 2020 Association for Psychological Science (APS), Invited Speaker, Chicago, IL.
- 2019 University of North Carolina at Chapel Hill, Chapel Hill Conference on Depression, Bipolar Disorder, and Suicidality, Chapel Hill, NC.
- 2019 University of Wisconsin-Madison, Psychology Department, Clinical Colloquium, Madison, WI.
- 2019 Ryan Licht-Sang Bipolar Foundation 13<sup>th</sup> Annual Medical Briefing, Chicago, IL.
- 2018 Rush University Medical Center, Psychiatry Department, Grand Rounds, Chicago, IL.
- 2018 Vanderbilt University, Psychology Department, Clinical Colloquium, Nashville, TN.
- 2018 University of Maryland, Psychology Department, Future Directions Forum, College Park, MD.
- 2017 Association for Psychological Science (APS), Invited Speaker, San Francisco, CA.
- 2016 Ryan Licht-Sang Bipolar Foundation 10<sup>th</sup> Annual Medical Briefing, Chicago, IL.
- 2015 Ryan Licht-Sang Bipolar Foundation 9<sup>th</sup> Annual Medical Briefing, Palm Beach, FL.
- 2015 Yale University, Psychology Department, Clinical Colloquium, New Haven, CA.
- 2014 Ryan Licht-Sang Bipolar Foundation 8<sup>th</sup> Annual Medical Briefing, Chicago, IL.
- 2014 University of Illinois-Chicago, Psychology Department, Clinical Colloquium, Chicago, IL.
- 2014 University of Illinois-Chicago, Cognitive Neuroscience Colloquium, Chicago, IL.
- 2013 Lake Forest College, Psychology Department Colloquium, Lake Forest, IL.
- 2013 Bradley University, Psychology Department Colloquium, Peoria, IL.
- 2012 Purdue University, Psychology Department, Clinical Colloquium, West Lafayette, IN.
- 2012 Mental Health America of Wisconsin Annual Convention, Milwaukee, Wisconsin
- 2012 Illinois Science Foundation Brain Series, Chicago Illinois
- 2010 Northwestern University, Psychiatry Department, Grand Rounds, Chicago, IL.

2008 Northwestern University, Psychology Department Colloquium, Evanston, IL

2007 William S. Middleton Memorial Veterans Hospital, Psychiatry Grand Rounds, Madison, WI.

## TEACHING

### *Northwestern University*

2020-present Instructor, The Social-Emotional Brain (Graduate Level Course)  
 2016-present Instructor, Introduction to Neuroscience (Undergraduate Level Course)  
 2016-2018 Faculty Sponsor, Neuroscience of College  
 2012-2020 Instructor, Clinical Research Methods (Graduate Level Course)  
 2011-present Instructor, The Emotional Brain (Undergraduate Level Course)  
 2011-2016 Instructor, Psychology of Personality (Undergraduate Level Course)

### *Invited Lectures at Northwestern University*

2022-present Cognitive Neuroscience Module on Affect, Motivation and Learning, Northwestern University Interdepartmental Neuroscience (NUIN) Program (NUIN 401-3)  
 2018-present Cellular and Molecular Mechanisms of Information Storage, Northwestern University Interdepartmental Neuroscience (NUIN) Program (NUIN-470)  
 2017-present Neurobiology 402, Neurobiology Master's Program  
 2016-present Advanced Management Program, Kellogg Business School  
 2015 SPARK Speaker Series, Kellogg Business School  
 2015-present Leading into the Future Speaker Series, Kellogg Business School  
 2014-present Fundamentals of Neuroscience, Interdepartmental Neuroscience Program

### *University of Wisconsin-Madison*

2003-2008 Instructor, Problems in Clinical Psychology (Undergraduate Level Course)  
 2008 Teaching Assistant, Introduction to Statistics (Undergraduate Level Course)  
 2007 Teaching Assistant, Introduction to Psychology (Undergraduate Level Course)  
 2006 Teaching Assistant, Abnormal Psychology (Undergraduate Level Course)

