

Luke Williamson Hyde, PhD

Address:	2229 East Hall 530 Church Street Ann Arbor, MI 48109	E-mail:	LukeHyde@umich.edu
		Telephone:	(734) 736-4132
		Web:	https://sites.lsa.umich.edu/mindlab/

Academic Positions

University of Michigan, Ann Arbor, MI

Professor, Department of Psychology	2022 – present
Associate Professor (with tenure), Department of Psychology	2018 – 2022
Assistant Professor, Department of Psychology	2012 – 2018

Chair, Clinical Science Area, Department of Psychology	2022 – 2024
--	-------------

<i>Faculty Expert</i> – Poverty Solutions Center	2020 – present
<i>Faculty Associate</i> – Survey Research Center, Institute for Social Research	2013 – present
<i>Member</i> – BioSocial Methods Collaborative, Institute for Social Research	2013 – present
<i>Visiting Professor (University Guest – Academic)</i> – University of Melbourne	2024 – 2025
<i>Member</i> – Center for Human Growth and Development	2017 – 2020
<i>Research Assistant Professor</i> – Center for Human Growth & Development	2013 – 2017
<i>Adjunct Faculty</i> – Department of Psychology, Michigan State University	2013 – 2015

Licensure: State of Michigan – Licensed Clinical Psychologist License #6301015345	2014 – present
---	----------------

Education

Western Psychiatric Institute and Clinics, Pittsburgh, PA Clinical Psychology Intern	2011 – 2012
--	-------------

University of Pittsburgh, Pittsburgh, PA	2005 – 2012
• Ph.D. Clinical and Developmental Psychology	2012
○ Dissertation: <i>The development of antisocial behavior – genes, brain, and environment as direct and interactive predictors of antisocial behavior from early childhood to early adulthood.</i>	
○ Committee: Daniel S. Shaw (Chair), Susan B. Campbell, Erika E. Forbes, Ahmad R. Hariri, Stephen B. Manuck	

• M.S. Clinical and Developmental Psychology	2007
--	------

Center for the Neural Basis of Cognition University of Pittsburgh and Carnegie Mellon University, Pittsburgh PA	2007 – 2012
• Concentration in Cognitive Neuroscience	

Williams College, Williamstown, MA B.A. <i>Cum Laude</i>	1999 - 2003 2003
--	---------------------

Honors and Awards

2024	Service to SPR Award , Society for Prevention Research
2020	Fellow , Association for Psychological Science
2020	Janet Taylor Spence Award for Transformative Early Career Contributions , Association for Psychological Science.
2020	Distinguished Scientific Award for Early Career Contributions to Psychology , American Psychological Association
2019	David Shakow Early Career Award for Distinguished Scientific Contributions in Clinical Psychology , Division 12 (Society of Clinical Psychology), American Psychological Association.
2019	Jevon S. Newman Early Career Award , Society for the Scientific Study of Psychopathy
2018	Early Career Award , Society for Research in Psychopathology
2018	NARSAD Young Investigator Award , Brain and Behavior Foundation
2017	Boyd McCandless Award , Division 7 (Developmental Psychology), American Psychological Association
2016	The Conway Family Award for Excellence in Neuroscience , Avielle Foundation
2015	“Rising Star” by the Association for Psychological Science
2012	Robert Wood Johnson Health and Society Scholars Fellowship (declined)
2011	Bassell Student Award , Clinical Psychology Program, University of Pittsburgh
2010, 2011, 2012	Bassell Student Publication Award , Clinical Psychology Program, Department of Psychology, University of Pittsburgh
2009 – 2010	Andrew Mellon Graduate Fellowship , University of Pittsburgh
2009	Training Fellowship : 2009 International Summer School - Society for Research on Adolescence/European Association for Research on Adolescence; Vancouver, BC
2009, 2011	Student Travel Award – Society for Research in Child Development (SRCD)
2007 – 2009	Predoctoral Training Fellowship in Behavioral Brain Research (B ²) - Center for the Neural Basis of Cognition/University of Pittsburgh, NIGMS T-32 fellowship.
2008, 2009	Health Emotions Research Institute Symposium Fellowship , University of Wisconsin
2007	National Science Foundation Graduate Research Fellowship – Honorable Mention

Publications

Peer Reviewed Articles

(*Denotes corresponding author; Mentee/student co-authors are underlined)

165. Tomlinson, R. C., Weigard, A., Sripada, C., Jonides, J., Klump, K. L., Burt, S. A., & ***Hyde, L. W.** (in press). Efficiency of Evidence Accumulation as a Formal Model-Based Measure of Task-General Executive Functioning in Adolescents. *Journal of Psychopathology and Clinical Science*.
164. Suarez, G.L., Bezek, J.L., Westerman, H.B., Hanson, J.L., Klump, K.L., Burt, S.A., & ***Hyde, L.W.** (2025). Structural Brain Correlates of Multi-Domain Resilience Among Youth Exposed to Neighborhood Disadvantage. *Biological Psychiatry: Global Open Science*, 100550.
163. Burt, S.A., Carroll, S. Clark, S.L., Klump, K.L., & **Hyde L.W.** (in press). Temporal change in the prevalence and etiology of youth antisocial behavior. *Journal of Psychopathology and Clinical Science*.
162. Schuurmans, I.K., Mulder, R.H., Baltramonaityte, V., Lahtinen, A., Qiuyu, F., Melo Rothmann, L.,...**Hyde, L.W.**,...Walton, E., & Cecil, C.A. (in press). Consortium Profile: The Methylation, Imaging and NeuroDevelopment (MIND) Consortium. *Molecular Psychiatry*.
161. Michael, C., Taxali, A., Angstadt, M., McCurry, K. L., Weigard, A., Kardan, O., Molloy, M. F., Toda-Thorne, K., Burchell, L., Dziubinski, M., Choi, J., Vandersluis, M., **Hyde, L. W.**, Heitzeg, M. M., & Sripada, C. (In Press). Somatomotor disconnection links sleep duration with socioeconomic context, screen time, cognition, and psychopathology. *Biological Psychiatry: Global Open Science*, 5, 100522. doi: 10.1016/j.bpsgos.2025.100522
160. Kardan, O., Jones, N., Wheelock, M. D., Angstadt, M., Michael, C., Molloy, M. F., Tu, J. C., Cope, L. M., Martz, M. E., McCurry K. L., Hardee, J. E., Rosenberg, M. D., Weigard, A. S., **Hyde, L. W.**, Sripada, C. S., & Heitzeg, M. M. (2025) Assessing neurocognitive maturation in early adolescence based on baby and adult functional brain landscapes. *Developmental Cognitive Neuroscience*, 73, 101543. DOI: 10.1016/j.dcn.2025.101543
159. Laurent, S.E., Malcoe, L.H., Laestadius, L., Mitchell, C., **Hyde, L.W.**, Monk, C.S., & Meier, H.C.S. (2025). Historic structural racism and perceived stress in adolescents. *Journal of Adolescent Health*, 76, 935-938. doi: 10.1016/j.jadohealth.2025.01.014
158. Shewark, E.A., Vazquez, A.Y., **Hyde, L.W.**, Klump, K.L., & Burt, S.A. (2025). Both stressors and positive offsets moderated the etiology of mothers' parenting during the pandemic. *Developmental Psychology*. doi: 10.1037/dev0001930
157. Suarez, G.L., Shaw, D.S., Wilson, M.N., Lemery-Chalfant, K., & ***Hyde, L.W.** (2024). Inhibitory control in late childhood as a predictor of antisocial behavior in adolescence and the role of social context. *Prevention Science*. DOI: 10.1007/s11121-024-01754-y
156. #Wu, K.C., #Hong, S., Cross, F., Sypher, I., McLoyd, V. C., Huntley, E., **Hyde, L.W.**, Mitchell, C. & Monk, C.S. (2024). Enhancing Diversity in Neuroimaging Research: Participant-Driven

Recommendations from a Qualitative Study of an Underrepresented Sample. *Developmental Cognitive Neuroscience*. DOI: 10.1016/j.dcn.2024.101474

- # These authors contributed equally to the writing of this manuscript

155. Kardan, O., Weigard, A., Cope, L. M., Martz, M. M., Angstadt, M., McCurry, K. L., Michael, C., Hardee, J. E., **Hyde, L. W.**, Sripada, C. S., & Heitzeg, M. M. (2024). Functional brain connectivity predictors of prospective substance use initiation and their environmental correlates. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2, 203-212. DOI: 10.1016/j.bpsc.2024.10.002
154. Hong, S., Hardi, F., Tillem, S., Goetschius, L.G., McLoyd, V. C., Brooks-Gunn, J., Lopez-Duran, N.L., Mitchell, C., **Hyde, L.W.** & Monk, C.S. (2024). Mother-Child Closeness and Adolescent Structural Neural Networks: A Prospective Longitudinal Study of Low-Income Families. *Social Cognitive and Affective Neuroscience*. DOI: 10.1093/scan/nsae083
153. Baskin-Sommers, A. Viding, E. Barber, M., Ruiz, S. Paskewitz, S., & **Hyde, L.W.** (2024). Advancing the Science of Biosocial Transactions Related to Aggression in Children and Young People: A Brief Review and Steps Forward. *Aggression and Violent Behavior*, 79, 102001.
152. Michael, C., Gard, A. M., Tillem, S., Hardi, F. A., Dunn, E. C., Smith, A. D. A. C., McLoyd, V. C., Brooks-Gunn, J., Mitchell, C., Monk, C. S., & ***Hyde, L. W.** (2024). Developmental timing of associations among parenting, brain architecture, and mental health.. *JAMA Pediatrics*, 178, 1326-1336. DOI: 10.1001/jamapediatrics.2024.4376
151. Hardi, F. A., Peckins, M., Mitchell, C., McLoyd, V. C., Brooks-Gunn, J., **Hyde, L. W.**, Monk, C. S. (2024). Childhood adversity and adolescent mental health: Testing cumulative and specificity effects across multiple contexts and developmental timing. *Development and Psychopathology*. DOI: 10.1017/S0954579424001512
150. Leve, L.D., Kanamori, M., Humphreys, K.L., Jaffee, S.R., Nusslock, R., Oro, V., & **Hyde, L.W.**, (2024). The promises and challenges of integrating biological science and prevention science: A community-engaged model for the next generation of translational research. *Prevention Science*. doi: 10.1007/s11121-024-01720-8
149. ***Hyde, L.W.**, Tillem, S., Westerman, H.B., & Guzman, J.M. (2024). An Ecological Neurodevelopmental Model of the Development of Youth Antisocial Behavior and Callous-Unemotional Traits. *Annual Review of Developmental Psychology*, 6, 7.1-7.28. DOI: 10.1146/annurev-devpsych-120621-045355
148. Michael, C., Taxali, A., Angstadt, M., Kardan, O., Weigard, A., Molloy, M. F., McCurry, K. L., **Hyde, L. W.**, Heitzeg, M. M., & Sripada, C. (2024). Socioeconomic resources in youth are linked to divergent patterns of network integration and segregation across the brain's transmodal axis. *PNAS Nexus*, 3, pgae412. doi: 10.1093/pnasnexus/pgae412
147. Burt, S.A., Carroll, S. Shewark, E.A., Klump, K.L., Neiderhiser, J.M., & **Hyde, L.W.** (2024). The dynamic and relational nature of parent-child conflict from childhood into emerging adulthood. *Developmental Psychology*, 61, 898-911. doi: 10.1037/dev0001847

146. Hardi, F.A., Beltz, A.M., McLoyd, V., Brooks-Gunn, J., Huntly, E., Mitchell, C., **Hyde, L.W.**, & Monk, C.S. (2024). Latent Profiles of Childhood Adversity, Adolescent Mental Health, and Neural Network Connectivity. *JAMA Network Open*, 7, e2430711. <https://doi.org/10.1001/jamanetworkopen.2024.30711>
145. Vazquez, A.Y., Burt, S.A., Mitchell, C., Klump, K.L., **Hyde, L.W.**, & Clark, S.L. (2024). Methylo-me-wide Association Study of Multidimensional Resilience. *Development and Psychopathology*. doi: 10.1017/S0954579424001330
144. Gao, Y., Staginnus, M. and the ENIGMA-Antisocial Behavior Working Group [Gao, T., Staginnus, M., Townend, S., Arango, C., Bahah, S. Banaschewski, T.,...**Hyde, L.W.**,...Westerman, H.B.,...Fairchild, G., & De Brito, S.A. (2024). Cortical structure and subcortical volumes in conduct disorder: A coordinated analysis of 15 international cohorts from the ENIGMA Antisocial Behavior working group. *The Lancet Psychiatry*, 8, 620 – 632. DOI: 10.1016/S2215-0366(24)00187-1
143. Westerman, H.B., Burt, S.A., Richmond-Rakerd, L.S., Suarez, G.L., 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*, nsae029. DOI: 10.1093/scan/nsae029
142. Ricard, J.R., **Hyde, L.W.**, & Baskin-Sommer, A.R. (2024). Person-Centered Combinations of Individual, Familial, Neighborhood, and Structural Risk Factors Differentially Relate to Antisocial Behavior and Psychopathology. *Criminal Justice and Behavior*, 51, 1339-1357. DOI: 10.1177/00938548241246146
141. Ingram, S.J., Vazquez, A.Y., Klump, K.L., **Hyde, L.W.**, Burt, S.A., & Clark, S.L. (2024). Associations of depression and anxiety symptoms in childhood and adolescence with epigenetic aging. *Journal of Affective Disorders*, 352, 250-258.
140. ***Hyde, L.W.**, [#]Bezek, J.L., & [#]Michael, C. (2024). The Future of Neuroscience in Developmental Psychopathology. *Development and Psychopathology*. DOI: 10.1017/S0954579424000233
 - [#] These authors contributed equally to the writing of this manuscript
139. Suarez, G. L., Burt, S. A., Gard, A. M., Klump, K. L., & ***Hyde, L.W.** (2024). Exposure to Community Violence as a Mechanism Linking Neighborhood Disadvantage to Amygdala Reactivity and the Protective Role of Parental Nurturance. *Developmental Psychology*, 60, 595-609. DOI: 10.1037/dev0001712
138. Guzman, J. M., Boone, M. H., Suarez, G. L., Mitchell, C., Monk, C. S., **Hyde, L. W.**, & Lopez-Duran, N. L. (2024). Relationship between COVID-related stressors and internalizing symptoms: Gendered neuroendocrine risk profiles. *Psychoneuroendocrinology*, 159, 106668. DOI: 10.1016/j.psyneuen.2023.106668
137. Bezek, J. L., Tillem, S., Suarez, G. L., Burt, S. A., Vazquez, A. Y., Michael, C., Sripada, C., Klump, K. L., & ***Hyde, L. W.** (2024) Functional Brain Network Organization and Multi-Domain Resilience to Neighborhood Disadvantage In Youth. *American Psychologist*, 79, 1123-1138. DOI: 10.1037/amp0001279

136. Suarez, G. L., Boone, M. H., Burt, S. A., Shewark, E. A., Mitchell, C., Guzman, P., Lopez-Duran, N., Klump, K. L., Monk, C. S., & *Hyde, L. W. (2023). Parent Mental Health Before and During the COVID-19 Pandemic. *Child Psychiatry and Human Development*. DOI: 10.1007/s10578-023-01642-6
135. Michael, C., Tillem, S., Sripada, C. S., Burt, S. A., Klump, K. L., & *Hyde, L. W. (2023). Neighborhood poverty during childhood prospectively predicts adolescent functional brain network architecture. *Developmental Cognitive Neuroscience*, 64, 101316. DOI: 10.1016/j.dcn.2023.101316
134. Vazquez, A.Y., Shewark, E.A., **Hyde, L.W.**, Klump, K.L., & Burt, S.A. (2024) Parental Nurturance Moderates the Heritability of Youth Resilience. *Behavioral Genetics*, 54, 137-149. doi: 10.1007/s10519-023-10150-1
133. Hardi, F.A., Goetschius, L.G., Tillem, S., McLoyd, V., Brooks-Gunn, J., Boone, M., Lopez-Duran, N.L., Mitchell, C., Hyde, L.W., & Monk, C.S. (2023). Early childhood household instability, adolescent structural neural network architecture, and young adulthood depression: a 21-year longitudinal study. *Developmental Cognitive Neuroscience*, 61, 101253. DOI: 10.1016/j.dcn.2023.101253
132. Tillem, S., Dotterer, H. L., Goetschius, L.G., Lopez-Duran, N., Mitchell, C., Monk, C. S., & *Hyde, L. W. (2023). Antisocial behavior is associated with reduced frontoparietal network efficiency in youth. *Social, Cognitive, and Affective Neuroscience*.
131. Gard, A. M., **Hyde, L. W.**, Heeringa, S. G., West, B. W., & Mitchell, C. (2023). Why weight: Analytic approaches to using large population neuroscience data. *Developmental Cognitive Neuroscience*, 59, 101196. DOI: 10.1016/j.dcn.2023.101196
130. Hardi, F., Goetschius, L. G., McLoyd, V. C., Lopez-Duran, N. L., Mitchell, C., Hyde, L. W., Beltz, A., Monk, C. S. (2023). Adolescent functional network connectivity prospectively predicts adult anxiety symptoms related to perceived COVID-19 economic adversity. *Journal of Child Psychology and Psychiatry*, 64, 918-929. DOI: 10.1111/jcpp.13749
129. Dotterer, H. L., Vazquez, A.Y, Hyde, L.W., Neumann, C.S., Santtila, P., Pezzoli, P., Johansson, A., & Burt, S. A. (2023). Elucidating the role of parenting in the genetic versus environmental influences on adult psychopathic traits. *Psychological Medicine*, 53, 897-907. doi:10.1017/S0033291721002269
128. Murray, L., Lopez-Duran, N.L., Mitchell, C., Monk, C.S., & *Hyde, L.W. (2023). Antisocial Behavior is Associated with Reduced Frontoparietal Activity to Loss in a Population-Based Sample of Adolescents. *Psychological Medicine*, 53, 3652–3660. DOI: 10.1017/S0033291722000307.
127. Goetschius, L.G., McLoyd, V.M., Hein, T.C., Mitchell, C., Hyde, L.W., & Monk, C.S. (2023). School Connectedness as a Protective Factor Against Childhood Exposure to Violence and Social Deprivation: A Longitudinal Study of Adaptive and Maladaptive Outcomes. *Development and Psychopathology*, 35, 1219-1234. DOI: 10.1017/S0954579421001140

