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Curriculum Vitae
ELLIOT M. TUCKER-DROB

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DEGREES

- 2009 Ph.D. in Psychology
University of Virginia, Graduate School of Arts and Sciences
- 2007 M.A. in Psychology
University of Virginia, Graduate School of Arts and Sciences
- 2004 A.B. Cum Laude in Psychology
Cornell University, College of Arts and Sciences

ACADEMIC POSITIONS

- 2015-present Associate Professor with tenure
Department of Psychology, College of Liberal Arts
Department of Psychiatry, Dell Medical School (by courtesy, since 2017)
University of Texas at Austin
- 2015-2016 Visiting Scholar
Russell Sage Foundation, New York, NY
- 2009-2015 Assistant Professor
Department of Psychology, University of Texas at Austin
- 2010-present Founder and Director (with K. Paige Harden)
Texas Twin Project
- 2009-present Faculty Research Associate
Population Research Center, University of Texas at Austin

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RESEARCH INTERESTS AND OVERVIEW

My research program seeks to clarify dynamic developmental processes through which genetic variation combines and interacts with social, economic, and educational experiences to influence cognitive development, academic achievement, personality, and psychiatric health from infancy through late adulthood. My work augments quantitative and statistical genetic methods with approaches from neuroscience, human ecology, education, and sociology. With, K. P. Harden, I founded and direct the Texas Twin Project, a large-scale study of over 3,000 child and adolescent twins that investigates social, economic, endocrine, and genetic influences on cognitive development, academic achievement, personality, psychiatric health, behavioral risk, and their neurobiological underpinnings. Data from the Texas Twin Project serves as a primary basis for much of my ongoing research on child and adolescent development. My work on neural, genetic, medical, and social determinants of cognitive aging capitalizes on several other datasets, including data from the Lothian Birth Cohorts and the UK Biobank. My developmental and my aging research are both primarily supported by generous funding from the National Institutes of Health. I am also supported by a Jacobs Foundation Advanced Research Fellowship.

AWARDS, FELLOWSHIPS, AND RECOGNITIONS

- 2018-2020 Jacobs Foundation Advanced Research Fellow
- Fellow, Association for Psychological Science (status conferred in 2017)
- 2017 Janet Taylor Spence Award for Transformative Contributions to Psychological Science, Association for Psychological Science
- 2016 LIFE Outstanding Alumni Award for continued excellence in interdisciplinary developmental science post Ph.D.
- 2016 Fulker Award for best paper published in *Behavior Genetics* in 2015:
Briley, D. A., Bates, T. C., Harden, K. P., & Tucker-Drob, E. M. (2015). Nonparametric estimates of gene \times environment interaction using local structural equation modeling. *Behavior Genetics*, 45, 581-596.
- 2015 Fuller and Scott Early Career Award for Outstanding Scientific Accomplishments, Behavior Genetics Association
- *Science* Editor's Choice (January 28, 2011; DOI:10.1126/science.331.6016.378-a) for:
Tucker-Drob, E. M., Rhemtulla, M., Harden, K. P., Turkheimer, E., & Fask, D. (2011). Emergence of a gene-by-socioeconomic status interaction on infant mental ability between 10 months to 2 years. *Psychological Science*, 22, 125-133.
- NIH Predoctoral Trainee in Quantitative Modeling – University of Virginia (Institutional Training Grant T32AG020500, Advisor: J. R. Nesselrode (2005-2007, 2008-2009)
- Distinguished Teaching Fellow – University of Virginia (2008-2009)
- LIFE Fellow – International Max Planck Research School. The Life Course: Evolutionary and Ontogenetic Dynamics (2006-2009)
- American Psychological Association Division 20/Retirement Research Foundation Award for Outstanding Graduate Research (2008)
- Maury Pathfinder Award for Best Master's Thesis, University of Virginia (2008)

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- Visiting Research Fellow – Center for Lifespan Psychology, Max Planck Institute for Human Development, Berlin, Germany (May-August, 2007)
- Boston Geriatric Research Scholar – Harvard Medical School (June-August 2006)
- John B. Carroll Award for Best Research Methodology, International Society for Intelligence Research (2006)
- Cum Laude in Psychology, Cornell University (2004)
- Psi Chi Certificate for Outstanding Work in Psychology, Cornell University (2004)

