

**Kathryn Paige Harden, Ph.D.**

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The University of Texas at Austin  
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THE UNIVERSITY OF  
**TEXAS**  
— AT AUSTIN —

**EDUCATION**

May 2009                      **Ph.D.**, University of Virginia, Charlottesville, VA  
Department of Psychology (Clinical Psychology)

May 2005                      **M.A.**, University of Virginia, Charlottesville, VA  
Department of Psychology (Clinical Psychology)

May 2003                      **B.S.**, Furman University, Greenville, SC  
Department of Psychology  
Magna cum laude  
Phi Beta Kappa

**APPOINTMENTS**

Sept. 2020 – Ongoing              Professor, Department of Psychology  
University of Texas at Austin, Austin, TX

Sept. 2015 – 2020              Associate Professor with Tenure, Department of Psychology  
University of Texas at Austin, Austin, TX

Sept. 2015 – June 2016              Russell Sage Foundation Visiting Scholar  
New York, NY

August 2009 – 2015              Assistant Professor, Department of Psychology  
University of Texas at Austin, Austin, TX

August 2009 – Ongoing              Faculty Research Associate, Population Research Center  
University of Texas at Austin, Austin, TX

July 2008 – June 2009              Predoctoral Intern in Clinical Psychology  
McLean Hospital, Belmont, MA  
Harvard Medical School, Boston, MA

**PUBLICATIONS (2015 – Present)**

\*Graduate student advisee or post-doctoral fellow

**Peer-Reviewed Journal Articles (including Accepted and In Press)**

1. Harden, K.P. (In press). "Reports of my death have been greatly exaggerated": Behavioral genetics in the postgenomic era. *Annual Review of Psychology*.

2. Demange, P. A., \*Malanchini, M., \*Mallard, T. T., Biroli, P., Cox, S. R., \*Grotzinger, A. D., ... Belsky, D.W., Harden, K.P., & Nivard, M.G. (In press). Investigating the genetic architecture of non-cognitive skills using GWAS-by-subtraction. *Nature Genetics*. Preprint on *bioRxiv*. <https://www.biorxiv.org/content/10.1101/2020.01.14.905794v1.abstract>
3. \*Raffington, L., \*Mallard, T.T., & Harden, K.P. (In press). Polygenic scores in developmental psychology: Invite genetics in, leave biodeterminism out. *Annual Review of Developmental Psychology*.
4. Meddens, S.F.W., de Vlaming, R., Bowers, P., Burik, C.A.P., Linnér, R.K., .... Harden, K.P., ... Koellinger, P.D. (2020). Genomic analysis of diet composition finds novel loci and associations with health and lifestyle. *Molecular Psychiatry*. <https://doi.org/10.1038/s41380-020-0697-5>
5. Harden, K.P., & Koellinger, P.D. (2020). Using genetics for social science. *Nature Human Behaviour*.
6. \*Malanchini, M., Engelhardt, L.E., \*Raffington, L., \*Sabhlok, A., \*Grotzinger, A.D., Briley, D.A., Madole, J.W., Freis, S.M., Patterson, M.W., Harden, K.P. † & Tucker-Drob, E.M. †. (2020). Weak and uneven associations of home, neighborhood, and school hormones with stress hormone output across multiple timescales. *Molecular Psychiatry*. Preprint on *bioRxiv*. <https://www.biorxiv.org/content/biorxiv/early/2019/07/18/705996.full.pdf>