126. Sripada, C, Gard, A.M., Angstadt, M., Taxali, A., Greathouse, T., McCurry, K., **Hyde, L.W.**, Weigard, A., Walcyk, & Heitzeg, M. (2022). Socioeconomic Resources are Associated with Distributed Alterations of the Brain's Intrinsic Functional Architecture in Youth. *Developmental Cognitive Neuroscience*, 58, 101164. DOI: 10.1016/j.dcn.2022.101164
125. Winters, D.E. & **Hyde, L.W.** (2022). Shared Functional Network Connectivity Between Callous-Unemotionality and Cognitive and Affective Empathy. *Journal of Affective Disorders*. doi: 10.1016/j.jad.2022.08.103
124. ***Hyde, L.W.**, & Dotterer, H.L. (2022). The Nature and Nurture of Callous-Unemotional Traits. *Current Directions in Psychological Science*, 31, 546-555. DOI: 10.1177/096372142211213
123. Roberts, A. G., Peckins, M.K., Gard, A.M., Hein, T.C., Hardi, F.A., Mitchell, C., Monk, C.S., **Hyde, L.W.**, & Lopez-Duran, N. (2022). Amygdala reactivity during socioemotional processing and cortisol reactivity to a psychosocial stressor. *Psychoneuroendocrinology*, 144, 105855. DOI: 10.1016/j.psyneuen.2022.105855
122. Tomlinson, R. C., ***Hyde, L. W.**, Weigard, A., Klump, K. L., & Burt, S. A. (2022). The Role of Parenting in the Intergenerational Transmission of Executive Functioning: A Genetically Informed Approach. *Development and Psychopathology*, 34, 1731-1743.
121. Gard, A. M., Brooks-Gunn, J., McLanahan, S., Mitchell, C., Monk, C.S., & ***Hyde, L.W.** (2022). Deadly gun violence, neighborhood collective efficacy, and adolescent neurobehavioral outcomes. *PNAS Nexus*. DOI: 10.1093/pnasnexus/pgac061
120. *[#]**Hyde, L.W.**, [#]Gard, A.M., Tomlinson, R.C., Suarez, G.L., & Westerman, H.B. (2022). Parents, Neighborhoods, and the Developing Brain. *Child Development Perspectives*, 16, 148 –156. DOI: 10.1111/cdep.12453.
[#]These authors contributed equally
 - Top 10 most cited article in CDP in 2022
119. Rutherford, S., Fraza, C., Dinga, R., Kia, S.M., Wolfers, T., Zabihi, M.,...**Hyde, L.W.**,...Beckman, C., & Marquand, A.F. (2022). Charting brain growth and aging at high spatial precision. *eLife*. 11: e72904. DOI: 10.7554/eLife.72904
118. Calabrese, J. R., Goetschius, L. G., Murray, L., Kaplan, M. R., Lopez-Duran, N., Mitchell, C., **Hyde, L.W.**, & Monk, C. S. (2022). Mapping Frontostriatal White Matter Tracts and their Association with Reward-Related Ventral Striatum Activation in Adolescence. *Brain Research*, 1780:147803. DOI: 10.1016/j.brainres.2022.147803
117. [#]Peckins, M.K., [#]Westerman, H.B., Burt, S.A., Murray, L.M., Alves, M., Miller, A.L., Gearhardt, A.N., Klump, K.L., Lumeng, J.C., & ***Hyde, L.W.** (2022). A brief child-friendly reward task reliably activates the ventral striatum in two samples of socioeconomically diverse youth. *PLoS One*, 17, e0263368. DOI: 10.1371/journal.pone.0263368
[#] Authors contributed equally
116. Suarez, G. L., Burt, S. A., Gard, A. M., Burton, J., Clark, D. A., Klump, K. L., & ***Hyde, L. W.** (2022). The Impact of Neighborhood Disadvantage on Amygdala Reactivity: Pathways Through Neighborhood Social Processes. *Developmental Cognitive Neuroscience*, 54, 101061. DOI: 10.1016/j.dcn.2022.101061

115. Doom, J.R., Peckins, M.K., Hein, T.C., Dotterer, H.L, Mitchell, C., Lopez-Duran, N.L, Brooks-Gunn, J., McLanahan, S., **Hyde, L.W.**, Abelson, J.L., & Monk, C.S. (2022). Differential associations of parental harshness and parental disengagement with overall cortisol output at 15 years: Implications for adolescent mental health. *Development and Psychopathology*, 34, 129-146. DOI: 10.1017/S0954579420000954
114. Lisdahl, K.M., Taper, S., Sher, K.J., Gonzalez, R., Nixon, S.J., Feldstein Ewing S.W.,...**Hyde, L.W.**,...Heitzeg, M.M., ABCD Consortium. (2021). Substance use patterns in 9 – 10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. *Drug and Alcohol Dependence*. DOI: 10.1016/j.drugalcdep.2021.108946
113. Hardi, F. A., Goetschius, L. G., Peckins, M. K., Brooks-Gunn, J., McLanahan, S. S., McLoyd, V., Lopez-Duran, N. L., Mitchell, C., **Hyde, L. W.**, Monk, C. S. (2021). Differential developmental associations of material hardship exposure and adolescent amygdala-prefrontal cortex white matter connectivity. *Journal of Cognitive Neuroscience*, 34, 1866-1891.DOI: 10.1162/jocn_a_01801
112. Sripada, C., Angstadt, M., Taxali, A., Clark, D.A., Greathouse, T., Rutherford, S. Dickens, J., Sheddon, K., Gard, A.M., **Hyde, L.W.**, Weigard, A., & Heitzeg, M. (2021). Brain-wide functional connectivity patterns support general cognitive ability and mediate effects of socioeconomic status in 9- and 10-year olds. *Translational Psychiatry*, 8, 571. DOI: 10.1038/s41398-021-01704-0
111. Tomlinson, R. C., ***Hyde, L. W.**, Dotterer, H. L., Klump, K. L., & Burt, S. A. (2021). Parenting Moderates the Etiology of Callous-Unemotional Traits in Middle Childhood. *Journal of Child Psychiatry and Psychology*. DOI:10.1111/jcpp.13542
110. Vazquez, A.Y., Shewark, E.A., Clark, D.A., Klump, K.L., **Hyde, L.W.**, & Burt, S.A. (2021). The Etiology of Resilience to Disadvantage. *Journal of Psychology and Psychiatry Advances*, 1, e12033. DOI: 10.1002/jcv2.12033
109. Sripada, C., Angstadt, M., Taxali, A., Kessler, D., Greathouse, T., Rutherford, S., Clark, D.A., **Hyde, L.W.**, Weigard, A., Brislin, S., Hicks, B., & Heitzeg, M.M. (2021). Widespread attenuating changes in brain connectivity associated with the general factor of psychopathology in 9- and 10-year-olds. *Translational Psychiatry*, 9, 575. DOI: 10.1038/s41398-021-01708-w
108. Dotterer, H. L., Burt, S. A., Klump, K., & ***Hyde, L. W.** (2021). Associations between parental psychopathic traits, parenting, and adolescent callous-unemotional traits. *Research on Child and Adolescent Psychopathology*, 49, 1431-1145. DOI: 10.1007/s10802-021-00841-w
107. Carroll, S.L., Shewark, E.A., **Hyde, L.W.**, Klump, K.L., & Burt, S.A. (2021). Understanding the Effects of the COVID-19 Pandemic on Youth Psychopathology: Genotype-Environment Interplay. *Biological Psychiatry: Global Open Science*. DOI: 10.1016/j.bpsgos.2021.07.004
106. Burt, S.A., Klump, K.L., Vazquez, A.Y., Shewark, E.A., & **Hyde, L.W.** (2021). Identifying patterns of youth resilience to neighborhood disadvantage. *Research in Human Development*. DOI: 10.1080/15427609.2021.1935607

- Awarded the Erin Phelps Award for the best article in the last 2 years in the journal *Research in Human Development* by the Society for the Study of Human Development

105. Carroll, S.L., Clark, D.A., **Hyde, L.W.**, Klump, K.L., & Burt, S.A. (2021). Continuity and Change in the Genetic and Environmental Etiology of Youth Antisocial Behavior. *Behavior Genetics*, 51, 580-591. DOI: 10.1007/s10519-021-10066-8
104. Dotterer, H. L., Tomlinson, R. C., Burt, S. A., Weigard, A.S., Klump, K.L., & ***Hyde, L. W.** (2021). Neurocognitive abilities associated with antisocial behavior with and without callous-unemotional traits in a community sample. *Neuropsychology*, 35, 374-387. DOI: 10.1037/neu0000733
103. Chaarani, B., Allgaier, N., Hahn, S., Adise, S., Owens, M.M., Juliano, A.C.,....**Hyde, L.W.**,...Garavan, H.P., & ABCD Consortium. (2021). Brain Function in the Pre-Adolescent Brain: Results from the ABCD Study. *Nature Neuroscience*, 24, 1176-1186. DOI: 10.1038/s41593-021-00867-9
102. Sypher, I., Gershoff, E.T., & ***Hyde, L.W.** (2021). Intimate Partner Violence and Parenting: Examining the Roles of Parenting Stress, Timing, and Maternal Abuse History. *Journal of Family Violence*. DOI: 10.1007/s10896-021-00265-6
101. Gard, A. M., Ware, E. B., **Hyde, L. W.**, Schmitz, L., Faul, J., & Mitchell, C. M. (2021). Phenotypic and Genetic Markers of Psychopathology in a Population-Based Sample of Older Adults. *Translational Psychiatry*, 11, 239. DOI: 10.1038/s41398-021-01354-2
100. Herting, M.M., Uban, K.A., Gonzalez, M.R., Baker, F.C., Kan, E.C., Thomspson, W.K.,....**Hyde, L.W.**,...Zucker, R.A., & Sowell, E.R. (2021). Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. *Frontiers in Endocrinology*, 11, 549928.DOI: 10.3389/fendo.2020.549928
99. Gard, A. M., Hein, T. C., Mitchell, C., Brooks-Gunn, J., McLanahan, S., Monk, C. S., & ***Hyde, L.W.** (2021). Prospective longitudinal effects of harsh parenting on corticolimbic function during adolescence. *Development and Psychopathology*, 34, 981–996. DOI: 10.1017/S0954579420001583
98. Brislin, S.J., Martz, M.E., Joshi, S., Duval, E.R., Gard, A.M., Clark, D.A., **Hyde, L.W.**, Hicks, B., Taxali, A., Angstat, M., Rutherford, S., Heitzeg, M. & Sripada, C., (2021). Differentiated Nomological Networks of Internalizing, Externalizing, and the General Factor of Psychopathology (“P factor”) in Emerging Adolescence in the ABCD study. *Psychological Medicine*, 52, 3015 - 3016. doi: 10.1017/S0033291720005103
97. Gard, A. M., Maxwell, A. M., Shaw, D. S., Mitchell, C., Brooks-Gunn, J., McLanahan, S. S., Forbes, E. E., Monk, C. S., & ***Hyde, L. W.** (2021). Beyond family-level adversities: Exploring the developmental timing of neighborhood effects on the brain. *Developmental Science*, 24, e12985. DOI: 10.1111/desc.12985
96. Clark, D. A., Hicks, B. M., Angstadt, M., Rutherford, S., Taxali, A., **Hyde, L. W.**, Weigard, A., Heitzeg, M. M., & Sripada, C. (2021). The General Factor of Psychopathology in the Adolescent

Brain Cognitive Development (ABCD) Study: A Comparison of Alternative Modeling Approaches. *Clinical Psychological Science*, 9, 169-182. DOI: 10.1177/2167702620959317

95. Burt, S.A., Clark, D.A., Gershoff, E.T., Klump, K.L., & **Hyde, L.W.** (2021). Twin differences in harsh parenting predict youth antisocial behavior. *Psychological Science*, 32, 395-409. DOI 10.1177/0956797620968532
94. Hein, T.C., Goetschius, L.G., McLoyd, V.C., Brooks-Gunn, J., McLanahan, S.S., Mitchell, C., Lopez-Duran, N.L., **Hyde, L.W.**, & Monk, C.S. (2020). Childhood Violence Exposure and Social Deprivation are Linked to Adolescent Neural Threat and Reward Brain Function. *Social, Cognitive, and Affective Neuroscience*, 15, 1252-1259. DOI: 10.1093/scan/nsaa144
93. Dotterer, H.L., **Hyde, L.W.**, Shaw, D.S., Rodgers, E.L., Forbes, E.E., & Beltz, A.M. (2020). Connections that characterize callousness: Affective features of psychopathy are associated with personalized patterns of resting-state network connectivity. *NeuroImage: Clinical*, 28, 102402. DOI: 10.1016/j.nicl.2020.102402
92. ***Hyde, L.W.**, #Gard, A.M., Tomlinson, R.C., Burt, S.A., Mitchell, C., & Monk, C.S. (2020). An Ecological Approach to Understanding the Developing Brain: Examples linking poverty, parenting, neighborhoods, and the brain. *American Psychologist*, 75, 1245-1259. DOI: 10.1037/amp0000741
Authors contributed equally
91. Murray, L., Lopez-Duran, N.L., Mitchell, C., Monk, C.S., & ***Hyde, L.W.** (2020). Neural Mechanisms of Reward and Loss Processing in a Low-Income Sample of At-Risk Adolescents. *Social Cognitive and Affective Neuroscience*, 15, 1299-1314. DOI: 10.1093/scan/nsaa157
90. Goetschius, L.G., Hein, T.C., McLanahan, S.S., Brooks-Gunn, J., McLoyd, V.C., Dotterer, H.L., Lopez-Duran, N., Mitchell, C., **Hyde, L.W.**, Monk, C.S., & Beltz, A.B. (2020). Association of Childhood Violence Exposure With Adolescent Neural Network Density. *JAMA Network Open*, 3, e2017850. DOI: 10.1001/jamanetworkopen.2020.17850
89. Goetschius, L.G., Hein, T.C., Mitchell, C., Lopez-Duran, N.L., McLoyd, V.C., Brooks-Gunn, J., McLanahan, S.S., **Hyde, L.W.**, & Monk, C.S. (2020). Childhood violence exposure and social deprivation predict adolescent amygdala-orbitofrontal cortex white matter connectivity. *Developmental Cognitive Neuroscience*, 45, 100849. DOI: 10.1016/j.dcn.2020.100849
88. Walker, T.M., *Frick, P.J., Matlasz, T.M., Robertson, E.L., Mikolajewski, A.J., Mitchell, C., Lopez-Duran, N., Monk, C.M., & ***Hyde, L.W.** (2020). Psychometric Properties of a Semistructured Interview to Assess Limited Prosocial Emotions. *Assessment*. DOI: 10.1177/1073191120947796
87. Gard, A. M., McLoyd, V. M., Mitchell, C. M., & ***Hyde, L. W.** (2020). Evaluation of a Longitudinal Family Stress Model in a Population-Based Cohort. *Social Development*, 29, 1155-1175. DOI: 10.1111/sode.12446
86. Dotterer, H. L., Waller, R., Hein, T. C., Pardon, A., Mitchell, C., Lopez-Duran, N. L., Monk, C.S., & **Hyde, L. W.** (2020). Clarifying the link between amygdala functioning during emotion processing and antisocial behaviors versus callous-unemotional traits within a population-based

community sample. *Clinical Psychological Science*, 8, 918–935. DOI: 10.1177/2167702620922829

85. Tomlinson, R.C., Burt, S.A., Waller, R., Jonides, J., Miller, A.L., Gearhardt, A.N., Peltier, S.J., Klump, K.L., Lumeng, J.C., & ***Hyde, L.W.** (2020). Neighborhood poverty predicts altered neural and behavioral response inhibition. *NeuroImage*, 209, 116536. DOI: 10.1016/j.neuroimage.2020.116536
84. Waller, R., Wagner, N.J., Barstead, M.S., Subar, A., Petersen, J.L., Hyde, J.S., & **Hyde, L.W.** (2020). A Meta-Analysis of the Associations between Callous-Unemotional Traits and Empathy, Prosociality, and Guilt. *Clinical Psychology Review*, 75, 101809. doi: 10.1016/j.cpr.2019.101809
83. Cummings, J. R., Lumeng, J. C., Miller, A. L., **Hyde, L. W.**, Siada, R., & Gearhardt, A. N. (2020). Parental substance use and child reward-driven eating behaviors. *Appetite*. 144, 104486. doi: 10.1016/j.appet.2019.104486
82. Peckins, M.K., Robert, A.G., Hein, T.C., **Hyde, L.W.**, Mitchell, C., Brooks-Gunn, J., McLanahan, S.S., Monk, C.S., & Lopez-Duran, N.L. (2020). Violence exposure and social deprivation is associated with cortisol reactivity in urban adolescents. *Psychoneuroendocrinology*, 11, 104426. doi: 10.1016/j.psyneuen.2019.104426
81. Sripada, C., Rutherford, S. Angstadt, M., Thompson, W.K., Luciana, M., Weigard, A., **Hyde, L.W.**, & Heitzeg, M. (2020). Prediction of neurocognition in youth from resting state fMRI. *Molecular Psychiatry*, 25, 3413-3421. DOI: 10.1038/s41380-019-0481-6
80. Hawes, S., Waller, R., Thompson, W., **Hyde, L.W.**, Byrd, A.L., Burt, S.A., Klump, K.L. & Gonzalez, R. (2020). Assessing Callous-Unemotional Traits: Development of a brief, reliable measure in a large and diverse sample of preadolescent youth. *Psychological Medicine*, 50, 456-464. DOI: 10.1017/S0033291719000278
79. Hagler, D., Hatton, S.N., Cornejo, M.D., Makowski, C., Fair, D.A.,...**Hyde, L.W.**,...Brown, S.A., Jernigan, T.L., & Dale, A.M. (2019). Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. *NeuroImage*, 202, 116091. DOI: 10.1016/j.neuroimage.2019.116091
78. Cummings, J.R., Gearhardt, A.N., Miller, A.L., **Hyde, L.W.**, & Lumeng, J.C. (2019). Maternal Nicotine Dependence and Longitudinal Increases in Child Obesogenic Eating Behaviors. *Pediatric Obesity*, 14, e12541. DOI: 10.1111/ijpo.12541.
77. Dotterer, H. L., Waller, R., Shaw, D. S., Plass, J., Brang, D., Forbes, E. E., & ***Hyde, L.W.** (2019). Antisocial behavior with callous-unemotional traits is associated with widespread disruptions to white matter structural connectivity among low-income, urban males. *NeuroImage: Clinical*, 23, 101836. DOI: 10.1016/j.nicl.2019.101836
76. Burt, S.A., Slawinski, B.L., Carsten, E.E., Harden, K.P., **Hyde, L.W.**, & Klump, K.L. (2019). How Should We Understand the Absence of Sex Differences in the Genetic and Environmental Origins of Antisocial Behavior? *Psychological Medicine*, 49, 1600-1607. DOI: 10.1017/S0033291719000771