MANUSCRIPTS ON PREPRINT SERVERS (student/postdoc co-authors underlined)

7. Lee, P. H., Anttila, V., Won, H., Feng, Y. C. A., Rosenthal, J., Zhu, Z., **Tucker-Drob, E. M.**, Nivard, M. G., Grotzinger, A. D. ... Kendler, K. S., & Smoller, J. W. [Cross-Disorder Group of the Psychiatric Genomics Consortium] (2019). Genome wide meta-analysis identifies genomic relationships, novel loci, and pleiotropic mechanisms across eight psychiatric disorders. *bioRxiv*.
<https://doi.org/10.1101/528117>
6. Harden, K. P., Domingue, B. W., Belsky, D. W., Boardman, J. D., Cronoe, R., Malanchini, M., Nivard, M., **Tucker-Drob, E. M.**, & Harris, K. M. (2019) Genetic Associations with mathematics tracking and persistence in secondary school. *BioRxiv*. doi: <https://doi.org/10.1101/598532>
5. Mallard, T. T., Linnér, R. K., Okbay, A., Grotzinger, A. D., de Vlaming, R., Meddens, S. F. W, **Tucker-Drob, E. M.**, Kendler, K., Keller, M. C., Koellinger, P. D., & Harden, K. P. (2019). Not just one *p*: Multivariate GWAS of psychiatric disorders and their cardinal symptoms reveal two dimensions of cross-cutting genetic liabilities. *BioRxiv*. doi: <https://doi.org/10.1101/603134>
4. Brumpton, B. **et al.** [The Mendelian randomization within-family consortium]. (2019). Within-family studies for Mendelian randomization: Avoiding dynastic, assortative mating, and population stratification biases. *BioRxiv*. doi: <https://doi.org/10.1101/602516>
3. Hillary, R. F., McCartney, D. L., Harris, S. E., Stevenson, A. J., Seeboth, A. Zhang, Q., Liewald, D. C., Evans, K. L., Ritchie, C. W., **Tucker-Drob, E. M.**, Wray, N. R., McRae, A. F., Visscher, P. M., Deary, I. J., & Marioni, R. E. (2019). Genetic and epigenetic architectures of neurological protein biomarkers in the Lothian Birth Cohort 1936. *BioRxiv*. doi: <https://doi.org/10.1101/558940>
2. Cox, S. R., Ritchie, S. J., Fawns-Ritchie, C., **Tucker-Drob, E. M.**, & Deary, I. J. (2019). Brain imaging correlates of general intelligence in UK Biobank. *BioRxiv*. doi: <https://doi.org/10.1101/599472>
1. **Tucker-Drob, E. M.** (2017). Measurement error correction of genome-wide polygenic scores in prediction samples. *bioRxiv*. DOI: <https://doi.org/10.1101/165472> *This methodological note should be considered the copy of record. I have no current plans to submit this for peer review.

COMMISSIONED ARTICLES NOT YET PUBLISHED

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2. **Tucker-Drob, E. M.** Cognitive aging and dementia: A lifespan perspective. *Annual Review of Developmental Psychology* (inaugural issue).

1. Lövdén, M., Fratiglioni, L., Glymour, M. M., Lindenberger, U., & **Tucker-Drob, E. M.** Education and cognitive aging. *Psychological Science in the Public Interest*.

PEER REVIEWED PUBLICATIONS (student/postdoc co-authors underlined)

108. Grotzinger, A. D., Rhemtulla, M., de Vlaming, R., Ritchie, S. J., Mallard, T. T., Hill, W. D, Ip, H. F., Marioni, R. E., McIntosh, A. M., Deary, I. J., Koellinger, P. D., Harden, K. P., Nivard, M. G., & **Tucker-Drob, E. M.** (2019). Genomic structural equation modelling provides insights into the multivariate genetic architecture of complex traits. *Nature Human Behaviour*, 3, 513-525.

107. Harden, K. P., Engelhardt, L. E., Mann, F. D., Patterson, M. D., Grotzinger, A. D., Savicki, S. L., Thibodeaux, M. L., Freis, S. M., Tackett, J. L., Church, J. A., & **Tucker-Drob, E. M.** (in press). Genetic associations between executive functions and a general factor of psychopathology. *Journal of the American Academy of Child & Adolescent Psychiatry*.