7. Harden, K.P.†, Domingue, B.†, Belsky, D.W., Boardman, J.D., Crosnoe, R., Malanchini, M., Nivard, M., Tucker-Drob, E.M., & Harris, K.M. (2020). Polygenic associations with advanced mathematics coursetaking in U.S. high schools. *npj Science of Learning*, 5, 1. <https://doi.org/10.1038/s41539-020-0060-2>
8. Demeter, D. V., Engelhardt, L. E., Mallett, R., Gordon, E. M., Nugiel, T., Harden, K. P., ... & Church, J. A. (2020). Functional connectivity fingerprints at rest are similar across youths and adults and vary with genetic similarity. *iScience*, 23(1), 100801. <https://doi.org/10.1016/j.isci.2019.100801>
9. Hartung, J., Engelhardt, L. E., Thibodeaux, M. L., Harden, K. P., & Tucker-Drob, E. M. (2020). Developmental transformations in the structure of executive functions. *Journal of Experimental Child Psychology*, 189, 104681.
10. Harden, K.P., \*Engelhardt, L.E., \*Mann, F.D., \*Patterson, M.W., \*Grotzinger, A.D.,... & Tucker-Drob, E.M. (2019). Genetic associations between executive functioning and a general factor of psychopathology. *Journal of the American Academy of Child & Adolescent Psychiatry*. <https://doi.org/10.1016/j.jaac.2019.05.006>
11. 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. <http://dx.doi.org/10.1017/S0033291719000771>
12. \*Grotzinger, A.D., Rhemtulla, M., de Vlaming, R., Ritchie, S., Mallard, T.T., ... Harden, K.P., Nivard, M.G., & Tucker-Drob, E.M. (2019). Genomic SEM provides insights into the multivariate architecture of complex traits. *Nature Human Behaviour*, 3, 513-525. <https://doi.org/10.1038/s41562-019-0566-x>
13. Wood, A.C., Vainik, U., Engelhardt, L.E., Briley, D.A., Grotzinger, A., Church, J.A., Harden, K.P., & Tucker-Drob, E.M. (2019). Genetic overlap between body mass index and executive functions in childhood. *The American Journal of Clinical Nutrition*, 110, 814-822. <https://doi.org/10.1093/ajcn/nqz109>
14. Zheng, A., Briley, D.A., Malanchini, M., Tackett, J.L, Harden, K.P., & Tucker-Drob, E.M. (2019). Genetic and environmental influences on achievement goal orientations shift with age. *European Journal of Personality*, 33, 317-336. <https://doi.org/10.1002/per.2202>
15. \*Malanchini, M., \*Engelhardt, L.E., \*Grotzinger, A.D., Harden, K.P., & Tucker-Drob, E.M. (2019). 'Same but different': Associations between multiple aspects of self-regulation, cognition and academic abilities. *Journal of Personality and Social Psychology*, 117, 1164. <http://dx.doi.org/10.1037/pspp0000224>
16. Silventoinen, K., et al. [consortium]. (2019). Parental education and genetics of BMI from infancy to old age: A pooled analysis of 29 twin cohorts. *Obesity*, 27, 855-865. <https://doi-org/10.1002/oby.22451>
17. \*Grotzinger, A.D., Cheung, A.K., Patterson, M.W., Harden, K.P., & Tucker-Drob, E.M. Genetic and environmental links