75. Waller, R., Gard, A.M., Monk, C.S., Mitchell, C., Bazzi, B., Sypher, I., Brooks-Gunn, J., McLanahan, S., & ***Hyde, L.W.** (2019). The System for Coding Interactions and Family Functioning (SCIFF) in a Representative Low-Income and Urban Sample of Adolescents. *Psychological Assessment*. DOI: 10.1037/pas0000719
74. Goetschius, L.G., Hein, T.C., Mattson, W.I., Lopez-Duran, N., Dotterer, H.L., Welsh, R.C., Mitchell, C., **Hyde, L.W.**, & Monk, C.S. (2019). Amygdala-prefrontal cortex white matter tracts are widespread, variable, and implicated in amygdala modulation in adolescents. *NeuroImage*. DOI: 10.1016/j.neuroimage.2019.02.009
73. Sypher, I., ***Hyde, L.W.**, Peckins, M.K., Waller, R., Klump, K., and Burt, S.A. (2019). Effects of Parenting and Community Violence on Aggression-Related Social Goals: A Monozygotic Twin Differences Study. *Journal of Abnormal Child Psychology*, 47, 1001 - 1012. DOI 10.1007/s10802-018-0506-7
72. Waller, R., Gard, A.M., Shaw, D.S., Forbes, E.E., Neumann, C.S., & ***Hyde, L.W.** (2019). Weakened amygdala-vmPFC functional connectivity is longitudinally related to psychopathic traits in low-income males during early adulthood. *Clinical Psychological Science*, 7, 628-635. DOI: 10.1177/2167702618810231
71. Trentacosta, T.J., Waller, R., Neiderhiser, J.M., Shaw, D.S., Natsuaki, M.N., Ganiban, J.M., Reiss, D., Leve, L.D., & **Hyde, L.W.** (2019). Callous-unemotional behaviors and harsh parenting in early childhood: Reciprocal associations and moderation by inherited risk. *Journal of Abnormal Child Psychology*, 47, 811-823. DOI: 10.1007/s10802-018-0482-y
70. Waller, R., Murray, L., Shaw, D.S., Forbes, E.E., & ***Hyde, L.W.** (2019). Accelerated alcohol use across adolescence predicts early adult symptoms of alcohol use disorder via reward-related neural function. *Psychological Medicine*, 49, 675-684. DOI: 10.1017/S003329171800137X
69. Hein, T., Mattson, W.I., Dotterer, H.L., Mitchell, C.S., Thomason, M.E., Peltier, S.J., Welsh, R.C., **Hyde, L.W.**, & Monk, C.S. (2018). Amygdala Habituation and Uncinate Fasciculus Connectivity in Adolescence: a Multi-Modal Approach. *NeuroImage*, 183, 617-626. DOI: 10.1016/j.neuroimage.2018.08.058
68. Gard, A.M., Dotterer, H.L., & ***Hyde, L.W.** (2018). Genetic influences on antisocial behavior: recent advances and future directions. *Current Opinion in Psychology*, 27, 46-55. DOI: 10.1016/j.copsyc.2018.07.013
67. Murray, L.M., Waller, R., & ***Hyde, L.W.**, (2018). A systematic review examining the link between antisocial behavior and neural reactivity during reward and loss processing. *Personality Disorders: Theory, Research, and Treatment*, 9, 497-509. DOI: 10.1037/per0000308
66. Waller, R., ***Hyde, L.W.**, Klump, K.L., & Burt, S.A. (2018). Parenting is an environmental predictor of callous-unemotional traits and aggression: A monozygotic twin differences study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 57, 955-963. DOI: 10.1016/j.jaac.2018.07.882
 - Picked as an “Editors’ Best of 2018” to recognize the top 6 articles published in *JAACAP* by the Editors

65. Gard, A. M., Shaw, D. S., Forbes, E. E., & ***Hyde, L. W.** (2018). Amygdala reactivity as a marker of differential susceptibility to socioeconomic resources during early adulthood. *Developmental Psychology*, 54, 2341 – 2355. DOI: 10.1037/dev0000600
64. Peckins, M.K., Shaw, D.S., Waller, R., & ***Hyde, L.W.** (2018). Inter-parental violence exposure predicts adolescent antisocial behavior via pro-violence attitudes among low-income, urban males with elevated levels of cortisol. *Social Development*, 27, 761-776; DOI: 10.1111/sode.12313
63. Gard, A.M., Waller, R., Swartz, J.R., Shaw, D.S., Forbes, E.E., & ***Hyde, L.W.** (2018). Amygdala functional connectivity during socioemotional processing prospectively predicts increases in internalizing symptoms in a sample of low-income, urban, young men. *Neuroimage*, 178, 562-573. DOI: 10.1016/j.neuroimage.2018.05.079
62. ***Hyde, L.W.**, #Waller, R., Shaw, D.S., Murray, L.M., & Forbes, E.E. (2018). Deflections from adolescent trajectories of antisocial behavior: Contextual, genetic, and neural moderators of antisocial behavior stability into emerging adulthood. *Journal of Child Psychology and Psychiatry*. DOI: 10.1111/jcpp.12931
 - #These authors contributed equally
61. Burt, S.A., **Hyde, L.W.**, Frick, P.J., Jaffee, S.R., Shaw, D. S., & Tremblay, R. (2018). Childhood conduct problems are a public health crisis and require resources: A commentary on Rivenbark et al., 2018. *Journal of Child Psychology and Psychiatry*, 59, 711-713. DOI: 10.1111/jcpp.12930
60. Gearhardt, A., Waller, R., Jester, J.M., **Hyde, L.W.**, & Zucker, R.A. (2018). Body Mass Index across Adolescence and Substance Use Problems in Early Adulthood. *Psychology of Addictive Behaviors*, 32, 309-319. DOI: 10.1037/adb0000365.
59. Waller, R., Baskin-Sommers, A.R., & ***Hyde, L.W.** (2018). Examining predictors of callous unemotional traits trajectories across adolescence among high risk males. *Journal of Clinical Child and Adolescent Psychology*, 47, 444-45. DOI: 10.1080/15374416.2015.1102070
58. Waller, R., & ***Hyde, L.W.** (2017). Callous-Unemotional behaviors in childhood: The development of empathy and prosociality gone awry. *Current Opinion in Psychology*, 20, 11-16. DOI: 10.1016/j.copsyc.2017.07.037
57. Dotterer, H.L., Waller, R., Cope, L.M., Hicks, B.M., Nigg, J.T., Zucker, R.A., & ***Hyde, L.W.** (2017). Concurrent and developmental correlates of psychopathic traits using a triarchic psychopathy approach. *Journal of Abnormal Psychology*, 126, 859-876. DOI: 10.1037/abn0000302
56. Gard, A.M., Waller, R., Shaw, D.S., Forbes, E.E., Hariri, A.R., & ***Hyde, L.W.** (2017). The long reach of early adversity: Parenting, stress, the brain, and antisocial behavior in adulthood. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2, 582-590. DOI: 10.1016/j.bpsc.2017.06.005
55. Waller, R., McCabe, H.K., Dotterer, H.L., Neumann, C.S., & **Hyde, L.W.** (2017). Unique and interactive associations between maltreatment and complex emotion recognition deficits and

psychopathic traits in an undergraduate sample. *Journal of Personality Disorders*, 13, 1 – 19; DOI: 10.1521/pedi_2017_31_314

54. Dotterer, D.L., ***Hyde, L.W.**, Swartz, J.R., Hariri, A.R., & Williamson, D.E. (2017). Amygdala reactivity predicts youth antisocial behavior but not callous-unemotional traits in a community sample. *Developmental Cognitive Neuroscience*, 24, 84-92. DOI: 10.1016/j.dcn.2017.02.008
53. Murray, L., Shaw, D.S., Forbes, E.E., & ***Hyde, L.W.** (2017). Reward-related neural correlates of antisocial behavior and callous-unemotional traits in young men. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2, 346-354. DOI: 10.1016/j.bpsc.2017.01.009
52. Waller, R., Dotterer, H.L., Murray, L.M., Maxwell, A.M., & ***Hyde, L.W.** (2017). White-matter tract abnormalities and antisocial behavior: A systematic review of diffusion tensor imaging studies across development. *NeuroImage: Clinical*, 14, 201 – 215. DOI: 10.1016/j.nicl.2017.01.014
51. Brennan, G., **Hyde, L.W.**, & Baskin-Sommers, A.R. (2017). Antisocial pathways associated with Substance Use Disorders: Characterizing etiological underpinnings and implications for treatment. *Current Opinion in Behavioral Sciences*, 13, 124-129, DOI: 10.1016/j.cobeha.2016.11.014
50. Waller, R., & ***Hyde, L.W.** (2017). The development of Callous-Unemotional behaviors in early childhood: Measurement, meaning, and the influence of parenting. *Child Development Perspectives*, 11, 120 – 126. DOI: 10.1111/cdep.12222
49. Waller, R., Shaw, D.S., & ***Hyde, L.W.** (2017). Observed fearlessness and positive parenting interact to predict childhood callous-unemotional behaviors among low-income boys. *Journal of Child Psychology and Psychiatry*, 58, 282-291. DOI: 10.1111/jcpp.12666
48. Waller, R., ***Hyde, L.W.**, Baskin-Sommers, A.R., & Olson, S.L. (2017). Interactions between callous-unemotional behaviors and executive function in early childhood predict aggression and peer-liking in late-childhood. *Journal of Abnormal Child Psychology*, 45, 597-609. DOI: 10.1007/s10802-016-0184-2
47. Waller, R., Dishion, T.J., Shaw, D.S., Gardner, F., Wilson, M.N., & ***Hyde, L.W.** (2016). Does early childhood callous-unemotional behavior uniquely predict behavior problems or callous-unemotional behavior in late childhood? *Developmental Psychology*, 52, 1805-1819. DOI: 10.1037/dev0000165
46. Waller, R., Trentacosta, T.J., Shaw, D.S., Neiderhiser, J.M., Ganiban, J.M., Reiss, D., Leve, L.D., & ***Hyde, L.W.** (2016). Heritable temperamental pathways to early callous unemotional behavior. *British Journal of Psychiatry*, 209, 475-482. DOI: 10.1192/bjp.bp.116.181503
45. Trentacosta, C.J., Davis-Kean, P., Mitchell, C., **Hyde, L.W.**, & Dolinoy, D. (2016). Environmental contaminants and child development. *Child Development Perspectives*, 10, 228-233. DOI: 10.1111/cdep.12191

44. Waller, R., Corral-Frias, N., Vannucci, B., Bogdan, R., Knodt, A., Hariri, A.R., & ***Hyde, L.W.** (2016). An oxytocin receptor polymorphism predicts amygdala reactivity and antisocial behavior in men. *Social Cognitive and Affective Neuroscience*. DOI: 10.1093/scan/nsw042
43. Dotterer, H.L., Waller, R., Newmann, C.S., Shaw, D.S., Forbes, E.E., Hariri, A.R., & ***Hyde, L.W.** (2016). Examining the factor structure of the Self-Report of Psychopathy Short-Form across four young adult samples. *Assessment*. DOI: 10.1177/1073191116640355
42. Waller, R., Shaw, D.S., Neiderhiser, J.M., Ganiban, J.M., Natsuaki, M., N., Reiss, D., Trentacosta, C.J., Leve, L.D., & ***Hyde, L.W.** (2017). Towards an understanding of the role of the environment in the development of early callous behavior. *Journal of Personality*, 85, 90-103. DOI 10.1111/jopy.12221
41. ***Hyde, L.W.**, Waller, R., Trentacosta, T.J., Shaw, D.S., Neiderhiser, J.M., Ganiban, J.M., Reiss, D., & Leve, L.D. (2016). Heritable and non-heritable pathways to early callous unemotional behavior. *American Journal of Psychiatry*. 173, 903-910. DOI: 10.1176/appi.ajp.2016.15111381
40. Mattson, W.L., ***Hyde, L.W.**, Shaw, D.S., Forbes, E.E., & Monk, C.S. (2016). Clinical neuroprediction: Amygdala reactivity predicts depressive symptoms two years later during the transition to adulthood. *Social Cognitive and Affective Neuroscience*. DOI: 10.1093/scan/nsw018
39. Swartz, J.R., Waller, R., Bogdan, R., Knodt, A.R., Sabhlok, A., **Hyde, L.W.**, & Hariri, A.R. (2016). A common polymorphism for a Williams syndrome gene predicts amygdala reactivity and extraversion in healthy adults. *Biological Psychiatry*. DOI: 10.1016/j.biopsych.2015.12.007
38. Kidwell, K.M., & **Hyde, L.W.** (2015). Adaptive Interventions and SMART designs: Application to child behavior research in a community setting. *American Journal of Evaluation*, 37, 344-363. DOI: 10.1177/1098214015617013
37. ***Hyde, L.W.**, Shaw, D.S., Murray, L., Gard, A., Hariri, A.R., & Forbes, E.E., (2016). Dissecting the role of amygdala reactivity in antisocial behavior in a sample of young, low-income, urban men. *Clinical Psychological Science*, 4, 527-544. DOI: 10.1177/2167702615614511
36. Song, J., Waller, R., **Hyde, L.W.**, & Olson, S.L. (2015). Early callous-unemotional behavior, Theory-of-Mind, and fearful/inhibited temperament predict externalizing problems in middle and late childhood. *Journal of Abnormal Child Psychology*, 44, 1205-1215. DOI 10.1007/s10802-015-0099-3
35. [#]Baskin-Sommers, A.R., [#]Waller, R., Fish, A.M., & **Hyde, L.W.** (2015). Callous-unemotional traits trajectories, earlier conduct problems, and executive control predict violence offending and drug use. *Journal of Abnormal Child Psychology*, 43, 1529-1541. DOI 10.1007/s10802-015-0041-8
[#]Shared first authorship: these authors contributed equally to the manuscript
34. ***Hyde, L.W.** (2015). Developmental psychopathology in an era of molecular genetics and neuroimaging: A developmental neurogenetics approach. *Development and Psychopathology*. 27, 587-613.
33. ***Hyde, L.W.**, Burt, S.A., Shaw, D.S., Donnellan, M.B., & Forbes, E.E. (2015). Early starting, aggressive and/or callous-unemotional? Examining the overlap and predictive utility of

antisocial behavior subtypes. *Journal of Abnormal Psychology*, 124, 329-342.
doi:10.1037/abn0000029

32. Wiggins, J.L., Mitchell, C., **Hyde, L.W.**, & Monk, C.S. (2015). Identifying early pathways of risk and resilience: the codevelopment of internalizing and externalizing symptoms and the role of harsh parenting. *Development and Psychopathology*, 27, 1295-1312.
doi:10.1017/S0954579414001412.
31. ***Hyde, L.W.**, Tompson, S., Creswell, J.D., & Falk, E.B. (2015). Cultural neuroscience: New directions as the field matures – What do cultural neuroscience findings mean? *Culture and Brain*, 3, 75-92. doi: 10.1007/s40167-014-0024-6
30. Waller, R., Shaw, D.S., Forbes, E.E. & ***Hyde, L.W.** (2015). Understanding early contextual and parenting risk factors for the development of limited prosocial emotions. *Journal of Abnormal Child Psychology*. 43, 1025-1039. doi: 10.1007/s10802-014-9965-7
29. Waller, R., Wright, A.G.C., Shaw, D.S., Gardner, F., Dishion, T.J., Wilson, M.N., & ***Hyde, L.W.** (2015). Factor structure and construct validity of the parent-reported Inventory of Callous-Unemotional Traits among high-risk 9 year olds. *Assessment*. 22, 561-580, doi: 10.1177/1073191114556101
28. Waller, R., ***Hyde, L.W.**, Grabell, A., Alves, M., & Olson, S.L. (2015). Differential associations of early callous-unemotional, ODD, and ADHD behaviors: multiple pathways to conduct problems? *Journal of Child Psychology and Psychiatry*, 56, 657-666. doi:10.1111/jcpp.12326
27. Waller, R., Gardner, F., Shaw, D.S., Dishion, T.J., Wilson, M.N., & ***Hyde, L.W.** (2014). Callous-unemotional behavior and early-childhood onset behavior problems: the role of parental harshness and warmth. *Journal of Clinical Child and Adolescent Psychology*, 44, 655-667. doi: 10.1080/15374416.2014.886252
26. **Hyde, L.W.**, Waller, R., & Burt, S.A., (2014). Commentary: Improving treatment for youth with Callous-Unemotional traits through the intersection of basic and applied science – reflections on Dadds et al., (2014). *Journal of Child Psychology and Psychiatry*, 55, 781-783.
doi:10.1111/jcpp.12274.
25. Waller, R., Gardner, F., Viding, E., Shaw, D.S., Dishion, T.J., Wilson, M.N., & **Hyde, L.W.** (2014). Bidirectional associations between parental warmth, callous unemotional behavior, and behavior problems in high-risk preschoolers. *Journal of Abnormal Child Psychology*. 42, 1275-1285.
doi:10.1007/s10802-014-9871-z
24. ***Hyde, L.W.**, Byrd, A.L., Votruba-Drzal, E., Hariri, A.R., & Manuck, S.B. (2014). Amygdala reactivity and negative emotionality: Divergent correlates of antisocial personality and psychopathy traits in a community sample. *Journal of Abnormal Psychology*. 123, 214-224.
DOI: 10.1037/a0035467.
23. Choe, D.E., Shaw, D.S., **Hyde, L.W.**, & Forbes, E.E. (2014). Interactions between *MAOA* and punitive discipline in African American and Caucasian men's antisocial behavior. *Clinical Psychological Science*, 2, 591-601. DOI: 10.1177/2167702613518046