## MENTORING/ADVISING (Northwestern University)

### *Graduate Student Committee Membership*

Deepika Anand (Master's Committee; Qualifying Exam Committee), Zach Anderson (Master's Committee, Chair; Qualifying Exam Committee, Chair; Dissertation Committee, Chair); Casey Armstrong (Master's Committee, Chair; Qualifying Exam Committee, Chair; Dissertation Committee, Chair), Sam Barnett (Dissertation Committee), Daria Boratyn (Dissertation Committee), Ellyn Butler (Qualifying Exam Committee, Chair), Ann Carrol (Master's Committee, Chair; Qualifying Exam Committee, Chair; Dissertation Committee, Chair), Anna Cichocki (Master's Committee, Chair; Qualifying Exam Committee, Chair; Dissertation Committee, Chair), David Condon (Master's Committee, Dissertation Committee), Keith Cox (Qualifying Exam Committee, Chair; Dissertation Committee), Katherine Damme (Master's Committee, Chair; Qualifying Exam Committee, Chair; Dissertation Committee, Chair), Daniel Dickson (Dissertation Committee), Donnisa Edmonds (Qualifying Exam; Dissertation Committee); Kathryn Gigler (Master's Committee, Qualifying Exam Committee; Dissertation Committee), James Glazer (Master's Committee, Chair; Qualifying Exam Committee, Chair; Dissertation Committee, Chair), Evan Grandoit (Master's Committee), Tina Gupta (Master's Committee), Osnat Harari (Dissertation Committee), Lisa Hechtman (Master's Committee; Qualifying Exam Committee), Kathrin Herzhoff (Qualifying Exam Committee), Ashley Kendall (First-

Year Project Committee; Second Year Project Committee), Amanda Kramer (Dissertation Committee), Brian Kraus (Master's Committee; Qualifying Exam Committee; Dissertation Committee), Alison Lewis (Dissertation Committee), Liu Huiting (Dissertation Committee), Nehjla Mashal (Qualifying Exam Committee; Dissertation Committee), Mia Nunez (Qualifying Exam Committee; Dissertation Committee), Juston Osborne (Qualifying Exam), Diane Perez (Dissertation Committee). Narun Pornpattanakul (Master's Committee; Qualifying Exam Committee; Dissertation Committee, Chair), Alexis Porter (Qualifying Exam Committee; Dissertation Committee), Chivon Powers (Dissertation Committee), Kathleen Reardon (Dissertation Committee), Ben Reuveni (Qualifying Exam Committee), Meghan Quinn (Qualifying Exam Committee; Dissertation Committee), Antonio Santa Cruz (Qualifying Exam Committee), Peigan Shu (Qualifying Exam Committee), Jennifer Sumner (Dissertation Committee), David Sylva (Dissertation Committee), Michael Tennekoon (Dissertation Committee), Kelsey Thompson (Qualifying Exam Committee), Michael Vanderlind (Master's Committee), Iliana Vargas (Qualifying Exam Committee), Keegan Walden (Master's Committee; Qualifying Exam Committee; Dissertation Committee, Chair), Joshua Wilt (Dissertation Committee), Josset Yabrough (Qualifying Exam Committee), Christina Young (Master's Committee, Chair; Qualifying Exam Committee, Chair; Dissertation Committee, Chair), Dasha Zabelina (Dissertation Committee).

### ***Grants Awarded to Mentored Graduate Students***

(Pending). (E. Butler). *Sex differences in response to threat: Role of the salience network in the development of depression across adolescence*. National Institute of Mental Health (NIMH) F31 MH140552. Direct Costs Requested: \$101,265. Proposed dates: 4/1/2025 – 3/31/2027. (Impact Score = 22; Percentile = 5. We have been informed that this grant will be funded).

Katharina Seitz (2024). *The Gut-Brain-Axis as a Pathway from Early Life Stress to Emotion Dysregulation*. National Science Foundation (NSF) Graduate Research Fellowship Program. Direct Costs: \$111,000. *Status*: Active. 2024-2027.

Ellyn Butler (2022). *Delineating Neuroimmune Mechanisms of Emotion Dysregulation in Maltreated Youth*. National Science Foundation (NSF) Graduate Research Fellowship Program. Direct Costs: \$105,890. *Status*: Active. 2022-2025.

James Glazer (2016). *Relationship between reward-related neural activation and delay-discounting tendencies*. National Science Foundation (NSF) Graduate Research Fellowship Program. Direct Costs: \$90,000. *Status*: Completed. 2016-2018.

Christina Young (2014). *Examining Structural Neuroplasticity in Human Brain White Matter*. National Science Foundation (NSF) Graduate Research Opportunities Worldwide (GROW) Grant. Direct Costs: \$24,000. *Status*: Completed. 2014-2015.

Xiaoqing Hu (2013). *The Influence of Experienced Gain/Loss and Regulatory Focus on (Un)ethical Behavior and its Neural Mechanisms*. Dispute Resolution Research Center, Kellogg School of Management, Northwestern University. Direct Costs: \$2,800.