- between general factors of psychopathology and cognitive ability in early childhood. (2019). *Clinical Psychological Science*, 7, 430-444. <https://doi.org/10.1177/2167702618820018>
18. Belsky, D.W., & Harden, K.P. (2019). Phenotypic annotation: Using polygenic scores to translate discoveries from genome-wide association studies from the top-down. *Current Directions in Psychological Science*, 28, 82-90. <https://doi.org/10.1177/0963721418807729>
  19. \*Madole, J., Rhemtulla, M., \*Grotzinger, A.D., Tucker-Drob, E.M., & Harden, K.P. (2019). Testing cold and hot cognitive control as moderators of a network of comorbid psychopathology symptoms in adolescence. *Clinical Psychological Science*, 7, 701-718. <https://doi.org/10.1177/2167702619842466>
  20. Ayoub, M., Briley, D.W., \*Grotzinger, A.D., \*Patterson, M.W., \*Engelhardt, L.E., Tackett, J.L., Harden, K.P., & Tucker-Drob, E. M. (2019). Genetic and environmental associations between child personality and parenting. *Social Psychological and Personality Science*, 10, 711-721. <https://doi.org/10.1177/2167702619842466>
  21. Möttus, R., Briley, D.A., Mann, F.D., Tackett, J.L., Harden, K.P., & Tucker-Drob, E.M. (2019). Kids becoming less alike: A behavioral genetic decomposition of developmental increases in personality variance from childhood to adolescence. *Journal of Personality and Social Psychology*. Advance online publication. <https://doi.org/10.1037/pspp0000194>
  22. \*Engelhardt, L.E., Church, J.A., Harden, K.P., & Tucker-Drob, E.M. (2019). Accounting for the shared environment in cognitive abilities and academic achievement with measured socioecological contexts. *Developmental Science*, 22, e12699. <https://doi.org/10.1111/desc.12699>
  23. \*Engelhardt, L.E., Harden, K.P., Tucker-Drob, E.M., & Church, J.A. (2019). The neural architecture of executive function is established by middle childhood. *NeuroImage*, 185, 479-489. <https://doi.org.ezproxy.lib.utexas.edu/10.1016/j.neuroimage.2018.10.024>
  24. Koellinger, P.D., & Harden, K.P. (2018). Using nature to understand nurture. *Science*, 359, 386-387. <https://doi.org/10.1126/science.aar6429>
  25. \*Patterson, M.W., \*Mann, F.D., \*Grotzinger, A.D., Tackett, J.L., Tucker-Drob, E.M., & Harden, K.P. (2018). Genetic and environmental influences on internalizing psychopathology across age and pubertal development. *Developmental Psychology*, 54, 1928-1939. <http://dx.doi.org/10.1037/dev0000578>
  26. \*Mallard, T.T., Harden, K.P., & Fromme, K. (2018). Genetic risk for schizophrenia influences substance use in emerging adulthood: An event-level polygenic prediction model. *Psychological Medicine*. Advance online publication. <https://doi.org/10.1017/S0033291718002817>
  27. \*Grotzinger, A.D., Briley, D.A., Englehardt, L.E., Mann, F.D., Patterson, M.W., Tackett, J.L., Tucker-Drob, E.M., & Harden, K.P. (2018). Genetic and environmental influences on pubertal hormones in human hair across development. *Psychoneuroendocrinology*, 90, 76-84. <https://doi.org/10.1016/j.psyneuen.2018.02.005>
  28. \*Grotzinger, A.D., \*Mann, F.D., \*Patterson, M.W., Tackett, J.L., Tucker-Drob, E.M., & Harden, K.P. (2018). Hair and salivary testosterone, hair cortisol, and externalizing behaviors in adolescents. *Psychological Science*, 29, 688-699. <https://doi.org/10.1177/0956797617742981>
  29. Harden, K.P., \*Mann, F.D., \*Grotzinger, A.G., \*Patterson, M.W., Steinberg, L., Tackett, J.L., & Tucker-Drob, E.M. (2018). Developmental differences in reward sensitivity and sensation seeking in adolescence: Testing sex-specific associations with gonadal hormones and pubertal development. *Journal of Personality and Social Psychology*, 115, 161-178.
  30. \*Mallard, T.T., Ashenhurst, J.R., Harden, K.P., & Fromme, K. (2018). GABRA2, alcohol, and illicit drug use: An event-level model of genetic risk for polysubstance use. *Journal of Abnormal Psychology*, 127, 190-201.
  31. \*Grotzinger, A.D., \*Mann, F.D., \*Patterson, M.W., Herzhoff, K., Tackett, J.L., Tucker-Drob, E.M., & Harden, K.P. (2018). Twin models of environmental and genetic influences on pubertal development, salivary testosterone and estradiol in adolescence. *Clinical Endocrinology*, 88, 243-250.

