

# Luke Williamson Hyde, PhD

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## Academic Positions

### University of Michigan, Ann Arbor, MI

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

<i>Faculty Associate</i> – Survey Research Center, Institute for Social Research	2013 – present
<i>Affiliate Faculty</i> – Substance Abuse Program, Department of Psychiatry	2013 – present
<i>Member</i> – BioSocial Methods Collaborative, Institute for Social Research	2013 – present

<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

<b>Licensure:</b> State of Michigan – Licensed Clinical Psychologist License #6301015345	2014 – present
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## Education

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<b>Western Psychiatric Institute and Clinics</b> , Pittsburgh, PA Clinical Psychology Intern	2011 – 2012
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<b>University of Pittsburgh</b> , 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>	
○ Mentor: <u>Daniel S. Shaw</u> , Professor and Chair, Department of Psychology	
○ Committee: Susan B. Campbell, Erika E. Forbes, Ahmad R. Hariri, Stephen B. Manuck	
• M.S. Clinical and Developmental Psychology	2007

<b>Center for the Neural Basis of Cognition</b> University of Pittsburgh and Carnegie Mellon University, Pittsburgh PA	2007 – 2012
• Concentration in Cognitive Neuroscience	
○ Mentor: <u>Ahmad R. Hariri</u> , Professor, Department of Psychology and Neuroscience, Duke University	

<b>Williams College</b> , Williamstown, MA B.A. <i>Cum Laude</i> 2003	1999 - 2003
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## Honors and Awards

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- 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: *For work by a young scientist who has made a distinguished theoretical contribution to developmental psychology, has conducted programmatic research of distinction, or has made a distinguished contribution to the dissemination of developmental science.*
- 2016 **The Conway Family Award for Excellence in Neuroscience**, Avielle Foundation
- 2015 **“Rising Star”** by the Association for Psychological Science: *Recognizing outstanding earliest career psychological scientists whose innovative work has already advanced the field.*
- 2012 **Robert Wood Johnson Health and Society Scholars Fellowship** (declined)
- 2011 **Bassell Student Award**, University of Pittsburgh: *Given annually by the Clinical Psychology Program to a student prior to leaving on internship that recognizes outstanding achievement in the program and promise for future accomplishments.*
- 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 **Predocctoral Training Fellowship** in Behavioral Brain Research (B<sup>2</sup>) - 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 Honorable Mention - **National Science Foundation Graduate Research Fellowship**

## Publications

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### Peer Reviewed Articles

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

101. Herting, M.M., Uban, K.A., Gonzalez, M.R., Baker, F.C., Kan, E.C., Thompson, W.K.,...**Hyde, L.W.**,...Sowell, E.R., (in press). Correspondence between perceived pubertal development and hormone levels in 9-10 year-olds from the Adolescent Brain Cognitive Development study. *Frontiers in Endocrinology*.
100. 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*. DOI: 10.1093/scan/nsaa157
99. 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., (in press). Differentiated Nomological Networks of Internalizing, Externalizing, and the General Factor of Psychopathology (“P factor”) in Emerging Adolescence in the ABCD study. *Psychological Medicine*. <https://psyarxiv.com/d6htz>
98. 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*. DOI: 10.1093/scan/nsaa144
97. 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
96. \*#**Hyde, L.W.**, #Gard, A.M., Tomlinson, R.C., Burt, S.A., Mitchell, C., & Monk, C.S. (in press). An Ecological Approach to Understanding the Developing Brain: Examples linking poverty, parenting, neighborhoods, and the brain. *American Psychologist*.  
# Shared first authorship
95. Gard, A. M., Hein, T. C., Mitchell, C., Brooks-Gunn, J., McLanahan, S., Monk, C. S., & \***Hyde, L.W.** (in press). Prospective longitudinal effects of harsh parenting on corticolimbic function during adolescence. *Development and Psychopathology*.
94. Burt, S.A., Clark, D.A., Gershoff, E.T., Klump, K.L., & **Hyde, L.W.** (in press). Twin differences in harsh parenting predict youth antisocial behavior. *Psychological Science*.
93. 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), Childhood violence exposure and resting-state connectivity: Person-specific networks capture heterogeneity and some consistency. *JAMA Network Open*, 3, e2017850. DOI: 10.1001/jamanetworkopen.2020.17850