Narun Pornpattanakul (2013). *Motivated to Win: The Neural Influence of Monetary Reward at different Stages of Action Monitoring*. Northwestern Graduate Research Grant. Direct Costs: \$1,750.  
Keegan Walden (2013). *Individual Differences in Anger: An Electroencephalography (EEG) Study*. Northwestern Graduate Research Grant. Direct Costs: \$2,250.

Christina Young (2012). *Happy to Win: The Effect of Positive Mood Induction on the Temporal Neural Processes of Reward-Based Learning*. National Science Foundation (NSF) Graduate Research Fellowship Program. C. Young (PI). Direct Costs: \$90,000. Status: Completed. 2012-2015.

Narun Pornpattanakul (2012). *Individual Differences in Reward Sensitivity: An Electro-Physiological Study*. Northwestern Graduate Research Grant. Direct Costs: \$1,500.

### ***Awards Won by Mentored Students***

Jeanette Akuamoah, Top poster award at Northwestern University's Neuroscience Summer Research Symposium (2017)

Katherine Damme, Society of Biological Psychiatry's Predoctoral Scholar Award (2016)

Katherine Damme, Honorable mention for the National Science Foundation (NSF) Graduate Research Fellowship Program (2014)

Sam Reznik, Honorable mention for the William Hunt Award for Top Honors Thesis, Department of Psychology (2014)

Ellen Reynolds, William Hunt Award for Top Honors Thesis, Department of Psychology (2012)

### **EDITORIAL POSITIONS**

2021-present	Editorial Board, <i>Biological Psychiatry: Global Open Science</i>
2021-2022	Editor for special issue on affective neuroscience and poverty, <i>Journal of Cognitive Neuroscience</i>
2019-2021	Guest Associate Editor, <i>Journal of Psychopathology and Clinical Science</i> (formally <i>Journal of Abnormal Psychology</i> )
2018	Guest Action Editor, eLife
2015-2017	Editor for special issue on emotion and frontal brain asymmetry, <i>Psychophysiology</i>
2013-present	Consulting Editor, <i>Cognition and Emotion</i>
2012-present	Editorial Board, <i>Journal of Psychopathology and Clinical Science</i> (formally <i>Journal of Abnormal Psychology</i> )

### **Ad Hoc Grant Reviewer**

Social and Environmental Determinants of Health Study Section, NIH, 2025

Addiction Risks and Mechanisms Study Section, NIH, 2023

Bidirectional Influences between Adolescent Social Media Use and Mental Health Study Section (Special Emphasis Panel), NIH, 2023

Social Disconnection and Suicide Risk in Late Life Study Section (Special Emphasis Panel), NIH, 2023

Research on Psychosocial Factors of Social Connectedness and Isolation on Health, Well-Being, Illness, and Recovery Study Section, (Special Emphasis Panel), NIH, 2020

Developmental Sciences Program, National Science Foundation (NSF), 2018

Cognitive Neuroscience Program, National Science Foundation (NSF), 2018

Emotion, Substance Use, and Psychopathology Study Section (Special Emphasis Panel), NIH, 2017

Integrating Biology and Social Science Knowledge Initiative, Russell Sage Foundation, 2017, 2018

Adult Psychopathology and Disorders of Aging Study Section, NIH, 2017

Child Psychopathology and Developmental Disabilities Study Section, NIH, 2017

Cochrane Depression, Anxiety and Neurosis Group, United Kingdom, 2013  
 Medical Research Council (MRC), United Kingdom, 2012  
 Institute for Mental Health Research, United States, 2012  
 Neurological Foundation of New Zealand, 2011