32. Silventoinen, K., et al. [consortium]. (2017) Education in twins and their parents across birth cohorts over 100 years: A individual-level pooled analysis of 42 twin cohorts. *Twin Research and Human Genetics*, *20*, 395-405.
33. \*Mann, F.D., \*Paul, S., Tackett, J.L., Tucker-Drob, E.M., & Harden, K.P. (2018). Personality risk for antisocial behavior: Testing the intersections between callous-unemotional traits, sensation seeking, and impulse control in adolescence. *Development and Psychopathology*, *30*, 267-282.
34. \*Mann, F.D., Tackett, J.L., Tucker-Drob, E.M., & Harden, K.P. (2018). Callous-unemotional traits moderate genetic and environmental influences on rule-breaking and aggression: Evidence for gene  $\times$  trait interaction. *Clinical Psychological Science*, *6*, 123-133.
35. Ashenhurst, J.R., Harden, K.P., \*Mallard, T.T., Corbin, W.R., & Fromme, K. (2017). Developmentally specific associations between CNR1 genotype and cannabis use across emerging adulthood. *Journal of Studies on Alcohol and Drugs*, *8*, 686-695.
36. \*Engelhardt, L.E., Roe, M. A., Juranek, J., DeMaster, D., Harden, K.P., Tucker-Drob, E.M., & Church, J.A. (2017). Children's head motion during fMRI tasks is heritable and stable over time. *Developmental Cognitive Neuroscience*, *25*, 58-68.
37. Harden, K.P., \*Kretsch, N., \*Mann, F.D., Herzhoff, K., Tackett, J.L., Steinberg, L., & Tucker-Drob, E.M. (2017). Beyond dual systems: A genetically-informed, latent factor model of behavioral and self-report measures related to adolescent risk-taking. *Developmental Cognitive Neuroscience*, *25*, 221-234.
38. \*Mann, F.D., \*Engelhardt, L.E., Briley, D.A., \*Grotzinger, A.D., \*Patterson, M.W., Tackett, J.L., Statham, D.J., Heath, A., Lynskey, M.T., Slutske, W.G., Martin, N.G., Tucker-Drob, E.M., Harden, K.P. (2017). Sensation seeking and impulsive traits as personality endophenotypes for antisocial behavior: Evidence from two independent samples. *Personality and Individual Differences*, *105*, 30-39.
39. Yan, N., Benner, A., Tucker-Drob, E.M., & Harden, K.P. (2017). Mothers' early depressive symptoms and preschoolers' behavioral problems: The moderating role of genetic influences. *Child Psychiatry and Human Development*, *48*, 434.
40. \*Patterson, M.W., \*Cheung, A.K., \*Mann, F.D., Tucker-Drob, E.M., & Harden, K.P. (2017). Multivariate analysis of genetic and environmental influences on parenting in adolescence. *Journal of Family Psychology*, *31*, 532-541.
41. Eastwick, P.W., Harden, K.P., Shukusky, J.A., Morgan, T.A., & Joel, S. (2017). Consistency and inconsistency among romantic partners over time. *Journal of Personality and Social Psychology*, *112*, 838-859.
42. Suleiman, A.B., Galvan, A., Harden, K.P., & Dahl, R.E. (2017). Becoming a sexual being: The "elephant in the room" of adolescent brain development. *Developmental Cognitive Neuroscience*, *25*, 209-220.
43. Tucker-Drob, E.M., \*Grotzinger, A., Briley, D.A., \*Engelhardt, L.E., \*Mann, F.D., ... Harden, K.P. (2017). Genetic influences on hormonal markers of chronic hypothalamic-pituitary-adrenal function in human hair. *Psychological Medicine*, *47*, 1389-1401.
44. \*Ashenhurst, J.R., Wilhite, E.R., Harden, K.P., & Fromme, K. (2017). Number of sexual partners and relationship status are associated with unprotected sex across emerging adulthood. *Archives of Sexual Behavior*, *46*, 419.
45. \*Ashenhurst, J.R., Harden, K.P., Corbin, W.R., & Fromme, K. (2016). Alcohol-related genes show an enrichment of associations with a persistent externalizing factor. *Journal of Abnormal Psychology*, *125*, 933-945.
46. \*Mann, F.D., \*Patterson, M.W., \*Grotzinger, A., \*Kretsch, N., Tackett, J.L., Tucker-Drob, E.M., & Harden, K.P. (2016). Sensation seeking, peer deviance, and genetic influences on adolescent delinquency: Evidence for person-environment correlation and interaction. *Journal of Abnormal Psychology*, *125*, 679-691.
47. Shulman, E., Harden, K.P., Chein, J. & Steinberg, L. (2016). The development of impulse control and sensation seeking in adolescence: Independent or interdependent processes. *Journal of Research on Adolescence*, *26*, 37-44.
48. Harden, K.P., Wrzus, C., Luong, G., \*Grotzinger, A., Bajbouj, M., Rautava, A., Wagner, G.G., & Riediger, M. (2016). Diurnal coupling between testosterone and cortisol from adolescence to older adulthood. *Psychoneuro-endocrinology*, *73*, 79-90.