22. Sitnick, S.L., Shaw, D.S., & **Hyde, L.W.** (2014). Precursors of adolescent substance use from early childhood and early adolescence: Testing a developmental cascade model. *Development and Psychopathology*, 26, 125-140.
21. #Falk, E.B., #**Hyde, L.W.**, #Mitchell, C., Faul, J., Gonzalez, R., Heitzeg, M., Keating, D.P., Langa, K.M., Martz, M.E., Maslowsky, J., Morrison, F.J., Noll, D.C., Patrick, M., Pfeffer, F.T., Reuter-Lorenz, P.A., Thomason, M.E., Davis-Kean, P., Monk, C.S., & Schulenberg, J. (2013). Neuroscience meets Population Science: What is a representative brain? *Proceedings of the National Academy of Sciences*, 110, 17615-17622.
 - # Shared first authorship: These authors contributed equally to the writing of this manuscript
20. ***Hyde, L.W.**, Shaw, D.S., & Hariri, A.R. (2013). Understanding youth antisocial behavior using neuroscience through a developmental psychopathology lens: Review, integration and directions for research. *Developmental Review*, 33, 168–223.
19. Trentacosta, C.J., **Hyde, L.W.**, Goodlett, B., & Shaw, D.S. (2013). Longitudinal prediction of disruptive behavior disorders in adolescent males from multiple risk domains. *Child Psychiatry and Human Development*, 44, 561-572.
18. ***Hyde, L.W.**, Shaw, D.S., Gardner, F., Cheong, J., Dishion, T.J., & Wilson, M.N. (2013). Dimensions of callousness in early childhood: Links to problem behavior and family intervention effectiveness. *Development and Psychopathology*, 25, 347-363.
 - Received press coverage in the LA Times and Parents Magazine, among other outlets
17. Waller, R., Gardner, F., & **Hyde, L.W.** (2013). What are the associations between parenting, callous-unemotional traits, and antisocial behavior in youth? A systematic review of evidence to date. *Clinical Psychology Review*, 33, 593-608.
16. Bogdan, R., **Hyde, L.W.**, & Hariri, A.R. (2013). A neurogenetics approach to understanding individual differences in brain, behavior, and risk for psychopathology. *Molecular Psychiatry*, 18, 288-299.
15. Mathys, C., **Hyde, L.W.**, Shaw, D.S., & Born, M. (2013). Deviancy training process and normative training process in experimental groups of delinquent male adolescents. *Aggressive Behavior*, 39, 30-44.
14. Carré J.M., **Hyde L.W.**, Neumann, C.S., Viding, E., & Hariri, A.R. (2013). The neural signature of distinct psychopathic traits. *Social Neuroscience*, 8, 122-135.
 - One of the “Top 20 Most Viewed/Read Articles” ever in *Social Neuroscience*.
 - Designated a “Highly Cited Paper” by ISI/Web of Science
13. Waller, R., Gardner, F., **Hyde, L.W.**, Shaw, D.S., Dishion, T.J., & Wilson, M. (2012). Do harsh and positive parenting predict parent reports of deceitful-callous behavior in early childhood? *Journal of Child Psychology and Psychiatry*, 53, 946-953.
12. Shaw, D.S., **Hyde, L.W.**, & Brennan, L.M. (2012). Early predictors of boys’ antisocial trajectories. *Development and Psychopathology*, 24, 871-888.

11. Drabant, E.M., Ramel, W., Edge, M.D., **Hyde, L.W.**, Kuo, J.R., Goldin, P.R. Hariri, A.R., & Gross, J.J. (2012). Neural mechanisms underlying 5-HTTLPR related sensitivity to acute stress. *American Journal of Psychiatry*, 169, 397-405.
10. ***Hyde, L.W.**, Bogdan, R., & Hariri, A.R. (2011). Understanding risk for psychopathology through imaging gene-environment interactions. *Trends in Cognitive Science*, 15, 417-427.
9. Trentacosta, C. J., Criss, M. M., Shaw, D., Lacourse, E., **Hyde, L. W.**, & Dishion, T. J. (2011). Antecedents and outcomes of joint trajectories of mother-son conflict and warmth quality during middle childhood and adolescence. *Child Development*, 82, 1676-1690.
 - Received press coverage on ABCnews.com
8. ***Hyde, L.W.**, Gorka, A., Manuck, S.B., & Hariri, A.R. (2011). Perceived social support moderates the link between threat-related amygdala reactivity and trait anxiety. *Neuropsychologia*, 49, 651-656.
 - Discussed in the news in *Science*: Miller, G. (2011). Why loneliness is hazardous to your health. *Science*, Jan. 14, 6014, 138-140.
7. ***Hyde, L. W.**, Shaw, D. S., & Moilanen, K. (2010). Developmental precursors of moral disengagement and the role of moral disengagement in the development of antisocial behavior. *Journal of Abnormal Child Psychology*, 38, 197-209.
6. Trentacosta, C. J., **Hyde, L. W.**, Shaw, D. S. & Cheong, J. (2009). Adolescent dispositions for antisocial behavior in context: the roles of neighborhood dangerousness and parental knowledge. *Journal of Abnormal Psychology*, 118, 564-75.
5. Muñoz, K. E., **Hyde, L. W.**, & Hariri, A. R. (2009). Imaging Genetics. *Journal of the American Academy of Child and Adolescent Psychiatry*. 48, 356-361.
4. Hariri, A. R., Gorka, A., **Hyde, L. W.**, Kimak, M., Halder, I., Ducci, F., Ferrell, R. E., Goldman, D., & Manuck, S. B. (2009). Divergent effects of genetic variation in endocannabinoid signaling on threat- and reward-related human brain function. *Biological Psychiatry*, 66, 9-16.
 - Selected as a top 15 ranking article of 2009 in Biological Psychiatry by the Society for Biological Psychiatry.
3. Fakra, E., **Hyde, L. W.**, Gorka, A., Fisher, P. M., Munoz, K. E., Kimak, M., Halder, I., Ferrell, R. E., Manuck, S. B., & Hariri, A. R. (2009). Amygdala reactivity mediates effects of *HTR1A* C(-1019)G on trait anxiety. *Archives of General Psychiatry (JAMA Psychiatry)*, 66, 33-40.
2. Gill, A. G., **Hyde, L. W.**, Shaw, D. S. Dishion, T. J., & Wilson, M. (2008). The Family Check-Up in early childhood: a case study of intervention process and change. *Journal of Clinical Child and Adolescent Psychology*, 37, 893-904.
1. Trentacosta, C. J., **Hyde, L. W.**, Shaw, D. S. Dishion, T. J., Gardner, F. & Wilson, M. (2008). The relations among cumulative risk, parenting, and behavior problems during early childhood. *Journal of Child Psychology and Psychiatry*, 49, 1211-1219.

Chapters and other contributions

9. Westerman, H.B., Tomlinson, R.C., & ***Hyde, L.W.**, (2023). Neural correlates of externalizing disorders. In C. Markey & H. Friedman (Eds), *Encyclopedia of Mental Health, 3rd Edition*. 598-607. DOI: 10.1016/B978-0-323-91497-0.00148-X
8. Dotterer, H.L., Westerman, H.B., Rodgers, E.L., & ***Hyde, L.W.** (2022). The Development of Externalizing Across Adolescence and Early Adulthood. In L. Crockett, G. Carlo, & J. Schulenberg (Eds), *APA Handbook of Adolescent and Young Adult Development*.
7. Murray, L., Dotterer, H.L., Waller, R., & ***Hyde, L.W.** (2018). Neurogenetics Approaches to Understanding Psychopathy. In M. DeLisi (Ed.), *Routledge International Handbook of Psychopathy and Crime*.
6. Waller, R., Dotterer, H.L., Murray, L.M., & ***Hyde, L.W.** (2018). Neural substrates of youth and adult antisocial behavior. In A. Vazsonyi, D. Flannery, & M. Delisi (Eds), *The Cambridge Handbook of Violent Behavior and Aggression, 2nd Edition*. Cambridge, U.K.: Cambridge U.P.
5. ***Hyde, L.W.**, Swartz, J.R., Waller, R., & Hariri, A.R. (2016). Neurogenetics approaches to mapping pathways in developmental psychopathology. In, D. Cicchetti (Ed), *Wiley's Developmental Psychopathology, 3rd Edition – Volume II*. Hoboken, NJ: Wiley and Sons.
4. ***Hyde, L.W.**, Bogdan, R. & Hariri, A.R., (2016). Incorporating the environment into Neurogenetics research: An Imaging Gene by Environment interactions (IG x E) approach. In K. Bigos, A.R. Hariri, & D. Weinberger (Eds), *Neuroimaging Genetics*. New York: Oxford U.P. pp. 223-243.
3. Waller, R., Dotterer, H. L., & ***Hyde, L.W.** (2015). An Imaging Gene by Environment Interaction (IGxE) approach to understanding youth antisocial behavior. In R. Scott & S. Kosslyn (Eds), *Emerging Trends in the Behavioral and Social Sciences*. Hoboken, NJ: John Wiley and Sons. DOI: 10.1002/9781118900772.etrds0012
2. Waller, R., Murray, L., Dotterer, H.L., & ***Hyde, L.W.** (2015). Neuroimaging approaches to understanding youth antisocial behavior. In, Toga, A.W. (Ed.), *Brain Mapping: An Encyclopedic Reference*. Vol. 3. Academic Press: Elsevier, pp. 1001-1009.
1. ***Hyde, L.W.**, Bogdan, R., & Hariri, A.R. (2015). Neurogenetics of individual differences in brain, behavior and risk for psychopathology. In, T. Canli (Ed) *The Oxford Handbook of Molecular Psychology*. New York: Oxford U.P.

Other Research Products:

- Burt, S.A., Clark, D.A., Gershoff, E.T., Klump, K.L., & **Hyde, L.W.** (2021). Twin study shows that link between harsh parenting and youth antisocial behavior is environmental, not genetic, in origin. PRC Research Brief 6(4). DOI: 10.26153/tsw/12055

Funding

Current:

R01MH139198 Hyde & Nusslock (MPIs) 1/1/2025 – 12/31/2029

NIMH Effort: 2 months Total costs: \$5,429,341

Experimental evidence of the impact of parental income on child mental health and neuroimmune function

This study will examine the long term impact of 3 years of substantial (\$1,000) monthly supplements to parents on their children's neuroimmune functioning and mental health, as well as use an experimental design to examine the impact of poverty on biobehavioral development.

Role: PI

R01MH130442 Dunn (PI) 5/2023 – 02/2028

NIMH Effort: .6 months

Childhood adversity, DNA methylation, and risk for depression: A longitudinal study of protective factors and sensitive periods in development

This study will examine the relationship between experiences of family and community-level promotive factors, exposure to childhood adversity, DNA methylation, and risk for depressive symptoms in two longitudinal studies (ALSPAC, FFCWS).

Role: Co-I

U01-HD11063 Mitchell, Monk, Meier (MPIs) 09/2022 – 04/2027

NICHD Effort: .6 months (Yrs 2 – 5) Total Costs: \$3,853,824

The longitudinal impact of the COVID-19 pandemic and related multi-level mitigation and contextual factors on health and socioeconomic outcomes of individuals and families from a vulnerable population.

This study will examine the short-, medium-, and long-term health, social, and economic effects of the COVID-19 pandemic on an underserved and vulnerable population of young adults who have been followed since birth along with their primary caregivers who are entering middle age.

Role: Co-I

R01-MH130158 Hyde, Mitchell, Monk, & Neblett (MPIs) 04/2022 – 03/2027

NIMH Effort: 1.5 months/year Total Costs: \$3,839,800

Structural Racism and Black American Mental Health: Neurophysiological Mechanisms and Sociocultural Processes Promoting Resilience During the Transition to Adulthood

The goal of this project is to elucidate the links between specific neighborhood and societal indicators of structural racism and subsequent mental health, as well as stress-related neurophysiological mechanisms and sociocultural buffers that account for and influence this link.

Role: Contact PI

T32-HD108054 Zimmerman & Carter (PIs) 05/2022 – 04/2027

NICHD

Firearm Safety Among Children and Teens (FACTS): Multi-Disciplinary Research Training Program

The goal of this grant is to train post-doctoral scholars in research on the prevention of firearm injuries among children and teens.

Role: Mentor

R01-HD103699 Miller (PI) 09/01/2021 – 07/31/2026
 NICHD Effort: 1 month/year Total costs: \$2,964,678

Experimental evidence of the impact of parental income on child health and well being

The goal of this project is to experimentally examine the impact of a university basic income/supplemental income (\$1,000 per month) on family and child economic and behavioral outcomes in a sample of 3,000 participants who are parents to 3,640 children.

Role: Co-I

R01-HD104297 Burt & Clark (MPIs) 7/20/2021 – 5/31/2026
 NICHD Effort: .5 – 1 month/year Total Costs: \$2,906,678

The methylomic consequences of neighborhood disadvantage for youth risk-taking behaviors.

The goal of the project is to evaluate methylomic modifications as one pathway through which neighborhood disadvantage leads to youth antisocial behavior. The project examines how physical (toxicants – lead, continine) and social (harsh parenting, exposure to community violence) impact the development of the methylome in the MTwiNS cohort.

Role: Co-I; UM site lead/PI

T32-AA007477 Blow (PI) 07/2020 – 06/2025
 NIAAA

Multidisciplinary Alcoholism Research Training Program

The goal of this training grant is post-doctoral training in research on alcohol use disorders from a multidisciplinary perspective.

Role: Mentor

R01-MH121079 Hyde, Mitchell, Monk (MPIs) 08/15/2019 – 06/30/2025 NCE
 NIMH Effort: 2 months/years Total Costs: \$6,723,780

Computational examination of RDoC threat and reward constructs in a representative, predominantly low-income, longitudinal sample at increased risk for internalizing disorders.

The goal of this project is to elucidate the structure of the RDoC threat and reward domains across multiple levels of analysis (self-report, behavioral, neuroimaging, contextual) using computational data-driven and theory-driven analysis in a sample of 600 young adults with data collection at age 21 and 24. This study is a longitudinal follow-up of R01 MH103761 and additionally will examine the impact of poverty-related stressors on RDoC domains within a representative cohort of young adults from the Fragile Families and Child Wellbeing cohort.

Role: PI

2018-MU-CX-0044 Clark (PI); Hicks (site-PI) 01/01/2018 –
 National Institute of Justice Effort: 1.2 - .3 months/year

ABCD Social Development (ABCD-SD)

This NIJ/CDC funded study adds data collection to the larger Adolescent Brain and Cognitive Development (ABCD) study to examine the co-development of substance use and delinquency and the role brain development plays in these processes at 5 ABCD sites longitudinal across the 10 year ABCD study. Additionally, this study aims to examine how peers, victimization, personality traits, and context contribute to the development of delinquency.

Role: Co-I

UG3/UH3 MH114249 Hyde & Burt (MPIs) 09/2017 – 06/25 NCE
 NIMH & OD/OBSSR Effort: 2.17 months/year Total Costs: \$3,492,749

Mechanisms Underlying Resilience to Neighborhood Disadvantage

The goal of this project is to pilot the ability to identify neural markers associated with resilience (year 1; UG3 phase). In the UH3 phase (years 2 – 5), we will examine synergistic neural markers of resilience to neighborhood disadvantage, and evaluate the origins of those neuro-resilient pathways. We will specifically examine how family and community protective processes shape genetic and epigenetic mechanisms underlying these pathways in a sample of 500 twin pairs, ages 11 – 16 years old.

Role: PI

R01 MD011716

Mitchell (PI)

08/01/17 – 05/31/25 NCE

NIMHD

Effort: .6 months/year

Total Costs: \$4,600,814

Epigenetic Mediation of Adverse Social Context on Stress Response, Socioemotional Development, and Health in a Population-based Study of Minority and Low SES Children and Adolescents

Building on an existing representative study of children, this proposal will 1) assemble epigenome-wide data on 2,000 children at two points in time, 2) describe methylation patterns in 3 race/ethnic groups and across SES levels, and 3) explicate epigenetic associations with social adversity, biological processes, and socioemotional development.

Role: Co-I

T32-HD007109

Monk & Gelman (MPIs)

05/2016 – 04/2026

NICHHD

Developmental Psychology Training Grant

The goal of this pre- and post-doctoral training grant is to train developmental scientists across three areas of development: the influence of context, neurobiology, and quantitative approaches.