106. Cox, S.R., Lyall D.M., Ritchie S.J., Bastin M.E., Harris M.A., Buchanan C.R., Fawns-Ritchie C., Barbu M.C., de Nooij L., Reus L.M., Alloza C., Shen X., Neilson E., Alderson H.L., Hunter S., Liewald D.C., Pell J.P., Whalley H.C., McIntosh A.M., Lawrie S.J., **Tucker-Drob E.M.**, Wardlaw J.M., Gale C.R., & Deary I.J. (in press). Associations between vascular risk factors and brain MRI indices in UK Biobank. *European Heart Journal*.

105. Zheng, A., Briley, D. A., Malanchini, M., Tackett, J. L., Harden, K. P., & **Tucker-Drob, E. M.** (in press). Genetic and environmental influences on achievement goal orientation shift with age. *European Journal of Personality*.

104. Wood, A.C., Vainik, U., Engelhardt, L. E., Briley, D. A., Grotzinger, A., Church, J. A., Harden, K. P., & **Tucker-Drob, E. M.** (in press). Genetic overlap between body mass index and executive functions in childhood. *The American Journal of Clinical Nutrition*.

103. Silventoinen, K. **et al.** [CODA Consortium] (in press) Parental education and genetics of body mass index from infancy to old age: A pooled analysis of 29 twin cohorts. *Obesity*.

102. Zheng, A., **Tucker-Drob, E. M.**, & Briley, D. A. (in press). National GDP, science interest, and science achievement: A direct replication and extension of Tucker-Drob, Cheung, and Briley (2014). *Psychological Science*.

101. Madole, J. W., Rhemtulla, M., Grotzinger, A. D., **Tucker-Drob, E. M.**, & Harden, K. P. (in press). Testing cold and hot cognitive control as moderators of a network of comorbid psychopathology symptoms in adolescence. *Clinical Psychological Science*.

100. **Tucker-Drob, E. M.**, Brandmaier, A. M., & Lindenberger, U. (2019). Coupled cognitive changes in adulthood: A meta-analysis. *Psychological Bulletin*, *145*, 273-301
99. Engelhardt, L. E., Church, J. A., Harden, K. P., **Tucker-Drob, E. M.**, & Church, J. A. (2019). The neural architecture of executive functions is established by middle childhood. *NeuroImage*, *185*, 479-489.
98. Briley, D. A., Livengood, J., Derringer, J., **Tucker-Drob, E. M.**, Fraley, R. C., & Roberts, B. W. (in press). Interpreting behavior genetic models: Seven developmental processes to understand. *Behavior Genetics*.
97. Grotzinger, A. D., Cheung, A. K., Patterson, M. W., Harden, K. P., & **Tucker-Drob, E. M.** (in press). Genetic and environmental links between general factors of psychopathology and cognitive ability in early childhood. *Clinical Psychological Science*.
96. Malanchini, M., Engelhardt, L. E., Grotzinger, A. D., Harden, K. P., & **Tucker-Drob, E. M.** (in press). 'Same but different': Associations between multiple aspects of self-regulation, cognition and academic abilities. *Journal of Personality and Social Psychology*.
95. Möttus, R., Briley, D. A., Mann, F. D., Tackett, J. L., Harden, K. P., & **Tucker-Drob, E. M.** (in press). Kids becoming less alike: A behavioral genetic decomposition of developmental increases in personality variance from childhood to adolescence. *Journal of Personality and Social Psychology*.
94. Alloza, C., Cox, S. R., Cábez, M. B., Redmond, P., Whalley, H. C., Ritchie, S. J., Maniega, S. M., Hernández, M. D. C. V., **Tucker-Drob, E. M.**, Lawrie, S. M., Wardlaw, J. M., Deary, I. J., & Bastin, M. E. (2018). Polygenic risk score for schizophrenia and structural brain connectivity in older age: a longitudinal connectome and tractography study. *NeuroImage*, *183*, 884-896.
93. 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.
92. 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.
91. Shahaiean, A, Wang, C., **Tucker-Drob, E. M.**, Geiger, V., Bus, A., & Harrison, L. (2018). Early shared reading, socioeconomic status, and children's later academic achievement: Six years of longitudinal evidence. *Scientific Studies of Reading*, *6*, 485-502.