49. Suleiman, A.B., & Harden, K.P. (2016). The importance of sexual and romantic development in understanding the developmental neuroscience of adolescence. *Developmental Cognitive Neuroscience, 17*, 145-147.
50. \*Kretsch, N., Mendle, J., Cance, J.D., & Harden, K.P. (2016). Peer group similarity in perceptions of pubertal timing. *Journal of Youth and Adolescence, 45*, 1696-1710.
51. Mendle, J., Moore, S.R., \*Briley, D.A. & Harden, K.P. (2016). Puberty, socioeconomic status, and depression in girls: Evidence for gene  $\times$  environment interactions. *Clinical Psychological Science, 4*, 3-16.
52. \*Kretsch, N., Mendle, J., Harden, K.P. (2016). A twin study of objective and subjective pubertal timing and peer influence on adolescent risk-taking. *Journal of Research on Adolescence, 26*, 45-59.
53. Silventoinen, K., et al. [consortium]. (2016) Genetic and environmental effects on body mass index from infancy to the onset of adulthood: an individual-based pooled analysis of 45 twin cohorts participating in the CODATwins study. *American Journal of Clinical Nutrition, 104*,371-379.
54. \*Engelhardt, L.E, \*Mann, F.D., Briley, D.A., Church, J.A., Harden, K.P. , & Tucker-Drob, E.M. (2016). Strong genetic overlap between executive functions and intelligence. *Journal of Experimental Psychology: General, 145*, 1141-1159.
55. Tucker-Drob, E.M., Briley, D.A., \*Engelhardt, L.E., \*Mann, F.D., & Harden, K.P. (2016). Genetically-mediated associations between measures of childhood character and academic achievement. *Journal of Personality and Social Psychology, 111*, 790-815.
56. Cheung, A.K., Harden, K.P., & Tucker-Drob, E.M. (2016). Multivariate behavioral genetic analysis of parenting in early childhood. *Parenting: Science and Practice, 16*, 257-283.
57. \*Ashenhurst, J.R., Harden, K.P., Corbin, W.R., R, K. (2015). Trajectories of binge drinking and personality change across emerging adulthood. *Psychology of Addictive Behaviors, 29*, 978-991.
58. \*Carlson, M.D., Harden, K.P., \*Kretsch, N., Corbin, W.R., Fromme, K. (2015). Interactions between DRD4 and developmentally specific environments in alcohol dependence symptoms. *Journal of Abnormal Psychology, 124*, 1043-1049.
59. \*Mann, F.D., \*Briley, D.M., Tucker-Drob, E.M., & Harden, K.P. (2015). A behavior genetic analysis of callous-unemotional traits and Big Five personality in adolescence. *Journal of Abnormal Psychology, 124*, 982-993.
60. Harden, K.P., \*Patterson, M.W., \*Briley, D.A., \*Engelhardt, L.E., \*Kretsch, N., \*Mann, F.D., Tackett, J.L., & Tucker-Drob, E.M. (2015). Developmental changes in genetic and environmental influences on rule-breaking and aggression: age and pubertal development. *Journal of Child Psychology and Psychiatry, 56*, 1370-1379.
61. Jelenkovic, A., et al. [consortium]. (2015). Zygosity differences in height and body mass index of twins from infancy to old age: A study of the CODAtwins project. *Twin Research and Human Genetics, 18*, 557-570.
62. Silventoinen, K., et al. [consortium]. (2015). The CODAtwins project: the cohort description of Collaborative Project of Development of Anthropological Measures in Twins to study macro-environmental variation in genetic and environmental effects on anthropomorphic traits. *Twin Research and Human Genetics, 18*, 348-360.
63. \*Cheung, A. K., Harden, K. P., & Tucker-Drob, E. M. (2015). From specialist to generalist: Developmental transformations in the genetic structure of early child abilities. *Developmental Psychobiology, 57*, 566-583.
64. Harden, K.P., & Klump, K.L. (2015). Introduction to the Special Issue on Gene-Hormone Interplay. *Behavior Genetics, 45*, 263-267.
65. Harden, K.P., & \*Mann, F.D. (2015). Biological risk for the development of adolescent externalizing: Integrating insights from behavioral genetics and neuroscience. *Child Development Perspectives, 9*, 211-216.
66. \*Briley, D.A., Harden, K.P., Bates, T.C., & Tucker-Drob, E.M. (2015). Non-parametric estimates of gene  $\times$  interaction using local structural equation modeling. *Behavior Genetics, 45*, 581-596.
67. \*Engelhardt, L.E., \*Briley, D.A., \*Mann, F.D., Harden, K.P., & Tucker-Drob, E.M. (2015). Genes unite executive functions in