## **Book Reviewer**

Sinauer Associates, Inc., Publishers, 2011

## **SERVICE**

### ***Northwestern University***

2024-Present	Director of Clinical Training, Department of Psychology, Northwestern University
2024-Present	Reviewer of Executive Committee Renewals, Institute for Policy Research, Northwestern University
2024-Present	Faculty Sponsor, American Foundation for Suicide Prevention, Northwestern University Chapter
2023-Present	Executive Committee, Institute for Policy Research, Northwestern University
2023-2024	Promotion and Tenure Committee, Northwestern University
2023-2023	Faculty Search Committee, Department of Psychology, Northwestern University
2023-2023	Program Committee, Cognitive Science Program, Northwestern University
2023-2023.	Curricular Review Committee, Northwestern University
2022-2023	Chair, Colloquium Committee, Department of Psychology, Northwestern University
2022-Present	Personnel Committee, Department of Psychology, Northwestern University
2019-2020	Ad Hoc Promotion and Tenure Committee, Northwestern University
2019-2020	Chair, Mind and Society Symposium Committee, Northwestern University
2019-2021	Chair, Personnel Committee, Department of Psychology, Northwestern University.
2018-2022	Curricular Policies Committee, Northwestern University
2017-Present	Neuroscience Faculty Advisory Board, Northwestern University
2017	Departmental Tenure and Promotion Committee, Department of Psychology, Northwestern University
2017	Lecturer Search Committee, Department of Neurobiology, Northwestern University
2016-2017	Chair, Assistant Professor Faculty Search Committee, Department of Psychology, Northwestern University
2016-2018	Personnel Committee, Department of Psychology, Northwestern University.
2016	University Committee on Clinical Psychology Graduate Programs, Northwestern University
2015	Assistant Professor and Open Rank Faculty Search Committee, Department of Psychology, Northwestern University
2015-present	Neuroscience Major Faculty Advisory Board, Northwestern University
2015-2017	Undergraduate Research Grant Review Committee, Northwestern University
2015-2016	Faculty Sponsor, Student Organized Seminar in Neuroscience, Northwestern University
2014	Assistant Professor Faculty Search Committee, Department of Psychology, Northwestern University
2014	Mind and Society Symposium Committee, Northwestern University
2013-present	Faculty Mentor, Neurobiology of Information Storage Training Program (NISTP), Northwestern University
2011-Present	Faculty Sponsor, Active Minds, Northwestern University Chapter

2011	Mind and Society Symposium Committee, Northwestern University
2011-2013	Executive Committee, Department of Psychology, Northwestern University
2011	Faculty Search Committee, Department of Psychology, Northwestern University

### ***Extramural Service***

2021-Present	Advisory Committee, Juliet Shield Symposium on Compassion, Emory University
2021-Present	Director of Research, Dalai Lama's Compassion Shift Initiative (with support from the Rob and Melani Walton Foundation).
2021-Present	Secretary, Society for Research in Psychopathology
2019-Present	Mapping Advances in Prevention Science (MAPS) Taskforce, Society for Prevention Research
2019-Present	Co-Director, Research Training Program, Emory-Tibet Science Initiative
2018-Present	Chronobiology and Chronotherapeutic Treatment of Bipolar Disorders Task Force, International Society of Bipolar Disorders
2018-Present	Program Committee, Society of Biological Psychiatry
2018-2019	John Neale Mentorship Award Committee, Society for Research in Psychopathology
2016-Present	Executive Committee, Society for Research in Psychopathology
2014-2015	Program Chair, 29 <sup>th</sup> Annual Meeting of the Society for Research in Psychopathology
2013-2014	Program Committee, 28 <sup>th</sup> Annual Meeting of the Society for Research in Psychopathology
2011-Present	Medical Committee, Ryan Licht Sang Bipolar Foundation
2011-2013	Society for Psychophysiological Research- Chair, Early Career Workshop
2010-Present	Medical Advisory Board, Charles E. Kubly Foundation for Depression Awareness
2010-Present	International Professional Advisor, MDF Bipolar Organization, United Kingdom
2006-2012	Society for Psychophysiological Research–Student Committee Member
2008-2009	Psychotherapy Training Committee, University of Pittsburgh Medical Center

### **PROFESSIONAL SOCIETY MEMBERSHIP**

Psychoneuroimmunology Research Society  
 Society of Biological Psychiatry  
 Association for Psychological Science  
 Society for a Science of Clinical Psychology  
 Society for Psychophysiological Research  
 Society for Research in Psychopathology

### **CLINICAL TRAINING**

2008-2010	Department of Psychiatry, Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center (APA approved Clinical Psychology Internship)
2007-2008	Department of Neuropsychology, Medical College of Wisconsin & Froedtert Memorial Lutheran Hospital
2004-2008	Psychology Clinic, Department of Psychology, University of Wisconsin – Madison
2006-2007	Mental Health Outpatient Clinic, William S. Middleton Memorial Veterans Hospital
2005-2006	Wisconsin Psychiatric Institute and Clinics, University of Wisconsin Medical School



April 18, 2025

Nusslock 49

2005-2005 Child and Adolescent Inpatient Treatment Unit, Mendota Mental Health Institute,  
Madison WI