Role: Mentor & Member of Training Grant Committee

U01 DA041106

Heitzig & Zucker (site MPIs)

10/2015 – 03/2027

NIDA/CRAN

Effort: .6 months/year

Site costs: \$23,621,620

The Adolescent Brain Cognitive Development (ABCD) Study - University of Michigan Site

The objective of the broad U01 project is to be a major research site of the ABCD study funded by CRAN to study 10,000 teens prospectively across 10 years to understand the development and consequences of substance use and substance use initiation. The Michigan Site contains both the University of Michigan and University of Florida sites.

Role: Co-I

Mentored Awards:

ECHO OIF/NIH

Tomlinson

06/01/2025 – 05/31/2027

Precision in Childhood Executive Functioning Measurement: Advancing Efficiency of Evidence Accumulation (EEA) for Developmental Insights.

This goal of the project is to use NIH Toolbox data from the ECHO consortium to generate and validate an EEA metric in early and middle childhood.

Role: Consultant/Mentor

K01 DA059598

Kardan

08/01/2024 – 07/31/2029

Environmental influences on neurocognitive development of control and adolescent substance use.

The goal of this project is to provide Omid Kardan with training in the impact of the physical environment on neurodevelopmental risk for substance use disorders and to carry out research on this topic across three longitudinal neuroimaging cohorts.

Role: Co-Mentor

F31 MH131373 Westerman 05/01/2023 – 04/30/2026
NIMH

Childhood Socioeconomic Disadvantage and Antisocial Behavior: Investigating the Role of Reward Processing

The goal of this project is to provide Heidi Westerman training in the biopsychosocial determinants of antisocial behavior while investigating how socioeconomic disadvantage increases risk of engagement in antisocial behavior via reward-related brain structure and function.

Role: Primary Mentor

F31MH130152-01 Cascone 01/01/2023 – 12/31/2025
NIMH

Categorical and dimensional investigations of dynamic functional connectivity and behavior during response inhibition in children with and without ADHD

The goal of this mentored award is to use a novel dynamic functional connectivity method to determine whether task-based variations in functional connectivity and behavior differ in children with ADHD and in children without ADHD and whether there are relationships among ADHD symptom burden, functional connectivity dynamics, and behavior in a large sample of children with continuous ADHD-related symptom measures.

Role: Consultant

Past:

R01 HD093334 Hyde & Burt (MPIs) 08/2017 – 05/24 (NCE)
NICHD Effort: 2 months/year Total Costs: \$3,081,989

From neighborhood disadvantage to antisocial behavior: Neurobiological pathways

The major goal of this project is to elucidate how neighborhood disadvantage becomes biologically embedded in a sample of 550 twin pairs who are part of the MTwiNS project (age 9 – 15 years old), with a specific focus on neural circuits related to antisocial behavior. Additionally, this study will examine processes (i.e., harsh parenting, toxicant exposure) through which neighborhood disadvantage undermines neural development and promotes antisocial behavior.

Role: PI

NARSAD Young Investigator Award Hyde (PI) 01/2018 – 01/2023 (NCE)
Brain and Behavior Foundation Total Costs: \$70,000

Elucidating neurodevelopmental pathways to conduct problems

The goal of this project is to elucidate the key circuits related to emerging conduct problems and the etiology of variability in these neural circuits using a genetically informed design.

Role: PI

R01HD093334-S1 Hyde & Burt (MPIs) 06/2020 – 05/2022

From neighborhood disadvantage to antisocial behavior: Neurobiological pathways – Diversity Supplement

The goal of this diversity supplement is to provide graduate funding and increase diversity in biomedical sciences while examining the social mechanisms through which neighborhood poverty undermines brain development.

Role: PI and Mentor (Mentee: G. Suarez)

R13-AA025540 Catalano (PI) 05/25/2017 – 04/30/2022

Society for Prevention Research Annual Meetings, 2017 – 2021

Funding for the annual meetings of the Society for Prevention Research (SPR) and associated task forces including Mapping Advances in Prevention Science (MAPS) VI: The Prevention Science of Context and Biology (Hyde, Co-Chair).

Role: Co-I

UH3-MH114249-04S1

Hyde & Burt (MPIs)

09/15/2020 – 06/30/2021

NIMH

Total Costs: \$312,719

Mechanisms underlying resilience to neighborhood disadvantage (Administrative Supplement)

The overarching goal of the supplement is to rapidly improve our understanding of the economic, social, and personal impacts of the COVID-19 pandemic and their downstream consequences on parents and children in families living in neighborhoods with above average levels of poverty within the MTwiNS project.

Role: PI

R01-MH121079-02S1

Hyde, Mitchell, Monk (MPIs)

08/01/2020 – 06/30/2021

NIMH

Total Costs: \$155,961

COVID supplement to computational examination of RDoC threat and reward constructs in a representative, predominantly low-income, longitudinal sample at increased risk for internalizing disorders.

The goal of this supplement is to better understand the mental health consequences of COVID-19 related stressors on young adults and their parents from an existing study of low-income families (FFCWS, SAND) and to identify potential moderators of these effects.

Role: PI

R01 MH103761

Monk (PI)

06/2014 – 05/2021 (NCE)

NIMH

Effort: 3 months/year

Total Costs: \$3,050,851

Effects of poverty on affective development: A multi-level, longitudinal study

The goal of this project is to better understand how poverty leads to stress which affects peripheral and central nervous system development and how this pathway leads to psychopathology through examining a population-based representative study of teens (FFCWS, SAND) growing up with poverty-related stressors.

Role: Co-Investigator

NSF 1519686

Crosnoe & Gershoff (PIs)

09/2015 – 08/2020 (NCE)

National Science Foundation

Total costs: \$999,956

Interdisciplinary Behavioral and Social Science Research (IBSS): *Identifying the optimal levels and timing of family and school influences on child and youth development.*

This grant establishes the Interdisciplinary Collaborative on Development in Context, a consortium of researchers from across the country who will together work on identifying the developmental implications of transitions and turning points in the lives of children and youth.

Role: Co-Investigator

The Conway Family Award for Excellence in Neuroscience

02/2016 – 01/2018

Avielle Foundation

Hyde & Burt (PIs)

Total costs: \$80,000

Elucidating Neurodevelopmental Pathways to Violence and Antisocial Behavior

The goal of this study is to illuminate the developmental origins of individual differences in threat-, inhibitory-, and reward-related brain function and the consequences of these individual differences in neural function for youth aggression, antisocial behavior, and violence using fMRI in a sample of 100

twins pairs living in disadvantaged neighborhoods followed longitudinally as part of the MTwiNS project.

Role: PI

MCubed Hyde, Gearhart, & Lumeng (PIs) 10/2015 – 08/2017
University of Michigan Total Costs: \$60,000

Neural signatures of eating behavior and self-regulation using fMRI

This study examined neural correlates of eating behavior and self-regulation during childhood using neuroimaging in a sample of low-income families followed longitudinally in the ABC sample.

Role: PI

L40 MH108392 Hyde (PI) 09/2015 – 08/2017
NIMH

Understanding the development and proximal consequences of neural response to threat and reward in the development of internalizing and externalizing psychopathology.

The goal of this NIH Loan Repayment project is to better understand the role of threat- and reward-related neural reactivity in internalizing and externalizing behaviors in youth and to map gene x environment interactions that may predict these neural substrates.

Role: PI

L40 DA036468 Hyde (PI) 09/2013 – 08/2015
NIDA

The development of externalizing: Specific versus general effects on biological and environmental risk.

The goal of this NIH Loan Repayment project is to better understand the specificity of risk factors for youth antisocial behavior and substance use through use of molecular genetics, fMRI, and contextual factors measures in secondary analysis of longitudinal studies of at-risk samples.

Role: PI

Andrew Mellon Graduate Fellowship 01/2010 – 08/2010

University of Pittsburgh, Dietrich School of Arts and Sciences

Fellowships awarded to students of exceptional promise and ability across the Dietrich School of Arts and Sciences, University of Pittsburgh.

Role: Fellow

T32 GM081760 Fiez (PI) 09/2007 – 08/2009
NIGMS

Predoctoral Training Program in Behavioral Brain Research

Predoctoral fellowship program aimed to train the next generation of behavioral science researchers to skillfully incorporate neuroscience perspectives and methods into their programs of research.

Role: Trainee

Conferences and published abstracts

Conference Presentations

Vazquez, A.Y., Shewark, E.A., **Hyde, L.W.**, Klump, K.L., & Burt, S.A. (June, 2023) *Parental Nurturance Moderates the Heritability of Youth Resilience*. Presented at the Inclusion

Diversity Equity and Access Symposium at the 53rd Behavior Genetics Association Annual Meeting. Murcia, Spain.

Suarez, G. L., Burt, S. A., Gard, A. M., Klump, K. L., & **Hyde, L. W.** (2023, March). *Exposure to Community Violence as a Mechanism Linking Neighborhood Disadvantage to Amygdala Reactivity and the Protective Role of Parental Nurturance*. Symposium to be presented at the SRCD 2023 Biennial Meeting, Salt Lake City, Utah.

Hardi, F., Goetschius, L. G., Tillem, S., McLoyd, V., Lopez-Duran, N., Mitchell, C., **Hyde, L. W.**, Monk, C. S. (September 2022). Early childhood household instability, adolescent structural neural network architecture, and young adulthood depression: a 21-year longitudinal study. Oral talk and poster presented at FLUX Congress, Paris, France.

Hardi, F., Goetschius, L. G., McLoyd, V. C., Lopez-Duran, N. L., Mitchell, C., **Hyde, L. W.**, Beltz, A., Monk, C. S. (April 2021). Adolescent data-driven functional network connectivity prospectively predict adult anxiety symptoms related to COVID-19 economic adversity. Oral talk presented at the NIH Social, Behavioral, and Economic (SBE) Health Impacts of COVID-19 Initiative Grant Results Webinar. Virtual.

Carroll, S. L., Shewark, E. A., **Hyde, L. W.**, Klump, K. L., & Burt, S. A. (2021). Understanding the effects of the COVID-19 pandemic on youth psychopathology: genotype-environment interplay. Paper presented at the 51st Behavior Genetics Annual Meeting

Gard, A. M., James, S. A., McLanahan, S., Brooks-Gunn, J., Mitchell, C., Monk, C. S., & **Hyde, L. W.** (2021). Exposure to deadly gun violence and adolescent neurobehavioral outcomes. In Gard, A. M. (chair): Novel approaches to operationalizing the neighborhood context. Biennial meeting of the Society for Research in Child Development (SRCD), Virtual presentation

Hong, S., Goetschius, L., Gard, A.M., Hein, T., Maguire-Jack, K., McLoyd, V., Brooks-Gunn, J., McLanahan, S., Lopez-Duran, N., **Hyde, L.W.**, & Monk, C.S. (2021, March). *An examination of childhood neighborhood violence exposure and mother-child closeness on adolescent wellbeing and frontostriatal white matter connectivity*. In Marusak (chair): Biological embedding of early adversity: new insights on the effects on neurodevelopment and threat processing. Biennial meeting of the Society for Research in Child Development. Virtual presentation.

Tomlinson, R.C., Burt, S.A., & **Hyde, L.W.** (2020, September). Inhibitory control circuitry and externalizing psychopathology in a large sample of higher-risk youth. Flash Talk presented at the 2020 Flux Congress, Virtual.

Gard, A. M., **Hyde, L. W.**, Morenoff, J. D., & Mitchell, C. (2020). *Current Methodological Practices in Human Neuroimaging Studies: A Consideration of Sampling*. In Gard, A. M. (chair): Sample Size, Representation, or Both? Current Debates in Developmental Population Neuroscience. Annual meeting of the FLUX Society for Developmental Cognitive Neuroscience, Santa Rosa, CA, USA (virtual due to COVID-19 pandemic).

Monk, C.S., Goetschius, L.G., Hein, T.C., McLoyd, V.C., Mitchell, C., Lopez-Duran, N., Brooks-Gunn, J., McLanahan, S.S., **Hyde, L.W.** (2019). Childhood violence exposure, social deprivation and adolescent amygdala-orbitofrontal cortex white matter tract development: A longitudinal study

of the sequelae of structural racism. Paper presented at the American College of Neuropsychopharmacology, Orlando, FL.

Hyde, L.W., Dotterer, H.L., Waller, R., Hein, T.C., Mitchell, C., Lopez-Duran, N., & Monk, C.S. (2019, May). Amygdala activation and connectivity is differentially associated with antisocial behaviors versus callous-unemotional traits. Paper presented at the Society for the Scientific Study of Psychopathy, Las Vegas, NV.

Hyde, L.W., Dotterer, H.L., Waller, R., Hein, T.C., Mitchell, C., Lopez-Duran, N., & Monk, C.S. (2019, March). Amygdala activation and connectivity is differentially associated with antisocial behaviors versus callous-unemotional traits. Paper presented at the Society for Research in Child Development, Baltimore, MD.

Monk, C.S., Goetschius, L.G., Hein, T.C., Mitchell, C., Lopez-Duran, N., Brooks-Gunn, J., McLanahan, S.S., **Hyde, L.W.** (2019). Possible mechanisms of resilience in a longitudinal sample of adolescents growing up in poverty. Paper presented at the Anxiety and Depression Association of America, Chicago, IL.

Monk, C.S., Hein, T.C., Mattson, W.I., Lopez-Duran, N., Mitchell, C., **Hyde, L.W.** (2017, December). Differential Effects of Abuse and Neglect on Brain Development and Psychopathology in Adolescents Growing up in Poverty. Paper presented at the American College of Neuropsychopharmacology, Palm Springs, CA.

Hyde, L.W., Tomlinson, R., Gard, A.M., Peckins, M. K., & Burt, S.A. (2017, September). A neuroimaging approach to understanding risk posed by neighborhood disadvantage. In Beauchaine & Burt (chairs), Embracing Etiological Complexity in Psychopathology Research. Symposium presented at the annual meeting of the Society for Research in Psychopathology, Denver, CO, USA.

Hyde, L.W., Gard, A.M., Murray, L.M., Roberts, R.C., Waller, R., & Burt, S.A. (2017, August). Genetically informed neural approaches to understanding the development of antisocial behavior. In Jones, D.J. (chair): Advancements in research and practice with childhood externalizing problems. Symposium presented at the annual meeting of the American Psychological Association, Washington, DC, USA.

Hyde, L.W., Trentacosta, T.J., Waller, R., Shaw, D.S., Neiderhiser, J., Ganiban, J., Natsuaki, M.N., Reiss, D., & Leve, L. (2017, May). The role of parenting and child evocative effects on the development of child CU behaviors. Oral presentation presented at the biennial meeting of the Society for the Scientific Study of Psychopathy (SSSP), Antwerp, Belgium.

Waller, R., Shaw, D.S., Trentacosta, C.J.T., Neiderhiser, J., Reiss, D., Ganiban, J., Leve, L., & **Hyde, L.W.** (2017, May). The development of callous-unemotional behaviors in early childhood: a test of the fearlessness hypothesis in two independent samples. Oral presentation presented at the biennial meeting of the Society for the Scientific Study of Psychopathy (SSSP), Antwerp, Belgium.

Hyde, L.W., Murray, L., Mitchell, C.M., & Monk, C.S., (2017, May). Dopamine signaling x harsh context interactions in the development of reward-related ventral striatum reactivity. In Holmes, A. (Chair): *The molecular and genetic basis of striatal function in health and disease*.

Symposium presented at the annual meeting of the Association for Psychological Science, Boston, MA, USA.

Hyde, L.W., Waller, R., Trentacosta, C.J., Shaw, D.S., Neiderhiser, J.M., Ganiban, J.M., Reiss, D., & Leve, L.D. (2017, April). Examining heritable and non-heritable temperamental pathways to early callous-unemotional behaviors. In Mills-Koonce, W. & Wagner, N.J. (chairs): Biopsychosocial examinations of emerging conduct problems and callous unemotional behaviors: Multi-method, multi-system analyses. Symposium presented at the biennial meeting of the Society for Research in Child Development (SRCD), Austin, TX.

Gard, A.M., Waller, R., Shaw, D.S., Forbes, E.E., Hariri, A.R., **Hyde, L.W.** (2017, April). The long reach of early adversity: Parenting, stress, and neural pathways to crime and violence in adulthood. In Gard, A.M. (chair): *Cortisol, stress, and the brain: Implications for socioemotional behavior across development*. Symposium presented at the biennial meeting of the Society for Research in Child Development (SRCD), Austin, TX, USA.

Monk, C.S., Mitchell, C., Lopez-Duran, N., & **Hyde, L.W.** (2016). Impact of Poverty-Related Stress on Adolescent Brain Function: Evidence from a Population-Based, Representative Sample Followed Since Birth. Paper presented at the annual meeting of the Society for Biological Psychiatry, Atlanta GA, May, 2016.

Hyde, L.W., Gard, A.M., Forbes, E.E., & Shaw, D.S. (2016). Neural markers of resilience: Amygdala reactivity as a marker of differential susceptibility. In Rueben, J. (chair): Resilience in adolescence: Protective role of individual, social, and biological factors. Symposium presented at the 2016 biennial meeting of the Society for Research on Adolescence (SRA), Baltimore, MD, April, 2016.

Hyde, L.W., Shaw, D.S., Forbes, E.E., Murray, L., & Gard, A. (2015). Understanding neural correlates of affective and reward regulatory components to antisocial behavior. In Baskin-Sommers, A. (chair): *A transdiagnostic perspective on self-regulation in affective contexts*. Symposium presented at the 2015 annual meeting of the Society for Research in Psychopathology (SRP), New Orleans, LA, USA, October, 2015.