92. Clark, D. A., Hicks, B. M., Angstadt, M., Rutherford, S., Taxali, A., **Hyde, L. W.**, Weigard, A., Heitzeg, M. M., & Sripada, C. (in press). The General Factor of Psychopathology in the Adolescent Brain Cognitive Development (ABCD) Study: A Comparison of Alternative Modeling Approaches. *Clinical Psychological Science*. Available at <https://www.psycharxiv.com/b6uy7>
91. 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
90. 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. (2020). Differential associations of parental harshness and parental disengagement with overall cortisol output at 15 years: Implications for adolescent mental health. *Development and Psychopathology*. DOI: 10.1017/S0954579420000954
89. 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 Semi-Structured Interview to Assess Limited Prosocial Emotions. *Assessment*. DOI: 10.1177/1073191120947796
88. 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.** (2020). Beyond family-level adversities: Exploring the developmental timing of neighborhood effects on the brain. *Developmental Science*. DOI: 10.1111/desc.12985
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*. 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(1), 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. 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
80. Sripada, C., Rutherford, S. Angstadt, M., Thompson, W.K., Luciana, M., Weigard, A., **Hyde, L.W.**, & Heitzeg, M. (in press). Prediction of Neurocognitive Profiles in Youth From Resting State fMRI. *Molecular Psychiatry*. <https://www.biorxiv.org/content/early/2018/12/13/495267?rss=1>
79. 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*, p. e12541. DOI: 10.1111/ijpo.12541.
78. 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
77. 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
76. Hawes, S., Waller, R., Thompson, W., **Hyde, L.W.**, Byrd, A.L., Burt, S.A., Klump, K.L. & Gonzalez, R. (2019). Assessing Callous-Unemotional Traits: Development of a brief, reliable measure in a large and diverse sample of preadolescent youth. *Psychological Medicine*. DOI: 10.1017/S0033291719000278
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. 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
69. Gard, A.M., Dotterer, H.L., & \***Hyde, L.W.** (2018). Genetic influences on antisocial behavior: recent advances and future directions. *Current Opinion in Psychology*. DOI: 10.1016/j.copsyc.2018.07.013
68. 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*. DOI: 10.1037/per0000308
67. 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
66. 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
65. 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
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 on 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.I., **\*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
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#### Chapters and other contributions

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, 2<sup>nd</sup> 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, 3<sup>rd</sup> Edition – Volume II*. Hoboken, NJ: Wiley and Sons.
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## Funding

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### Current:

- |  |                             |                         |
|--|-----------------------------|-------------------------|
| <b>UH3-MH114249-04S1</b>   | Hyde & Burt (MPIs)          | 09/15/2020 – 06/30/2021 |
| NIMH   |                             | Total Costs: \$312,719  |
| <i>Mechanisms underlying resilience to neighborhood disadvantage (Administrative Supplement)</i>   |                             |                         |
| The overarching goal of the proposed 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. |                             |                         |
| Role: PI   |                             |                         |
|  |                             |                         |
| <b>R01-MH121079-02S1</b>   | Hyde, Mitchell, Monk (MPIs) | 08/01/2020 – 06/30/2021 |
| NIMH   |                             | Total Costs: \$155,961  |
| <i>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.</i>  |                             |                         |
| 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 and to identify potential moderators of these effects.  |                             |                         |
| Role: PI   |                             |                         |
|  |                             |                         |
| <b>R01HD093334-S1</b>  | Hyde & Burt (MPIs)          | 06/2020 – 05/2022       |
| <i>From neighborhood disadvantage to antisocial behavior: Neurobiological pathways – Diversity Supplement</i>  |                             |                         |
| 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  |                             |                         |
|  |                             |                         |
| <b>T32-AA007477</b>  | Blow (PI)                   | 07/2020 – 06/2025       |
| NIAAA  |                             |                         |
| <i>Multidisciplinary Alcoholism Research Training Program</i>  |                             |                         |
| 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 – 06/30/2024  
 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  
*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
- R01 HD093334** Hyde & Burt (MPIs) 08/18/2017 – 05/31/22  
 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 (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 – 01/2021 (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
- UG3/UH3 MH114249** Hyde & Burt (MPIs) 09/01/2017 – 08/31/22  
 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 – 05/31/22  
 NIMHD Effort: .6 months/year Total Costs: \$3,459,908  
*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
- 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
- T32-HD007109** McLoyd & Monk (MPIs) 05/2016 – 04/2021  
 NICHD  
*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
- 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
- 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
- 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 growing up with poverty-related stressors.  
 Role: Co-Investigator

**Past:**

**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.

Role: PI

**MCubed** Hyde, Gearhart, & Lumeng (PIs) 10/2015 – 08/2017  
 University of Michigan Effort: N/A 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

NIH/NIGMS

*Predocctoral Training Program in Behavioral Brain Research*

Predocctoral 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**

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### **Conference Presentations**

- 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-Koone, 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**

- 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-Adriance, 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**

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### Extramural presentations:

- 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, 26<sup>th</sup> Annual Symposium on Research in Psychiatry, Psychology, and Behavioral Science; University of Toledo, Bowling Green State University, & University of Michigan-Dearborn
- 2017 Northwestern University, Clinical Psychology Area, Department of Psychology, Evanston, IL
- 2017 American Psychological Association Annual Meeting: Boyd McCandless Award address, Washington, DC
- 2017 Association for Psychological Science Annual Meeting: Invited Address, Boston, MA
- 2015 University of North Carolina, Carolina Consortium on Human Development, Center for Developmental Science, Chapel Hill, NC
- 2015 Yale University, Clinical Psychology Area, Department of Psychology, New Haven, CT
- 2015 Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Perinatology Research Branch, Detroit, MI
- 2015 Association for Psychological Science Annual Meeting, New York, NY
- 2014 Emory University, Center for Mind, Brain, and Culture, Atlanta, GA
- 2014 Association for Psychological Science Annual Meeting, San Francisco, CA
- 2014 University of Virginia, the International Max Plank Research School on the Life Course Academy 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:*

- 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

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Reviewing

2021 – 2022 Editorial Board – Personality Disorders: Theory, Research, and Treatment  
 2016 – 2021 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 – present Consulting Editor – Journal of Abnormal Psychology  
*Guest Action Editor - 2020*

Ad-Hoc Reviewer (last 5 years)

Aggressive Behavior; American Journal of Psychiatry; Assessment; Biological Psychiatry; Cerebral Cortex; Child Development; Clinical Psychological Science; Clinical Psychology Review; Cognitive, Affective and Behavioral Neuroscience; Cortex; Culture and Brain; Developmental Psychology; Developmental Science; Development and Psychopathology; Genes, Brain, and Behavior; Human Brain Mapping; JAMA; JAMA Psychiatry; Journal of Applied Developmental Psychology; Journal of Neuroscience; Journal of Personality; Journal of Personality and Social Psychology; Journal of Personality Assessment; Journal of Research in Personality, Journal of Research on Adolescence; Molecular Psychiatry; Nature Communications; NeuroImage; NeuroImage: Clinical; Pediatric Research; Perspectives in Psychological Science; Personality Disorders: Theory, Research and Treatment; Neuropsychopharmacology.

Grant Reviewing

2015 – 2021 NIH Ad Hoc Study Section Member  
*Psychosocial Development, Risk and Prevention (PDRP) study section*  
 February, 2015; June, 2017, January 2018, October 2019, October, 2020, February, 2021  
  
*F02A Study Section (Behavioral Neuroscience Fellowships), May, 2020*  
 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  
 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

## **Teaching Experience**

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

- Introduction to Psychopathology (Psych 270; undergraduate large lecture)
  - Fall, 2014; Winter 2017; Winter 2020
  - 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
- 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

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## Mentoring

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**Mentee Awards**

- 2020 *National Science Foundation Graduate Research Fellowship* to **Gabriella Suarez**
- 2019 *W.B. Pillsbury Prize* (awarded to the top Psychology Honors Thesis) to **Elizabeth Estes**
- 2019 *Albert C. Cain Research Award in Child Psychopathology* to **Arianna Gard**
- 2019 *Psychology Student Diversity Service Award Honorable Mention* to **Isaiah Sypher**
- 2018 *Wisconsin Emotion Symposium Travel Award* to **Arianna Gard**
- 2018 *Rackham Predoctoral Fellowship* (1 year full fellowship) to **Arianna Gard**
- 2017 *National Science Foundation Graduate Research Fellowship* to **Rachel Roberts**
- 2017 *The Elizabeth Douvan Junior Scholar Fund in Life Course Development* from the Institute for Social Research to **Arianna Gard**
- 2016 *National Science Foundation Graduate Research Fellowship* to **Hailey Dotterer**
- 2016 *Ford Foundation Predoctoral Fellowship – Honorable Mention* to **Isaiah Sypher**
- 2015 *UM Outstanding Postdoctoral Fellow Award* 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 *National Science Foundation Graduate Research Fellowship – Honorable Mention* to **Arianna Gard**
- 2014 *Love of Learning Award* from Phi Kappa Phi Honor Society to **Hailey Dotterer**
- 2014 *Laperspetz Award* from the International Society for Research on Aggression to **Rebecca Waller** for an “exceptional presentation by a student or early career researcher”
- 2014 *National Science Foundation Graduate Research Fellowship – Honorable Mention* to **Arianna Gard**
- 2014 *Department of Psychology Conference Travel Award* to **Hailey Dotterer**
- 2014 *University of Michigan Honor’s grant* 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).

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

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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

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### University of Michigan

2020 – 2023	Elected member of the University Senate Assembly
2020 – 2021	University of Michigan President’s COVID Faculty Council
2020 – 2021	Rackham Task Force on Graduate Student Mental Health
2019 – 2020	Practicum Committee – Clinical Science Area
2018 – present	Development Committee – Psychology Department
2019 – 2020	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 – present	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)
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- 2010 – 2011 Mentor: Hot Metal Bridge Scholars (HMB). *HMB scholars is a post-baccalaureate program for students from under-represented backgrounds 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)