childhood. *Psychological Science*, 26, 1151-1163.

68. Harden, K.P., \*Carlson, M.D., \*Kretsch, N., Corbin, W.R., & Fromme, K. (2015). Childhood sexual abuse and impulsive personality traits: Mixed evidence for moderation by *DRD4* genotype. *Journal of Research in Personality*, 55, 30-40.
69. Tackett, J.L., Reardon, K.W., Herzhoff, K., Page-Gould, E., Harden, K.P., & Josephs, R.A. (2015). Estradiol and cortisol interactions in youth externalizing psychopathology. *Psychoneuroendocrinology*, 55, 146-153.
70. \*Briley, D.A., Harden, K.P., & Tucker-Drob, E.M. (2015). Genotype  $\times$  cohort interaction on completed fertility and age at first birth. *Behavior Genetics*, 45, 71-83.
71. \*Mann, F.D., \*Kretsch, N., Tackett, J.L., Harden, K.P., & Tucker-Drob, E.M. (2015). Person  $\times$  environment interactions on adolescent delinquency: Sensation seeking, peer deviance and parental monitoring. *Personality and Individual Differences*, 76, 129-134.
72. Shulman, E., Harden, K.P., Chein, J., & Steinberg, L. (2015). Sex differences in the developmental trajectories of impulse control and sensation-seeking from early adolescence to early adulthood. *Journal of Youth and Adolescence*, 44, 1-17.

#### **Peer-Reviewed Book Chapters**

73. Tucker-Drob, E. M., & Harden, K. P. (2017). A behavioral genetic perspective on noncognitive factors and academic achievement. In S. Bouregy, E. Grigorenko, S. Latham, & M. Tan (Eds.), *Genetics, Ethics and Education*. (pp. 134-158). Cambridge: Cambridge University Press.

#### **Book Reviews, Op-Eds, and Articles in the Popular Press (Non-Peer-Reviewed)**

A book that could save lives: Adam Rutherford's *How to Argue with a Racist* reviewed. (March 14, 2020). *The Spectator*.

The inconvenient truth about genetics and success. (April 19, 2019). *New York Daily News*.

Heredity is only half the story. (October 25, 2018). *The Spectator*.

Why progressives should embrace the genetics of education. (July 24, 2018). *New York Times*.

There's still no good reason to believe black-white IQ differences are due to genes. (June 17, 2017). *Vox*.

#### **Works in Progress**

##### **Books**

Harden, K.P. (Under contract.) *The Genetic Lottery*. Princeton, NJ: Princeton University Press. Expected publication Fall 2021.

##### **Articles**

\*Linnér, R.K., \*Mallard, T.T., Barr, P.B., Sanchez-Roige, S., ... Harden, K.P., Koellinger, P.D., Dick, D. (Submitted). Genomic analysis of 1.5 million people uncovers genes related to addiction, antisocial behavior, and health.

\*Madole, J., & Harden, K.P. (In preparation). Genetic causes and human agency. Invited submission to *Perspectives on Psychological Science*.

\*Raffington, L., Belsky, D.W., Tucker-Drob, E.M., & Harden, K.P. (Under revision). Socioeconomic disadvantage is associated with a faster methylation pace of aging in children.

\*Raffington, L., \*Malanchini, M., \*Grotzinger, A. D., \*Madole, J. W., Engelhardt, L. E., Sabhlok, A., ... & Tucker-Drob, E. M. (Submitted). Changing environments reveal innovative genetic variation in children's cortisol responses. Preprint on *bioRxiv*. <https://www.biorxiv.org/content/10.1101/856658v1.abstract>.

\*Patterson, M. W., Pivnick, L., \*Mann, F. D., \*Grotzinger, A. D., Monahan, K. C., Steinberg, L. D., ... & Harden, K. P. (In preparation). Positive risk-taking: Mixed-methods validation of a self-report scale and evidence for genetic links to personality and negative risk-taking. Preprint on *PsyArxiv*. <https://psyarxiv.com/bq63f/>

\*Mallard, T.T., Linnér, R.K., Okbay, A., \*Grotzinger, A.D., de Vlaming, R., Meddens, S.F.W., Tucker-Drob, E.M., Kendler, K.S., Keller, M.C., Koellinger, P.D., & Harden, K.P. (Submitted). Not just one  $p$ : Multivariate GWAS of psychiatric disorders and their cardinal symptoms reveal two dimensions of cross-cutting genetic liabilities. Preprint on *bioRxiv*.

<https://www.biorxiv.org/content/10.1101/603134v1>

### RESEARCH GRANTS (2015 – Present)

Harden, K.P. (PI). “Environmental, Genetic, and Epigenetic Mechanisms for Hormonal Change at Puberty” (R01HD092548). Eunice Kennedy Shriver National Institute of Child Health and Human Development. 07/2019 – 06/2024. Total funding awarded: \$2,269,610 (direct costs).

Harden, K.P. (PI). Early Career Research Fellowship. Jacobs Foundation. 01/2017–12/2019. Total funding awarded: 150,00 CHF (direct costs).