Hyde, L.W., Waller, R., Shaw, D.S., Neiderhiser, J.M., Ganiban, J.M., Natsuaki, M.N., Leve, L.D (2015). Towards an understanding of the role of the environment in the development of early callous behavior. In **Hyde, L.** (chair): *Multi-method approaches to understanding mechanisms underlying the etiology and measurement of psychopathy versus externalizing*. Symposium presented at the 2015 biennial meeting of the Scientific Study of Psychopathy (SSSP), Chicago, IL, USA, June 2015

Waller, R., Gardner, F., Shaw, D.S., Dishion, T.J., Wilson, M.N., & **Hyde, L.W.** (2015). A multi-trait, multi-method approach to examining callousness and more severe behavior problems from early to late childhood. In **Hyde, L.** (chair): *Multi-method approaches to understanding mechanisms underlying the etiology and measurement of psychopathy versus externalizing*. Symposium

presented at the 2015 biennial meeting of the Scientific Study of Psychopathy (SSSP), Chicago, IL, USA, June 2015.

Waller, R., Fish, A.R., Baskin-Sommers, A.R., & **Hyde, L.W.** (2015). Callous-unemotional traits trajectories interact with earlier conduct problems and executive control to predict violence and substance use among high risk male adolescents. Presented at the 2015 biennial meeting of the Scientific Study of Psychopathy (SSSP), Chicago, IL, USA, June 2015

Hyde, L.W. (2015). Child psychopaths? Evaluating Callous-Unemotional traits as a clinical construct with legal implications. In APS cross-cutting theme program: *Law & (Dis)Order: Psychological Science in the Legal System*. Invited/featured symposium presented at the 2015 Association for Psychological Science Annual Meeting, New York, NY, May, 2015.

Hyde, L.W., Waller, R., Corral-Frias, N., Vannucci, B., Bogdan, R., Knodt, A., & Hariri, A.R. (2015). Neurogenetics approaches to understanding the development of antisocial behavior. In Burke, J. (chair): *Cutting-edge genetic approaches to understanding psychopathology: Using neurogenetics, polygenic, and behavioral genetic approaches to explain behavioral problems*. Symposium presented at the 2015 annual meeting of the Association for Psychological Science (APS) New York, NY, USA, May, 2015.

Hyde, L.W., Shaw, D.S., Waller, R., Neiderhiser, J.M., Reiss, D., Ganiban, J.M., Natsuaki, M., N., & Leve, L.D.. (2015). The protective effects of parental warmth on the link between early CU behaviors and later conduct problems in an adopted sample. In Mills-Koonce, W. & Waschbusch, D. (chairs): *Genetic and environment factors associated with early callous-unemotional behaviors and their associations with later development*. Symposium presented at the 2015 biennial meeting of the Society for Research in Child Development (SRCD), Philadelphia, PA, USA, March, 2015.

Waller, R., Hariri, A., & **Hyde, L.W.** (2015). An imaging-genetics approach to understanding antisocial behavior and callous-unemotional traits during emerging adulthood. In Hanson, J. (chair): *Emerging Research in Developmental Neurogenetics: Novel Insights into Intermediate Neural Phenotypes of Affective Dysregulation*. Symposium presented at the 2015 biennial meeting of the Society for Research in Child Development (SRCD), Philadelphia, PA, USA, March, 2015.

Waller, R., Gardner, F., Shaw, D.S., Dishion, T.J., Wilson, M.N., & **Hyde, L.W.** (2015). The continuity of CU behavior across childhood from ages 3-9 and links to more severe behavior problems. In Mills-Koonce, R. (chair): *Genetic and environment factors associated with early callous-unemotional behaviors and their associations with later development*. Symposium presented at the 2015 biennial meeting of the Society for Research in Child Development (SRCD), Philadelphia, PA, USA, March, 2015.

Waller, R., **Hyde, L.W.**, Grabell, A., Alves, M., & Olson, S.L (2014). Differential associations of early callous-unemotional, oppositional, and ADHD behaviors: multiple pathways to conduct

problems?. In Burt, S.A. (chair). *Age-of-onset, callous-unemotional traits, or aggressive versus non-aggressive behavior: Which approach best captures the heterogeneity within antisocial behavior?* Symposium presented at the 2014 meeting of the International Society for Research on Aggression, Atlanta, GA, USA, July, 2014.

- Presentation awarded the Lagerspetz Award for an exceptional presentation by a student or early career researcher by the International Society for Research on Aggression

Hyde, L.W. (2014). Imaging Gene x Environment Interactions: Understanding the brain as a mechanism for G x E interactions. In Bogdan, R. (chair). *Genes, brain and environment: Biological pathways to psychopathology*. Invited/featured symposium presented at the 2014 Association for Psychological Science Annual Meeting, San Francisco, CA, May, 2014.

Hyde, L.W., Burt, S.A., Shaw, D.S. & Forbes, E.E. (2014). Examining the overlap of common schemes for subtyping adolescent antisocial behavior. In **Hyde, L.W.** (chair) *Understanding heterogeneity within youth antisocial behavior through subtyping approaches?* Symposium presented at the 2014 Association for Psychological Science Annual Meeting, San Francisco, CA, May, 2014.

Waller, R., Shaw, D.S., & **Hyde, L.W.** (2014). Developmental precursors of adolescent callousness in low income urban males. In Waller, R. (chair). *Environmental influences on the development of callousness across childhood and adolescence; implications for models of antisocial behavior development*. Symposium to be presented at the 2014 meeting of the Life History Research Society Meeting, Pittsburgh, PA, USA, May, 2014.

Hyde, L.W., Burt, S.A., & Shaw, D.S., (2014). What is the overlap between subtyping schemes for adolescent antisocial behavior and how do these subtypes differentially predict young adult outcomes? In Hyde, L.W., & Waller, R. (chairs). *Understanding the heterogeneity of antisocial behavior across development: Exploring ways to identify more homogenous groups*. Symposium to be presented at the 2014 meeting of the Life History Research Society, Pittsburgh, PA, May 2013.

Shaw, D. S., Forbes, E. E., **Hyde, L.W.**, & Sitnick, S. (2014). *Early childhood family risk, trajectories of adolescent antisocial behavior, and adjustment in early adulthood*. To be presented at the 2014 meeting of the Life History Research Society, Pittsburgh, PA.

Waller, R., Shaw, D.S., & **Hyde, L.W.** (2014). Developmental precursors of adolescent callousness in low income urban males. In Waller, R. (chair). *Examining callousness among youth and its implications for models of antisocial behavior and psychopathy development*. Symposium presented at the 2014 meeting of the American Psychology-Law Society, New Orleans, USA, March 2014.

Hyde, L.W., Burt, S.A., & Shaw, D.S. (2013). What is the overlap between subtyping schemes for adolescent antisocial behavior and how do these subtypes differentially predict young adult

outcomes? In Burt, S.A. & Tackett, J.L. (chairs) *How do we optimally conceptualize the heterogeneity within youth antisocial behavior?* Symposium presented at the 2013 Society for Research in Psychopathology Annual Meeting, Oakland, CA, September, 2013.

Hyde, L.W., Shaw, D.S., Forbes, E.E., & Hariri, A.R. (2013). Amygdala reactivity in a community sample of young adults: The role of callousness. In White, S. (chair). *Psychopathy and the brain: insights from fMRI*. Symposium presented at the 2013 Society for the Scientific Study of Psychology Biennial Meeting, Washington, DC, June, 2013.

Hyde, L.W., Shaw, D.S., Forbes, E.E., Manuck, S.B., & Hariri, A.R. (2013). Amygdala reactivity as a marker of differential susceptibility to the environment. In Pluess, M. (chair). *Mechanisms of differential susceptibility*. Symposium presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, WA, April, 2013.

Shelleby, E.C., Dishion, T.J., Shaw, D.S., **Hyde, L.W.**, & Wilson, M. (2012). The effects of parent substance use and family adversity on children's social and emotional development: The mediating and moderating role of parenting practices. In Dishion, T. J. (chair). *Parenting practices as moderators and mediators of the link between caregiver substance use and adversity and social and emotional adjustment in early childhood*. Symposium presented at the 2012 Society for Prevention Research Annual Meeting, Washington DC, May 2012.

Bogdan, R., Nikolova, Y.S., **Hyde, L.W.**, Sochat, V. Brigidi, B.D., & Hariri, A.R. (2011). Increased ventral striatal reactivity to reward protects against stress-related hedonic impairment: Implications for vulnerability and resilience to depression. In Gruber, J. (chair), *A transdiagnostic approach to positive emotion and reward dysregulation*. Symposium presented at the 2011 Society for Research in Psychopathology Annual Meeting, Boston, MA, September, 2011.

Hyde, L.W., Shaw, D.S., Forbes, E.E., & Hariri, A.R. (2011). Molecular genetic and neural contributions to antisocial behavior in adolescents. In Moul, C., & Dadds, M.R. (chairs), *The role of the amygdala in the aetiology of callous-unemotional traits*. Symposium presented at the 2011 International Society for Research on Child and Adolescent Psychopathology (ISRCAP) Biennial Meeting, Chicago IL, June, 2011.

Hyde, L.W., Shaw, D.S., Gardner, F., Dishion, T.J., & Wilson, M.N. (2011). The role of callousness in very early childhood: stability, moderation of treatment effects and links to externalizing behaviors. In Jones, A. (chair), *Intervention programmes for children and adolescents with conduct problems and callous-unemotional traits: Perspectives from parenting, child-focused and school based programmes*. Symposium presented at the 2011 Society for the Scientific Study of Psychopathy (SSSP) Biennial Meeting, Montreal, Canada, May, 2011.

Hyde, L.W., Shaw, D.S., Forbes, E.E., & Hariri, A.R. (2011). The development of antisocial behavior: An imaging genetics approach to mapping biological mechanisms. In Forbes, E.E. (chair),

Imaging genetics and developmental psychopathology: Findings relevant to antisocial behavior, autism and affective disorders. Symposium presented at the 2011 Society for Research in Child Development (SRCD) Biennial Meeting, Montreal, Canada, April, 2011.

Hyde, L.W., Shaw, D.S., Gardner, F., Dishion, T.J., & Wilson, M.N. (2011). The role of callousness in very early childhood: stability, moderation of treatment effects and links to externalizing behaviors. In **Hyde, L.W.** (chair), *Callous-unemotional traits and conduct problems from age 2 to 26: Associations with parenting and parenting-focused interventions*. Symposium presented at the 2011 Society for Research in Child Development (SRCD) Biennial Meeting, Montreal, Canada, April, 2011.

Shaw, D.S., **Hyde, L.W.**, & Brennan, L.M. (2011). Toddler and adolescent predictors of early- and late-starting antisocial behavior. In Capaldi, D.M. (chair), *Intergenerational developmental influences on risk and psychopathology*. Symposium presented at the 2011 Society for Research in Child Development (SRCD) Biennial Meeting, Montreal, Canada, April 2011.

Hyde, L.W., Manuck, S.B., & Hariri, A.R. (2010). Social support moderates the link between amygdala reactivity and trait anxiety in a community sample. Oral presentation at the 2010 Society of Biological Psychiatry (SOBP) Annual Meeting, New Orleans, LA, May 2010.

- *Poster abstract chosen by SOBP to be presented in an oral session.*

Hyde, L.W., Munoz, K.E., Olvera, R.L., Hariri, A.R., & Williamson, D.E. (2010). Functional brain correlates of antisocial behavior and callous traits in adolescents. In **Hyde, L.W.**, & Shaw, D.S. (chairs) *Neuroscience approaches to adolescent antisocial behavior: fMRI studies towards understanding empathy and callousness*. Symposium presented at the 2010 Society for Research in Adolescence (SRA) Biennial Meeting, Philadelphia, PA, March, 2010.

Hyde, L.W., Munoz, K.E., Olvera, R.L., Hariri, A.R., & Williamson, D.E. (2009). Functional brain correlates of traits and behaviors related to psychopathy in adolescents. Symposium paper presented at the 2009 Society for the Scientific Study of Psychopathy (SSSP) Biennial Meeting, New Orleans, LA, April, 2009.

- *Abstract one of five student poster submissions selected to be given as an oral paper presentation.*

Posters

Zhang, Y., Hardi, F., McLoyd, V.C., Lopez-Duran, N., Mitchell, C., **Hyde, L.W.**, Beltz, A.M., Monk, C.S. (2023, May). *Associations between Person-specific Reward Processing Neural Networks and Internalizing Symptoms in Adolescents*. Poster presentation at Association for Psychological Science Annual Convention, Washington, D.C.

Vazquez, A.Y., Shewark, E.A., **Hyde, L.W.**, Klump, K.L., Burt, S.A. (March, 2023). Promoting Youth Resilience: Elucidating the role of neighborhood features and parenting. Poster presented at the Society for Research in Child Development's Biennial Meeting. Salt Lake City, Utah.

Suarez, G. L., Shaw, D. Wilson, M, Lemery-Chalfant, K., Westling, E., Brown-Iannuzzi J., & **Hyde, L.W.** (2023, March). Examining Inhibitory Control and Social Contexts in Late Childhood as Predictors of Adolescent Antisocial Behavior. Poster to be presented at the SRCD 2023 Biennial Meeting, Salt Lake City, Utah.

- Suarez, G. L., Burt, S. A., Westerman, H. B., Bezek, J. L., Klump, K. L., & Hyde, L. W. (Upcoming September 2022). *Structural Brain Correlates of Resilience Among Youth Exposed to Neighborhood Disadvantage*. Poster presented during the Flux Society Congress, Paris, France.
- Westerman, H.B., Burt, S.A., Richmond-Rakerd, L.S., Suarez, G.L., Klump, K.L., & Hyde, L.W. (Upcoming September 2022). *Exposure to community violence as a mechanism linking socioeconomic disadvantage and neural responses to reward*. Poster presented during the Flux Society Congress, Paris, France.
- Bezek, J. L., Tillem, S., Suarez, G. L., Burt, S. A., Vazquez, A. Y., Klump, K. L., & Hyde, L. W. (2022, September). *Associations between Functional Brain Network Organization in Youth and Multi-Domain Resilience to Neighborhood Disadvantage*. Poster presented at the Flux 2022 Congress, Paris, France.
- Michael, C., Tillem, S., Burt, S. A., Klump, K. L., & Hyde, L. W. (September, 2022). *The developmental effects of neighborhood disadvantage on functional brain network organization in youth*. Poster presented at Flux Congress 2022, Paris, France.
- Benson, D., McLoyd, V., Westerman, H., Lopez-Duran, N., Mitchell, C., Monk, C.S., & Hyde, L. (Upcoming September 2022). *What's the Harm?: Examining the role of police contact and amygdala function among Black adolescents*. Poster presented during the Flux Society Congress, Paris, France.
- Dotterer, H. L., Tomlinson, R. C., Burt, S. A., Klump, K., & Hyde, L. W. (2021, June). *Neurocognitive abilities associated with antisocial behavior with and without callous-unemotional traits in a community sample*. Poster presented at the annual meeting of the American Academy of Clinical Neuropsychology, Virtual Event.
- Hardi, F., Goetschius, L.G., Peckins, M., Munoz-Velazquez, J., McLanahan, S. Brooks-Gunn, J., Lopez-Duran, N., Mitchell, C., Hyde, L.W., & Monk, C.S. (2021, April). *Differential Developmental Associations of Material Hardship and Adolescent Amygdala-Prefrontal Cortex White Matter Connectivity*. Poster presented at the biennial meeting of the Society for Research in Child Development, Virtual Meeting.
- Suarez, G., Burt, S.A., Gard, A.M., Klump, K.L., & Hyde, L.W. (2021, April). *Exposure to Community Violence is Associated with Heightened Amygdala Reactivity to Threat*. Poster presented at the biennial meeting of the Society for Research in Child Development, Virtual Meeting.
- Singh, M.B., Hyde, L.W., & Barres, C. (2020, October). *Perceived neighborhood collective efficacy and adolescent psychopathology and smoking initiation: Evidence for genotype-sex environment interactions*. Poster presented at the annual World Congress of Psychiatric Genetics. Virtual.
- Tomlinson, R.C., Burt, S.A., & Hyde, L.W. (2020, September). *Inhibitory control circuitry and externalizing psychopathology in a large sample of higher-risk youth*. Poster presented at the 2020 Flux Congress, Virtual.