90. Spengler, M., Gottschling, J., Hahn, E., **Tucker-Drob, E. M.**, Harzer, C., & Spinath, F. M. (2018). Does the heritability of cognitive abilities vary as a function of parental education? Evidence from a German twin sample. *PLOS ONE*, *13*(5): e0196597.
89. Ayoub, M., Briley, D. A., Grotzinger, M. W., Patterson, M. W., Engelhardt, L. E., Tackett, J. L., Harden, K. P., & **Tucker-Drob, E. M.** (2018). Genetic and environmental associations between child personality and parenting. *Social Psychological and Personality Science*. Online First.
88. Engelhardt, L. E., Church, J. A., Harden, K. P., & **Tucker-Drob, E. M.** (2018). Accounting for the shared environment in cognitive abilities and academic achievement with measured socioecological contexts. *Developmental Science*, e12699.
87. Ritchie, S. J., & **Tucker-Drob, E. M.** (2018). How much does education improve intelligence? A meta-analysis. *Psychological Science*, *29*, 1358-1369.
*Fifth most viewed [Open Science Framework \(OSF\) preprint](#) of 2017:
<https://osf.io/pxr8c/wiki/home/?view>
86. Grotzinger, A. D., Briley, D. A., Engelhardt, 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.
85. 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.
84. Grotzinger, A., 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 adolescence. *Psychological Science*, *29*, 688-699.
83. Harden, K. P., Mann, F. D., Grotzinger, A., 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.
82. Silventoinen, K. **et al.** [CODA Consortium]. (2017) Education in twins and their parents across birth cohorts over 100 years: An individual-level pooled analysis of 42-twin cohorts. *Twin Research and Human Genetics*, *20*, 395-405.
81. Younger, J. W., **Tucker-Drob, E. M.**, & Booth, J. R. (2017). Longitudinal changes in reading network connectivity related to skill improvement. *NeuroImage*, *158*, 90-98.

80. Mann, F. D., Tackett, J. L., **Tucker-Drob, E. M.**, & Harden, K. P. (2017). 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.
79. Ritchie, S. J., **Tucker-Drob, E. M.**, Cox, S. R., Dickie, D. A., Hernández, M. C. V. Corley, J., Royle, N. A., Redmond, P., Maniega, S. M., Pattie, A., Aribisala, B. S., Taylor, A. M., Clarke, T. K., Gow, A. J., Starr, J. M., Bastin, M. E., Wardlaw, J. M. & Deary, I. J. (2017). Risk and protective factors for structural brain aging in the eighth decade of life. *Brain Structure and Function*, *222*, 3477-3490.
78. 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.
77. 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.
76. Sheehan, C. M., & **Tucker-Drob, E. M.** (2017). Gendered expectations obscure male-female differences in instrumental activities of daily living in later adulthood. *Journals of Gerontology: Social Sciences*, gbw209. Advance Access publication.
75. 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.
74. **Tucker-Drob, E. M.**, Grotzinger, A., Briley, D. A., Engelhardt, L. E., Mann, F. D., Patterson, M., Kirschbaum, C., Adam, E. Church, J. A., Tackett, J. L., & Harden, K. P. (2017). Genetic influences on hormonal markers of chronic hypothalamic–pituitary–adrenal function in human hair. *Psychological Medicine*, *47*, 1389-1401.
73. Briley, D. A. & **Tucker-Drob, E. M.** (2017). Comparing the developmental genetics of cognition and personality over the life span (Special Issue: The new look of behavior genetics in social inequality: Gene-environment interplay in life chances). *Journal of Personality*, *85*, 51-64.
72. Little, C. W., Hart, S. A., Quinn, J. M., **Tucker-Drob, E. M.**, Taylor, J., & Schatschneider, C. (2017). Exploring the co-development of reading fluency and reading comprehension: A twin study. *Child Development*, *88*, 934–945.