Harden, K.P. (PI) & Epright, C.M. (Co-I). “Fortune’s Favor: Implications of Behavioral Genetic Research for Distributive and Retributive Justice.” Templeton Foundation. 02/2017 – 10/2019. Total funding awarded: \$231,049 (direct costs).

Tucker-Drob, E.M. (PI) & Harden, K.P. (Co-I). “Cortisol, Socioeconomic Status, and Genetic Influences on Cognitive Development” (R01HD083613). Eunice Kennedy Shriver National Institute of Child Health and Human Development. 01/2016 – 12/2020. Total funding awarded: \$3,540,425 (total costs).

Tucker-Drob, E.M. (Co-PI), Church, J.A. (Co-PI), & Harden, K.P. (Co-I). “*Chronic Stress and Executive Function in Children: A Neuroimaging Study of Twins*” (1-R21-HD081437). Eunice Kennedy Shriver National Institute of Child Health and Human Development. 04/2015 – 03/2017. Total funding awarded: \$424,875 (total costs).

Harden, K.P. (PI). “*Testing Gene-Testosterone Interplay in Adolescent Alcohol Use*” (1-R21-AA023322). National Institute on Alcohol Abuse and Alcoholism. 09/2014 – 06/2017. Total funding awarded: \$443,580 (total costs)

Fromme, K. (PI) & Harden, K.P. (Co-I). “Genetic Mechanisms of Change in Trajectories of Drinking and Deviant Behaviors” (1-R01-AA020637). National Institute on Alcohol Abuse and Alcoholism. 09/2012 – 06/2017. Total funding awarded: \$2,341,646 (total costs)

### AWARDS AND HONORS (2015 – Present)

May 2018 Dads’ Association Centennial Teaching Fellowship, University of Texas at Austin

August 2017 Distinguished Scientific Award for Early Career Contribution, American Psychological Association

June 2016 Fulker Award for Best Paper in Behavior Genetics, Behavior Genetics Association

June 2015 Fuller and Scott Award, Behavior Genetics Association

### PRESENTATIONS (2015 – Present)

#### Invited Talks

“Potential policy implications of genetic research on education.” Invited panel, American Society for Human Genetics, Houston, TX. Oct 2019

“Genes and interventions: Theoretical history, methodological challenges, and new opportunities.” Invited symposium, Association for Psychological Science, Washington, DC. May 2019.

“A world with equity in education.” Global Education and Skills Forum, Dubai, UAE. March 2019

“Genetics and essentialism.” Invited discussant, American Philosophical Association, Denver, CO. Feb 2019

“Genetics and the developmental roots of social inequalities.” Dept. of Psychology and La Follette School of Public Affairs, University of Wisconsin, Madison, WI. Jan 2019

“Behavioral genetics and moral judgements.” Dept. of Philosophy, Columbia University, New York, NY. Dec 2018

“Childhood executive functions: Heritability, neurobiology, and philosophical luckiness.” Notestein Seminar, Office of Population Research, Princeton University, Princeton, NJ. Feb 2018

“Childhood executive functions: Heritability, neurobiology, and philosophical luckiness.” Population Research Institute, Duke University, Durham, NC. Jan 2018

“Cognitive abilities and mental health.” Dept. of Psychology, University of California at Davis, Davis, CA. Feb 2017

“Biopsychosocial pathways to adolescent delinquency.” Grand Rounds, Department of Psychiatry, Stony Brook University Hospital, Stony Brook. May 2016

“Puberty, sex, and social inequality.” Russell Sage Foundation, New York, NY. March 2016

“Biopsychosocial pathways to adolescent delinquency.” Max Planck Institute for Human Development, Berlin, Germany. July 2015

### **Conference Presentations**

“Using a highly heritable measure of executive functioning to probe school district differences in reading and math achievement.” Integrating Genetics and Social Science. Boulder, CO. Oct 2019

“Polygenic associations with mathematics tracking and persistence.” Behavior Genetics Association. Stockholm, Sweden. June 2019.

“‘Don’t feed the bugbears’: Moving beyond imagined evils in debates about GWAS of human outcomes.” Behavior Genetics Association. Boston, MA. June 2018.

“Genes, luck, and justice.” Integrating Genetics and Social Science. Boulder, CO. Oct 2017 (scheduled)

“Genetic influences on risk preference in adolescence.” Behavior Genetics Association. Oslo, Norway. June 2017.