- Hardi, F., Goetschius, L. G., Peckins, M. K., Munoz-Velazquez, J., McLanahan, S. S., Brooks-Gunn, J., Lopez-Duran, N. L., Mitchell, C., **Hyde, L. W.**, Monk, C. S. (2020, September). *Differential developmental associations of material hardship and adolescent amygdala-prefrontal cortex white matter connectivity*. Poster presented at FLUX Congress, virtual.
- Goetschius, L.G., McLoyd, V.M., Hein, T.C., Mitchell, C., **Hyde, L.W.**, & Monk, C.S. (November 2020). *School Connectedness as a Protective Factor Against Childhood Exposure to Violence and Social Deprivation*. Poster presented at the Association for Public Policy Analysis & Management Fall Research Conference, Virtual Meeting.
- Goetschius, L.G., Hein, T.C., McLanahan, S.S., Brooks-Gunn, J., McLoyd, V.C., Dotterer, H.L., Lopez-Duran, N.L., Mitchell, C., **Hyde, L.W.**, Monk, C.S., & Beltz, A.M. (2020, December). *Childhood violence exposure predicts adolescent neural network sparsity* [Conference Presentation]. ACNP 2020 Annual Meeting, Virtual Meeting.
- Vazquez, A.Y., Shewerk, E.A., Clark, D.A., Klump, K.L., **Hyde, L.W.**, Burt., S.A. (June, 2020). *Exploring the Etiology of Resilience to Neighborhood Disadvantage*. Poster presented at the 50th Behavior Genetics Association Meeting, Los Angeles, CA.
- Dotterer, H. L., Tomlinson, R. C., Burt, S. A. & **Hyde, L. W.** (2020, August). *Callous-unemotional traits and antisocial behavior interact to predict better sustained attention*. Poster presented at the annual meeting of the American Psychological Association, Society for Clinical Neuropsychology Division, Washington, D.C.
- Goetschius, L.G., Hein, T.C., Mitchell, C., Lopez-Duran, N.L., McLoyd, V.C., Brooks-Gunn, J., McLanahan, S.S., **Hyde, L.W.**, & Monk, C.S. (2019). *Longitudinal effects of dimensional exposure to violence exposure and social deprivation on adolescent white matter tracts*. Paper presented at the Advanced Computational Neuroscience Network Big Neuroscience Data Workshop, Ann Arbor, MI.
- Dotterer, H. L., Beltz, A. M., Shaw, D. S., Forbes, E. E., & ***Hyde, L. W.** (2019, May). *Psychopathic traits are related to distinct patterns of neural connectivity at rest using a personalized directed connectivity approach in a diverse, low-income community sample*. Poster presented at the biennial meeting of the Society for the Scientific Study of Psychopathy, Las Vegas, Nevada.
- Hein, T.C., Peckins, M.K., Waller, R., Goetschius, L.G., Shaw, D.S., Forbes, E.E., Lopez-Duran, N.L., McLoyd, V.C., Mitchell, C., **Hyde, L.W.**, & Monk, C.S. (November 2018). *Differentiating Between Forms of Early Adversity*. Poster presented at the 2018 Fall Research Conference of the Association for Public Policy Analysis & Management, Washington, D.C.
- Tomlinson, R.C., Burt, S.A., Waller, R., & **Hyde, L.W.** (2018, August). *Neighborhood impoverishment relates to inhibitory control performance via inhibition-related brain activation*. Poster presented at the 2018 Flux Congress, Berlin, Germany.
- Goetschius, L.G., Hein, T.C., Dotterer, H.L., Welsh, R.C., Lopez-Duran, N., Mitchell, C., **Hyde, L.W.**, & Monk, C.S. (June, 2018). *An Examination of PFC-amygdala White Matter Microstructure & Amygdala Activation in Adolescents*. Poster presented at the Organization for Human Brain Mapping, Singapore.

- Gard, A. M., Waller, R., Swartz, J. R., Shaw, D. S., Forbes, E. E., & **Hyde, L. W.** (2018, July). *Amygdala functional connectivity during socioemotional processing prospectively predicts increases in internalizing symptoms in a sample of low-income, urban, young men.* Poster presented at the Society for Philosophy and Psychology, Ann Arbor, MI, USA.
- Dotterer, H. L., Waller, R., Hein, T. C., Mitchell, C., Lopez-Duran, N. L., Monk, C.S., & **Hyde, L. W.** (2018, May). *Differential links between amygdala reactivity to emotional faces and antisocial behavior versus callous-unemotional traits among diverse, low-income adolescents.* Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA, USA.
- Gard, A. M., Maxwell, A. M., Shaw, D. S., Forbes, E. E., & ***Hyde, L. W.** (September, 2017). *Neighborhood effects on the brain: Impoverishment in early childhood predicts amygdala reactivity to ambiguous faces in young adulthood.* Poster presented at the FLUX Congress, Portland, OR, USA.
- Roberts, A.G., Hein, T., Mitchell, C.M., Monk, C.M., **Hyde, L.W.**, and Lopez-Duran, N. (May, 2017). *Relationship Between Amygdala Responses to Emotional Faces and Cortisol Responses to a Socially Evaluative Cold Pressor Task.* Poster presented at the annual conference of the Association for Psychological Science in Boston, MA.
- Hein, T.C., Mattson, W.I., Dotterer, H.L., Mitchell, C., Thomason, M.E., Peltier, S.J., Welsh, R.C., **Hyde, L.W.**, & Monk, C.S. (2017). *Amygdala Habituation, Uncinate Fasciculus Integrity, and Task-Based Functional Connectivity in a Large, Diverse Adolescent Sample.* Poster to be presented at the Society for Research in Child Development Biennial Meeting, Austin, Texas, USA.
- Gard, A.M., Shaw, D.S., Forbes, E.E., & **Hyde, L.W.** (2017, April). Amygdala reactivity as a marker of differential susceptibility to socioeconomic resources: For better or for worse? Poster to be presented at the biannual annual meeting of the Society for Research in Child Development (SRCD), Austin, TX, USA.
- Mattson, W.I., Hein, T.C., Velasquez, F., Lopez-Duran, N., **Hyde, L.W.**, Mitchell, C. & Monk, C.S. (2016). *Concurrent eye tracking during an fMRI face-processing task predicts amygdala reactivity to neutral faces.* Poster to be presented at the Society for Research in Child Development Biennial Meeting, Austin, Texas, USA.
- Mattson, W.I., Hein, T.C., **Hyde, L.W.**, Mitchell, C., & Monk, C.S. (2016). Concurrent eye tracking during an fMRI face-processing task interacts with emotional facial expression type to predict amygdala activation. Poster to be presented at the Association for Psychological Science annual convention, Chicago, USA.
- Waller, R., Dotterer, H., Cope, L.M., **Hyde, L.W.**, Hicks, B., Zucker, R.A., & Heitzeg, M.M. (2015). The Triarchic model of psychopathy: Understanding developmental precursors and neural

processes underlying a personality approach. Poster presented at the annual meeting of the Society for Research on Psychopathology (SRP), New Orleans, LA, October 2015.

Dotterer, H. L., **Hyde, L. W.**, Swartz, J. R., Hariri, A. R. & Williamson, D. E. (2015). Divergent relationships between antisocial behavior, callous-unemotional traits, and threat-related amygdala reactivity in a diverse adolescent sample. Poster presented at the annual meeting of the Society for Research in Psychopathology (SRP), New Orleans, LA, October, 2015

Corral-Frias N.S., Vannucci B., Rodebaugh T.L., Waller R., **Hyde L.W.**, Conley E.D., Hariri A.R., & Bogdan R. (2015). Oxytocin system genetic risk profile is associated with individual differences in threat-related amygdala reactivity. Poster presented at the Annual Meeting of the Society for Research on Psychopathology, New Orleans, LA, USA, October, 2015.

Murray, L., Shaw, D.S., Forbes, E.E., **Hyde, L.W.** (2015). An fMRI investigation of reward processing in a community sample of youth at risk for antisocial behavior. Poster presented at the 2015 meeting of the Society for the Scientific Study of Psychopathy (SSSP), Chicago, IL, USA, June 2015.

Fish, A.R., Waller, R., Baskin-Sommers, A.R., & **Hyde, L.W.** (2015). Callous-unemotional traits trajectories interact with earlier conduct problems and executive control to predict violence and substance use among high risk male adolescents. Poster presented at the 2015 biennial meeting of the Scientific Study of Psychopathy (SSSP), Chicago, IL, USA, June 2015

Cope, L.M., Waller, R., **Hyde, L.**, Dotterer, H., Zucker, R.A., Hicks, B., & Heitzeg, M.M. (2015). Triarchic model disinhibition is differentially related to fMRI go/no-go task domains in a high-risk community sample of young adults. Poster presented at the 2015 biennial meeting of the Scientific Study of Psychopathy (SSSP), Chicago, IL, USA, June 2015.

Dotterer, H. L., Waller, R., Neumann, C. S., Shaw, D. S., Forbes, E. E., Hariri, A. R., & **Hyde, L. W.** (2015). Examining the factor structure of the Self-Report of Psychopathy Short Form across 4 samples. Poster presented at the biennial meeting of the Society for the Scientific Study of Psychopathy, Chicago, IL, June 2015.

Mattson, W.I., Shaw, D.S., Forbes, E.E., Monk, C.S., & **Hyde, L.W.** (2015). Developmental trajectories of anxiety symptoms and amygdala reactivity predict depression in adolescent males from low-income families. Poster presented at the annual meeting of the Society for Biological Psychiatry, Toronto, Canada.

Gard, A.M., Shaw, D.S., Winslow, E.B., Forbes, E.E., **Hyde, L.W.** (2015). CRHR1 variants interact with early childhood parenting to differentially predict amygdala reactivity to threat in young adulthood. Poster to be presented at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA, USA, March 2015.

Song, J. H., Waller, R., **Hyde, L. W.**, & Olson, S. L. (2015). Interactions between callous-unemotional behavior, anxious-temperament, and Theory of Mind in predicting school-aged conduct problems. Poster session presented at the 2015 Biennial Meeting for the Society for Research in Child Development (SRCD), Philadelphia, PA, March 2015.

- Dotterer, H.L., Waller, R., Newmann, C.S., Shaw, D.S., Forbes, E.E., Hariri, A.R., & Hyde, L.W. (2014). Examining the factor structure of the Self-Report of Psychopathy – Short Form across 4 samples. Poster presented at the 2014 meeting of the Society for Research in Psychopathology, Evanston, IL, USA, September 2014.
- Waller, R., Hyde, L.W., Grabell, A., Alves, M., & Olson, S.L (2014). Differential associations of early callous-unemotional, oppositional, and ADHD behaviors: multiple domains within early-starting conduct problems? Poster presented at the 2014 meeting of the Society for Research in Psychopathology, Evanston, IL, USA, September 2014.
- Goodlett, B.D., Trentacosta, C.J., Shaw, D.S., & **Hyde, L.W.** (2012). Adolescent Characteristics and Peer Influence as Predictors of Antisocial Behavior. Poster presented at the Biennial meeting for the Society for Research in Adolescence. Vancouver, Canada, March 2012.
- Nikolova, Y.S., Bogdan, R., **Hyde, L.W.**, Sochat, V. Brigidi, B.D., & Hariri, A.R. (2011). Ventral striatal reactivity to reward protects against stress-related hedonic impairments: Implications for vulnerability and resilience to depression. Poster presented at the 2011 Society for Neuroscience (SfN) Conference Annual Meeting, Washington, DC, November, 2011.
- Hyde, L.W.**, Shaw, D.S., Gardner, F., Dishion, T.J., & Wilson, M.N. (2011). Deceitful-callous behavior in early childhood: links to externalizing and role in intervention. Poster presented at the 2011 International Society for Research on Child and Adolescent Psychopathology (ISRCAP) Biennial Meeting, Chicago IL, June, 2011.
- Waller, R., Gardner, F., Dishion, T.J., Shaw, D.S., **Hyde, L.W.**, & Wilson, M.W. (2011). Early parental affective attitudes predict deceitful-callous behavior in preschool children. Poster presented at the 2011 International Society for Research on Child and Adolescent Psychopathology (ISRCAP) Biennial Meeting, Chicago IL, June, 2011.
- Hyde, L.W.**, Shaw, D.S., Forbes, E.E., & Hariri, A.R. (2011). The development of antisocial behavior and callous-unemotional traits: An imaging genetics approach to mapping biological mechanisms. Poster presented at the 2011 Society for the Scientific Study of Psychopathy (SSSP) Biennial Meeting, Montreal, Canada, May 2011.
- Sitnick, S.L., Cheung, A.K., **Hyde, L.W.**, Russell, E.M., & Shaw, D.S. (2011). Risk factors for adolescent substance use during early childhood and early adolescence. Poster presented at the 2011 Society for Research in Child Development (SRCD) Biennial Meeting, Montreal, Canada, April, 2011.
- Hyde, L.W.**, Shaw, D.S., & Gross, H.E. (2010). Trajectories of delinquency across adolescence in a high risk sample: Predictors, outcomes and the role of adolescent dispositions. Poster presented at the 2010 Society for Research in Adolescence (SRA) Biennial Meeting, Philadelphia, PA, March, 2010.
- Trentacosta, C. J., **Hyde, L.W.**, & Shaw, D.S. (2010). Externalizing problems and cumulative risk in early childhood predict disruptive behavior disorders in adolescence. Poster presented at the

2010 Society for Research in Adolescence (SRA) Biennial Meeting, Philadelphia, PA, March, 2010.

Hyde, L.W., Munoz, K.E., Olvera, R.L., Hariri, A.R., & Williamson, D.E. (2009). Functional brain correlates of antisocial behavior and callous traits in adolescents. Poster presented at the 2009 Wisconsin Symposium on Emotion, Madison, WI, April, 2009.

Hyde, L.W., Shaw, D.S., Muñoz, K.E., Olvera, R.L., Hariri, A.R., & Williamson, D.E. (2009). Functional brain correlates of antisocial behavior and callous traits in adolescents. Poster presented at the 2009 Society for Research in Child Development (SRCD) Biennial Meeting, Denver, CO, March 2009.

Shaw, D.S., Gross, H.E., Dishion, T.J. **Hyde, L.W.** & Weaver, C.M. (2009) Sibling and peer deviant behavior, relationship quality, and risk of antisocial behavior in adolescence. Poster presented at 2009 Society for Research in Child Development (SRCD) Biennial Meeting, Denver, CO, March 2009.

Trentacosta, C. J., Criss, M. M., Shaw, D. S., & **Hyde, L.W.** (2009). Mother-son relationships during middle childhood and adolescence: An examination of developmental trajectories and outcomes. Poster presented at the 2009 Society for Research in Child Development (SRCD) Biennial Meeting, Denver, CO, March 2009.

Hyde, L.W., Muñoz, K.E., Williamson, D.E., & Hariri, A.R. (2008). Functional brain correlates of antisocial behavior and callous traits in adolescents. Poster presented at the 2008 Society for Neuroscience (SfN) Conference Annual Meeting, Washington, DC, November, 2008.

Hyde, L.W. & Shaw, D. S. (2008). Developmental precursors of moral disengagement and a mechanism between early risk and later antisocial behavior. Poster presented at the 2008 Society for Research on Adolescence (SRA) Biennial Meeting, Chicago, IL, March, 2008.

Gross, H. E., McTeague, E. E., Shaw, D. S. Weaver, C. M., **Hyde, L. W.**, & Vanderbilt-Adrianne, E. (2007). Sibling and peer deviant talk: associations with antisocial behavior, and the moderating role of relationship closeness. Poster session presented at the 2007 Society for Research in Child Development (SRCD) Biennial Meeting, Boston, MA, March 2007.

Invited Talks and Colloquia

Extramural presentations:

2025	Colloquium, Orygen, University of Melbourne
2025	Speaker, Applying Neurobiological Insights on Stress to Foster Resilience Across the Lifespan: A Workshop; National Academies of Science, Engineering, and Medicine
2025	Colloquium, School of Psychology, University of New South Wales
2025	Colloquium, School of Psychology, University of Sydney
2024	GVR Khodadad Endowed Lecture, The Brain in Socioeconomic Context Seminar Series, Center for Neuroscience and Society, University of Pennsylvania
2023	Colloquium, Institute of Child Development, University of Minnesota
2022	Department Colloquium, Department of Psychology, University of Iowa

- 2022 Keynote, Clinical Psychology Research Day, Department of Psychology, University of Minnesota
- 2022 Colloquium, Department of Psychology, University of Wisconsin
- 2022 Developmental Psychology Seminar, Department of Psychology, University of Pittsburgh
- 2021 Betty Simon Lecture, Grand Rounds, Department of Psychiatry, University of Iowa
- 2021 Seminar, The Delta Center, University of Iowa
- 2020 American Psychological Association Annual Meeting: Distinguished Scientific Award for Early Career Contributions to Psychology address, Virtual Conference.
- 2019 University of Toledo, Psychiatry Grand Rounds: Keynote speaker, 26th Annual Symposium on Research in Psychiatry, Psychology, and Behavioral Science; University of Toledo, Bowling Green State University, & University of Michigan-Dearborn
- 2018 Society for Research in Psychopathology – Invited Talk – Early Career Award
- 2017 Clinical Psychology Area Seminar, Department of Psychology, Northwestern University
- 2017 Department of Psychology, Northern Illinois University
- 2017 American Psychological Association Annual Meeting: Boyd McCandless Award address, Washington, DC
- 2017 Association for Psychological Science Annual Meeting: Invited Address, Boston, MA
- 2015 Center for Developmental Science, Carolina Consortium on Human Development, University of North Carolina
- 2015 Clinical Psychology Area, Department of Psychology, Yale University
- 2015 Perinatology Research Branch, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Detroit, MI
- 2015 Association for Psychological Science Annual Meeting, New York, NY
- 2014 Center for Mind, Brain, and Culture, Emory University
- 2014 Association for Psychological Science Annual Meeting, San Francisco, CA
- 2014 International Max Plank Research School on the Life Course Academy, University of Virginia, at the Charlottesville, VA
- 2013 Center for Forensic Psychiatry, Department of Community Health, Ann Arbor, MI
- 2012 Indiana University, Department of Psychology, Bloomington, IN
- 2011 Washington University in St. Louis, Department of Psychology, St. Louis, MO
- 2011 Stony Brook University, Department of Psychology, Stony Brook, NY
- 2011 University of Michigan, Department of Psychology, Ann Arbor, MI
- 2009 Society for Research on Adolescence & the European Association for Research on Adolescence International Summer School, Vancouver, BC, Canada

Intramural presentations:

University of Michigan:

- 2020 Center for Human Growth and Development – Special Series on Adverse Childhood Experiences (ACES)
- 2018 Community Talk – Exploring the Mind – Department of Psychology at the Ann Arbor District Library
- 2018 Clinical Brown Bag, Department of Psychology
- 2017 Cognition and Cognitive Neuroscience Forum, Department of Psychology
- 2017 Center for Human Growth and Development
- 2016 Survey Research Center Seminar Series, Institute for Social Research
- 2015 Population Studies Center Seminar Series, Institute for Social Research
- 2014 Cognition and Cognitive Neuroscience Forum, Department of Psychology
- 2014 Biopsychology Brown Bag, Department of Psychology

- 2013 Seminar, Group Dynamics Seminar Series: “A Social Science Perspective on Aggression and Violence,” Research Center for Group Dynamics, Institute for Social Research
- 2013 Seminar, Substance Abuse Section, Department of Psychiatry
- 2013 Seminar, Center for Human Growth and Development
- 2012, 2013, 2014 Clinical Brown Bag, Department of Psychology
- 2012 Developmental Brown Bag, Department of Psychology