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71. 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 & Human Development* 48, 434-443.
70. 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., 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.
69. Cox, S. R., Ritchie, S. J., **Tucker-Drob, E. M.**, Liewald, D. C., Hagenaars, S. P., Davies, G., Wardlaw, J. M., Gale, C. G., Bastin, M. E., & Deary, I. J. (2016). Ageing and brain white matter structure in 3,513 UK Biobank participants. *Nature Communications*, 7, 1-13.
68. Ritchie, S. J., **Tucker-Drob, E. M.**, Cox, S. R., Corley, J., Dykiert, D., Redmond, P., Pattie, A., Taylor, A., Sibbett, R., Starr, J. M., & Deary, I. J. (2016). Predictors of ageing-related decline across multiple cognitive functions. *Intelligence*, 59, 115-126.
67. Ritchie, S. J., **Tucker-Drob, E. M.**, Starr, J. M., & Deary, I. J. (2016). Do cognitive and physical functions age in concert from age 70 to 76? Evidence from the Lothian Birth Cohort 1936. *Spanish Journal of Psychology*, 19, 1-12.
66. **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.
65. 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.
64. Jelenkovic, A. **et al.** [CODA Consortium]. (2016). Genetic and environmental influences on height from infancy to early adulthood: An individual-based pooled analysis of 45 twin cohorts. *Scientific Reports*, 6.
63. Silventoinen, K. **et al.** [CODA 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.
62. Mann, F. D., Patterson, M. W., Grotzinger, A. D., Kretsch, N., Tackett, J. L., Tucker-Drob, E. M., & Harden, K. P. (2016). Sensation seeking, peer deviance, and genetic influences on adolescent

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- delinquency: Evidence for person-environment correlation and interaction. *Journal of Abnormal Psychology*, *125*, 679-691.
61. Cheung, A. K., Harden, K. P., & **Tucker-Drob, E. M.** (2016). Multivariate behavioral genetic analysis of parenting in early childhood. *Parenting: Science and Practice*, *57*, 257-283.
60. **Tucker-Drob, E. M.**, & Bates, T. C. (2016). Large cross-national differences in gene \times socioeconomic status interaction on intelligence. *Psychological Science*, *27*, 138-149.
59. Mann, F. D., Briley, D. A., Tackett, J., **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.
58. Harden, K. P., Patterson, M. W., Briley, D. A., Engelhardt, L. E., Kretsch, N., Mann, F. D., Tackett, J., & **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.
57. Briley, D. A., Bates, T. C., Harden, K. P., & **Tucker-Drob, E. M.** (2015). Nonparametric estimates of gene \times environment interaction using local structural equation modeling. *Behavior Genetics*, *45*, 581-596. ***Recipient of Fulker Award for best paper published in *Behavior Genetics* in 2015.**
56. Jelenkovic, A. **et al.** [CODA Consortium]. (2015). Zygosity differences in height and relative weight of twins from infancy to old age: A study of the CODAtwins project. *Twin Research and Human Genetics*, *18*, 557-570.
55. Ritchie, S. J., Bastin, M., **Tucker-Drob, E. M.**, Maniega, S. M., Engelhardt, L. E., Cox, S., Royle, N. A., Gow, A. J., Corley, J., Pattie, A., Taylor, A., Hernandez, M. V., Starr, J. M., Wardlaw, J. M., & Deary, I. J. (2015). Coupled changes in brain white matter microstructure and fluid intelligence in later life. *Journal of Neuroscience*, *35*, 8672-8682.
54. Silventoinen, K. **et al.** [CODA Consortium]. (2015) The CODAtwins project: The cohort description of Collaborative project of Development of Anthropometrical measures in Twins to study macro-environmental variation in genetic and environmental effects on anthropometric traits. *Twin Research and Human Genetics*, *18*, 348-360.
53. 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.