“Construct validity is (still) crucial: building a genetically-informed nomological network for measures used in the study of adolescent risk-taking.” Society for Research on Child Development themed meeting / Flux Congress, Leiden, The Netherlands. Sept 2015



“Genetic and environmental influences on antisocial behavior: Moderation by age and puberty.” Annual meeting of the Behavior Genetics Association, San Diego, CA. June 2015.

“The genetic architecture of dimensions of risky decision-making in adolescence: combining self-report and behavioral measures.” International Convention of Psychological Science. Amsterdam, The Netherlands. March 2015.

## **ADVISING AND STUDENT-RELATED SERVICE**

### **Dissertation Committees (2015 – Present)**

James Madole, Clinical Psychology, 2016-present (Chair)  
Aditi Sabhlok, Clinical Psychology, 2016-present (Chair)  
Travis Mallard, Clinical Psychology, 2015-present (Chair)  
Andrew Grotzinger, Clinical Psychology, 2015-present (Co-Chair)  
Megan Patterson, Ph.D. in Clinical Psychology, 2019 (Chair)  
Shuo Jin, Ph.D. in Clinical Psychology, 2019 (Member)  
Laura Engelhardt, Ph.D. in Individual Differences and Evolutionary Psychology, 2018 (Member)  
Elise Marino, Ph.D. in Clinical Psychology, 2018 (Member)  
Marie Carlson, Ph.D. in Clinical Psychology, 2017 (Chair)  
Frank Mann, Ph.D. in Individual Differences and Evolutionary Psychology, 2017 (Chair)  
Amanda Cheung, Ph.D. in Clinical Psychology, 2016 (Member)  
Natalie Kretsch, Ph.D. in Clinical Psychology, 2015 (Chair)  
Daniel Briley, Ph.D. in Individual Differences and Evolutionary Psychology, 2015 (Member)  
Ni Yan, Ph.D. in Human Development, 2015 (Member)

### **Undergraduate Honors Theses (2015 – Present)**

Margaret Morris, 2018  
Allison Seitz, 2018  
Angel Trevino, 2017  
Ann Folker, 2017  
Beeta Salsabillian, 2017  
Samantha Freis, 2016

### **PSY 357 Research Assistants (2015 – Present)**

Mitchell Boyd, Spring 2019	Sarah Good, Spring 2018	Liam Murphy, Spring 2016
Patatri Datta, Spring 2019	Sumaiyah Syed, Spring 2017	Ariella Benjamoni, Fall 2015
Katiana Estrada, Spring 2019	Jessica Botello, Spring 2016	Mackensie Marks, Fall 2015
Kyle Gu, Spring 2019	Samantha Freis, Spring 2016	Madison Philipps, Fall 2015
Aaren Osmon, Spring 2019	John Ledesma, Spring 2016	
Daniela Chavez, Spring 2018	Margaret Morris, Spring 2016	

### **Bridging Disciplines Program Connecting Experiences (2015 – Present)**

Briana Benavides, 2017  
Sabira Ahmed, 2017

## **ADMINISTRATIVE AND PROFESSIONAL SERVICE (2015 – Present)**

**University and Local Service**

Bridging Disciplines Program: Children and Society Faculty Advisory Committee, Spring 2017 – present  
PsychFest Committee, Department of Psychology, Spring 2015 – present

**Professional Service**

Program committee co-chair, Society for Research on Adolescence 2020 biennial meeting, Feb 2018 - present  
Member-at-large, Behavior Genetics Association executive committee, July 2019-present

**Journal Editor**

Reviewing Editor, *eLife*, July 2019 – Present  
Associate Editor, *Journal of Personality and Social Psychology*, Jan 2015 – Dec 2018  
Guest Editor, *Behavior Genetics*, Special Issue on Gene-Hormone Interplay, March 2015  
Consulting Editor, *Journal of Abnormal Psychology*, Jan 2013 – Dec 2014

**Peer-Reviewer (ad hoc)**

*Alcoholism: Clinical and Experimental Research, Behavior Genetics, Child Development, Child Development Perspectives, Clinical Psychology Review, Current Directions in Psychological Science, Developmental Psychology, eLIFE, Journal of Child Psychology and Psychiatry, Journal of Research on Adolescence, JAMA, JAMA: Psychiatry, Molecular Psychiatry, Pediatrics, Perspectives on Psychological Science, Proceedings of the National Academy of Sciences, Psychological Medicine, Psychological Science, Nature Human Behaviour*

**Professional Memberships**

Society for Research on Adolescence  
Behavior Genetics Association