University of Pittsburgh:

- 2009 Clinical Brown Bag, Department of Psychology, University of Pittsburgh
- 2008 Brain Bag, Center for the Neural Basis of Cognition
- 2007 Developmental Brown Bag, Department of Psychology, University of Pittsburgh

Professional Activities & Affiliations

Reviewing

- 2025 – Editorial Board – Brain and Environment: The Journal for Brain-Environment Interactions
- 2022 – Editorial Board – Development and Psychopathology
- 2021 – Consulting Editor – Clinical Psychological Science
- 2021 – Editorial Board – Personality Disorders: Theory, Research, and Treatment
- 2016 – Editorial Board – Journal of Abnormal Child Psychology
Named an “Exceptional Reviewer” by Editors 2017
- 2016 – Advisory Board – Journal of Child Psychology and Psychiatry (JCPP)
Named a “JCPP Star Reviewer 2016” for “exceptional service”
Named a “Top Reviewer” in 2019
- 2014 – Consulting Editor – Journal of Psychopathology and Clinical Science
(Formerly the Journal of Abnormal Psychology)
Guest Action Editor - 2020

Ad-Hoc Reviewer (last 5 years)

Aggressive Behavior; American Journal of Psychiatry; Assessment; Biological Psychiatry; Biological Psychiatry: Cognitive Neuroscience and Neuroimaging; Child Development; Child Development Perspectives; Clinical Psychological Science; Clinical Psychology Review; Cognitive, Affective and Behavioral Neuroscience; Developmental Psychology; Developmental Cognitive Neuroscience; Developmental Science; Development and Psychopathology; Genes, Brain, and Behavior; Human Brain Mapping; JAMA; JAMA Psychiatry; Journal of Clinical Child and Adolescent Psychology; Journal of Personality Disorders; Journal of Personality and Social Psychology; Journal of Research on Adolescence; Molecular Psychiatry; Nature Communications; Nature Human Behavior; NeuroImage; NeuroImage: Clinical; Neuropsychopharmacology. Neuroscience and Biobehavioral Reviews; Pediatric Research; Perspectives in Psychological Science; Personality Disorders: Theory, Research and Treatment; PLoS One; Psychological Medicine; Social, Cognitive, Affective, Neuroscience; Translational Psychiatry

Grant Reviewing

- 2021 – 2025 NIH Standing Study Section Member, *Psychosocial Development, Risk and Prevention (PDRP) study section*, Center for Scientific Review, National Institutes of Health
 - Assistant Chair 10/21 – 06/23
 - Chair, PDRP Study Section 07/01/2023 – 06/30/2025

- 2015 – 2021 NIH Ad Hoc Study Section Member
- *Psychosocial Development, Risk and Prevention (PDRP) study section*; 02/15; 06/17, 01/18, 10/19, 10/20, 02/21
 - *F02A Study Section (Behavioral Neuroscience Fellowships)*; 05/20
 - *2021/05 ZRG1 BST-J(70)R (NIH Transformative Research Awards)*; 02/21
 - Chair: *Special Emphasis Panel: ZRG1 RPHB G(06)*; 06/21
- 2014 Ad Hoc Reviewer, *University of Michigan Injury Center* – CDC funded pilot awards in injury prevention and control.
- 2013, 2014 External Reviewer, Early Career Professional Grant-In-Aid, *American Psychology-Law Society*
- 2013 Ad Hoc Reviewer, *The Fund for Scientific Research* – Scientific funding agency for Wallonia-Brussels (French-speaking Belgium)

Other Professional Service:

- 2020 Boyd McCandless Award Committee – member
- 2019 Member, RDoC Development and Environment Workshop, National Institute of Mental Health
- 2018 Boyd McCandless Award Committee – Co-Chair
- 2018 Member, Evaluation Committee for the hiring of 2 Associate Professor positions at the University of Oslo, Department of Psychology and NORMENT

Professional Society Affiliations

- Society for Research in Child Development (SRCD)
- Society for Research on Adolescence (SRA)
 - SRA Individual Awards Committee 2015 – 2017
 - Conference submission reviewer, Developmental Psychopathology section, 2016 SRA conference
 - Co-author, Presidential blog, 2015: <http://www.s-r-a.org/announcements/online-newsletter/2015-03-31-peek-future-our-science-we-are-all-together>
- Society for Neuroscience (SfN)
- Society for Prevention Research
 - 2021 Conference Planning Committee
 - Co-Chair, Mapping Advances in Prevention Science (MAPS) VI: The Prevention Science of Context and Biology
 - Co-I R13 Meeting Funding Grant (PI Catalano)
- Society for the Scientific Study of Psychopathy (SSSP)
 - Co-Chair – Program Committee – 2015 Biennial meeting of the SSSP
 - Student Board member 2009-2012
- Society for Research in Psychopathology (SRP)
- Association for Psychological Science (APS)
- American Psychological Association (APA)
 - Division 6: Behavioral Neuroscience and Comparative Psychology
 - Division 7: Developmental Psychology
 - Division 12: Society of Clinical Psychology
 - Division 53: Society of Clinical Child and Adolescent Psychology

Other Affiliations

- Research Scholar, Interdisciplinary Collaborative on Development in Context, University of Texas at Austin
- Research Partner – Institute for the Reduction of Youth Violence, Simon Fraser University
- Member – Bullying Research Network, University of Nebraska – Lincoln

Public Impact:

- Amicus Brief Signatory: *People v. Parks*, and *People v. Poole* Michigan Supreme Court (2022): Court determined that sentencing late adolescents to life without the opportunity for parole “violates the Michigan Constitution’s ban on ‘cruel or unusual’ punishment . . . because it fails to take into account the mitigating characteristics of youth, specifically late-adolescent brain development”
- Amicus Brief Signatory: *Commonwealth v. Mattis* Massachusetts Supreme Court (2024): Court determined that sentencing 18 – 20 year olds to life without the opportunity for parole is unconstitutional.
- Amicus Brief Signatory: *People v. Taylor*, and *People v. Czarnecki* Michigan Supreme Court (2025): Court extended the finding from *People v. Parks* and *People v. Poole* to age 19 – 20 and thus determines that sentencing 19 and 20 year olds to life without the opportunity for parole “violates the Michigan Constitution’s ban on ‘cruel or unusual’ punishment.

Teaching Experience

Assistant & Associate & Full Professor – University of Michigan, Ann Arbor, MI

- Introduction to Psychopathology (Psych 270; undergraduate large lecture)
 - Fall, 2014; Winter 2017; Winter 2020; Winter 2024
 - Nominated by students in the course for the Golden Apple Award (Winter, 2015; Winter 2020)
- Inside the Criminal Mind: Neural, Genetic, and Environmental Contributions to Psychopathy, Violence, and Aggression across the Lifespan (Psych 477; undergraduate advanced seminar)
 - Fall 2016, Winter 2019, Fall 2021
- Topics in Clinical Science and Practice (Psych 771; graduate seminar)
 - Fall and Winter 2022-2023; Fall and Winter 2023 -2024
- Developmental Population Neuroscience (graduate seminar)
 - Winter, 2014
- Child Assessment Laboratory (graduate seminar)
 - Winter, 2014

Teaching Fellow - University of Pittsburgh, Pittsburgh, PA

- Abnormal Psychology – Fall 2009

Teaching Faculty - Salisbury School, Salisbury, CT (all-boys preparatory high school)

- Taught Biology, Field Studies, Ethics, and designed *Introductory Psychology* course
Fall 2003 – Spring 2005

Mentoring

Mentee Awards

2024 *Society of Clinical Child and Adolescent Psychology (SSCAP)/APA Div. 53 – Student Achievement Award – Early-Stage Graduate* to **Cleanthis Michael**

2024	<i>National Science Foundation Graduate Research Fellowship</i> to Summer Motton
2024	<i>Marshall M. Weinberg Fellowship in Cognitive Science</i> to Cleanthis Michael
2023	<i>Ruth L. Kirschstein Predoctoral Individual National Research Service Award</i> , from the National Institutes of Health (F31-MH131373) to Heidi Westerman
2022	<i>Rackham International Student Award</i> to Cleanthis Michael
2022	<i>Psychology Department Outstanding Graduate Instructor Award</i> to Heidi Westerman
2022	<i>APA Postdoctoral Minority Fellowship</i> to Isaiah Sypher
2020	<i>National Science Foundation Graduate Research Fellowship</i> to Gabriella Suarez
2019	<i>W.B. Pillsbury Prize</i> (awarded to the top Psychology Honors Thesis) to Elizabeth Estes
2019	<i>Albert C. Cain Research Award in Child Psychopathology</i> to Arianna Gard
2019	<i>Psychology Student Diversity Service Award Honorable Mention</i> to Isaiah Sypher
2018	<i>Wisconsin Emotion Symposium Travel Award</i> to Arianna Gard
2018	<i>Rackham Predoctoral Fellowship</i> (1 year full fellowship) to Arianna Gard
2017	<i>National Science Foundation Graduate Research Fellowship</i> to Rachel Roberts
2017	<i>The Elizabeth Douvan Junior Scholar Fund in Life Course Development</i> from the Institute for Social Research to Arianna Gard
2016	<i>National Science Foundation Graduate Research Fellowship</i> to Hailey Dotterer
2016	<i>Ford Foundation Predoctoral Fellowship – Honorable Mention</i> to Isaiah Sypher
2015	<i>UM Outstanding Postdoctoral Fellow Award</i> from the University of Michigan Office of postdoctoral studies to Rebecca Waller for demonstrating an outstanding breadth of excellence among research, mentorship, teaching, leadership and service.
2015	<i>National Science Foundation Graduate Research Fellowship – Honorable Mention</i> to Arianna Gard
2014	<i>Love of Learning Award</i> from Phi Kappa Phi Honor Society to Hailey Dotterer
2014	<i>Laperspetz Award</i> from the International Society for Research on Aggression to Rebecca Waller for an “exceptional presentation by a student or early career researcher”
2014	<i>National Science Foundation Graduate Research Fellowship – Honorable Mention</i> to Arianna Gard
2014	<i>Department of Psychology Conference Travel Award</i> to Hailey Dotterer
2014	<i>University of Michigan Honor’s grant</i> to Hailey Dotterer

Student Committee Membership

Dissertation Committees:

Johnna Swartz (2013; Developmental); Meghan Martz (2016; Developmental); Francisco Velasquez (2016, Developmental); Stefanie Block (2017; Clinical); Laura Murray (2018; Clinical; Chair), Tyler Hein (2019; Developmental), Brooke Slawinski (2019, Michigan State University; Clinical Psychology), Arianna Gard (2019; Developmental; Chair), Hailey Dotterer (2021; Clinical; Chair); Leigh Geotschius (2021; Developmental), Jaime Munoz-Velaquez (2021; Developmental), Isaiah Sypher (2021, Clinical; Chair), Rachel Tomlinson (2022, Clinical; Chair), Felicia Hardi (2024, Developmental), Heidi Westerman (2024, Clinical; Chair), Gabriella Suarez (2024, Developmental; Chair), Hannah Becker (2024, Clinical), Sujin Lee (2024, Clinical), Ryan Tung (2025, Neuroscience), Deaweh Benson (2025, Developmental), Linda Zhang (2025, Developmental), Carly Lasagna (2025, Clinical).

Candidacy Committee:

Adrienne Woods (2015; Combined program in Psychology and Education)

Undergraduate Honors Theses (primary mentor):

Hailey Dotterer (2014), Hannah McCabe (2015), Andrea Maxwell (2017), Kelly Rea (2017), Julia Swan (2017), Danielle Harrison (2018), Elizabeth Estes (2019)

Clinical Experience

Licensed Clinical Psychologist in the State of Michigan with experience in the following therapy approaches with adults, children and families: Cognitive Behavioral Therapy (CBT), Motivational Interviewing (MI), Interpersonal Therapy (IPT), Parent Management Training (PMT), Dialectical Behavior Therapy (DBT), and structural family therapy.

January 2015 – August 2015

Adjunct Faculty

Michigan State University Psychological Clinic – Supervisor

Supervised University of Michigan graduate student in individual and couples therapy.

January 2013 – August 2014

Adjunct Faculty

Michigan State University Psychological Clinic – staff psychologist and supervisor

Supervisor: Timothy Goth-Owens, PhD

Psychotherapy with adult, children, teens and families in an outpatient training clinic.

September 2011 – August 2012

Psychology Intern

Western Psychiatric Institute and Clinics – Clinical Psychology Internship Program

Longitudinal Clinical Supervisor: Tina Goldstein, PhD; Research Advisor: Brooke Molina, PhD.

Clinical rotations include experience in the following clinics/studies:

- The Resident Family Therapy Clinic – structural family therapy.
- Consult/Liaison Service, Children’s Hospital – Pittsburgh.
- Child and Adolescent Bipolar Services – Dialectical Behavior Therapy.
- Diagnostic Evaluation Center (psychiatric emergency department) – psychiatric intake.
- Treatment of Severe Childhood Aggression Study (TOSCA) with a focus on Parenting Training.
- Inpatient Dual-Diagnosis Services with a focus on Motivational Interviewing.
- Inpatient Eating Disorders Services (Center for Overcoming Eating) – individual therapy.
- Transplant Services – Children’s Hospital – Pittsburgh – psychosocial evaluation.
- Forensic Services – Allegheny County Jail – competency evaluations.

2008 – 2011

Graduate Extern

Graduate Clinical Externships in the following placements:

- **Early Steps Multisite Study** – Pitt Parents and Children Laboratory, University of Pittsburgh, Pittsburgh, PA. In-home administration of the Family Check-Up with young children involving motivational interviewing and parent management training. Fall 2010 – Summer 2011
- **Services for Adolescent and Family Enrichment (SAFE)** – Western Psychiatric Institute and Clinics, Pittsburgh, PA. Cognitive and Dialectical Behavior Therapy with children adjudicated of sexual offences in group and individual format with the Special Services Unit of the Allegheny County Court System. Clinic Director David Kolko, PhD, ABPP. Spring 2010 – Fall 2010.
- **Sports Concussion Program** – Department of Orthopaedic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA. Neuropsychological assessment and management of mild-severe traumatic brain injuries. Fall 2009
- **Diagnostic Emergency Center (DEC)** – Western Psychiatric Institute and Clinics, Pittsburgh, PA. Intake assessments within a psychiatric emergency room. Summer 2009.

- **Services for Teens at Risk (STAR clinic)** – Western Psychiatric Institute and Clinics, Pittsburgh, PA. Assessment and individual and group therapy for children with depression, anxiety, and self-injury using CBT and DBT. Clinic Director David Brent, MD. Fall 2008 – Summer 2009.
- **Child Development Unit**, Children’s Hospital – Pittsburgh, Pittsburgh, PA. Neuropsychological assessment of pediatric referral cases (i.e., medical disorders) and assessment of autistic and developmental disorders. Summer 2008.

2006 – 2008

Student Clinician

Clinical Psychology Center, University of Pittsburgh, Pittsburgh, PA

CBT and Interpersonal Psychotherapy (IPT) for adults, and cognitive, behavioral, and family therapies for children and adolescents. Psychodiagnostic and neuropsychological assessment of children and adults.

Summer 2004, 2005

Assistant Director - Head of Special/Individual Needs

Camp Shalom, Madison, WI

Camp Shalom is a summer day camp for school-age children serving 260 children per three week session. Intervened with campers and trained counselors in working with children with special needs.

Service

University of Michigan

2022 – 2024	Chair, Clinical Science Area, Department of Psychology
2023 – 2024	Search Committee Member – Clinical Psychology Area
2022 – 2023	Augmented Executive Committee, Department of Psychology
2021 – 2022	Faculty Search Committee Member, Institute for Firearm Injury Prevention
2021 – 2024	Faculty Representative, Advisory Board on Intercollegiate Athletics
2021 – 2024	Faculty Representative, Academic Performance Committee
2021 – 2023	Rackham Standing Committee on Graduate Student Mental Health
2021 – 2022	Annual Review Committee – Psychology Department
2020 – 2023	Elected member of the University Senate Assembly
2020 – 2021	University of Michigan President & Provost’s COVID Faculty Council
2020 – 2021	Rackham Task Force on Graduate Student Mental Health
2019 – 2022	Practicum Committee – Clinical Science Area
2018 –	Development Committee – Psychology Department
2019 – 2021	Awards Committee – Psychology Department
2019 – 2020	Chair, Graduate Admissions Committee – Clinical Science Area
2018 – 2019	Annual Review Committee – Psychology Department
2018 – 2019	Chair, Graduate Admissions Committee – Clinical Science Area
2018 – 2019	Search Committee Member – Social Psychology, Psychology
2018 – 2019	Augmented Executive Committee – Psychology Department
2017 – 2018	Search Committee Member – Social Neuroscience, Psychology Department
2015 – 2017	Executive Committee – Center for Human Growth and Development
2016 – 2017	Chair – Social Committee – Clinical and Developmental Psychology areas
2015 – 2016	Executive Committee – Department of Psychology
2015 – 2016	Diversity post-doc position search committee; Clinical Science area
2014 –	Training Grant Committee – Developmental Psychology Area

2014 – 2015 Chair – Graduate admissions committee – Clinical Psychology Area
2012 – 2015 Chair – Brown Bag committee – Developmental Psychology Area
2012 – 2016 Graduate admissions committee – Clinical Psychology Area

University of Pittsburgh

2010 – 2011 Faculty search committee member (Developmental or Health Psychology hire)
2010 – 2011 Mentor: Hot Metal Bridge Scholars (HMB). *HMB scholars is a post-baccalaureate program for under-represented minorities to help prepare students for a successful program of doctoral studies*
2008 – 2010 Graduate Education Committee (student representative)
2007 – 2008 Clinical Program Faculty Committee (student representative)