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52. Cheung, A. K., Harden, K. P., & **Tucker-Drob, E. M.** (2015). From specialist to generalist: Developmental changes in the genetic structure of early child abilities. *Developmental Psychobiology*, *57*, 566-533
51. Mann, F. D., Kretsch, N., Tackett, J., Harden, K. P., & **Tucker-Drob, E. M.** (2015). Person \times environment interactions in adolescent delinquency: Sensation seeking, peer deviance, and parental monitoring. *Personality and Individual Differences*, *76*, 129-134.
50. Hambrick, D. Z., & **Tucker-Drob, E. M.** (2015). The genetics of music accomplishment: Evidence for gene-environment interaction and correlation. *Psychonomic Bulletin and Review*, *22*, 112-120.
49. 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.
48. **Tucker-Drob, E. M.**, Reynolds, C., Finkel, D., & Pedersen, N. L. (2014). Shared and unique genetic and environmental influences on aging-related changes in multiple cognitive abilities. *Developmental Psychology*, *50*, 152-166.
47. **Tucker-Drob, E. M.**, Cheung, A. K., & Briley, D. A. (2014). Gross domestic product, science interest, and science achievement: A person \times nation interaction. *Psychological Science*, *25*, 2047-2057.
46. **Tucker-Drob, E. M.**, & Briley, D. A. (2014). Continuity of genetic and environmental influences on cognition across the life span: A meta-analysis of longitudinal twin and adoption studies. *Psychological Bulletin*, *140*, 949-979.
45. **Tucker-Drob, E. M.**, Briley, D. A., Starr, J. M., & Deary, I. J. (2014). Structure and correlates of cognitive aging in a narrow age cohort. *Psychology and Aging*, *29*, 236-249.
44. Tackett, J. L., Kushner, S. C., Josephs, R. A., Harden, K. P., Page-Gould, E., & **Tucker-Drob, E. M.** (2014). Cortisol reactivity and recovery in the context of adolescent personality disorder. *Journal of Personality Disorders*, *28*, 25-39.
43. Ritchie, S. J., **Tucker-Drob, E. M.**, & Deary, I. J. (2014). A strong link between speed of visual discrimination and cognitive ageing. *Current Biology*, *24*, R681-R683.
42. Harden, K. P., Kretsch, N., Tackett, J. L., & **Tucker-Drob, E. M.** (2014). Genetic and environmental influences on testosterone levels in adolescents: Evidence for sex differences. *Developmental Psychobiology*, *56*, 1278-1289.

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41. Cheung, A. K., Harden, K. P., & **Tucker-Drob, E. M.** (2014). Gene \times environment interactions in early externalizing behaviors: Parental emotional support and socioeconomic context as moderators of genetic influences? *Behavior Genetics*, *44*, 468-486.
40. Briley, D. A., & **Tucker-Drob, E. M.** (2014). Genetic and environmental continuity in personality development: A meta-analysis. *Psychological Bulletin*, *140*, 1303-1331.
39. Briley, D. A., Harden, K. P., & **Tucker-Drob, E. M.** (2014). Child characteristics and parental educational expectations: Evidence for transmission with transaction. *Developmental Psychology*, *50*, 2614-2632.
38. Briley, D. A., Domiteaux, M., & **Tucker-Drob, E. M.** (2014). Achievement-relevant personality: relations with the Big Five and validation of an efficient instrument. *Learning and Individual Differences*, *32*, 26-39.
37. **Tucker-Drob, E. M.** (2013). How many pathways underlie socioeconomic differences in the development of cognition and achievement? *Learning and Individual Differences*, *25*, 12-20.
36. **Tucker-Drob, E. M.**, Briley, D. A., & Harden, K. P. (2013). Genetic and environmental influences on cognition across development and context. *Current Directions in Psychological Science*, *22*, 349-355.
35. **Tucker-Drob, E. M.**, & Harden, K. P. (2013). Gene-by-preschool interaction on the development of early externalizing problems. *Journal of Child Psychology and Psychiatry*, *54*, 77-85.
34. Harden, K. P., **Tucker-Drob, E. M.**, & Tackett, J. L. (2013). The Texas Twin Project. *Twin Research and Human Genetics [Special Issue: Twin registers as a global resource for genetic research: An update]*, *16*, 385-390.
33. Briley, D. A., & **Tucker-Drob, E. M.** (2013). Explaining the increasing heritability of cognition over development: A meta-analysis of longitudinal twin and adoption studies. *Psychological Science*, *24*, 1704-1713.
32. **Tucker-Drob, E. M.** (2012). Preschools reduce early academic achievement gaps: A longitudinal twin approach. *Psychological Science*, *23*, 310-319.
31. **Tucker-Drob, E. M.**, & Harden, K. P. (2012). Intellectual interest mediates gene-by-socioeconomic status interaction on adolescent academic achievement. *Child Development*, *83*, 743-757.

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30. **Tucker-Drob, E. M.**, & Harden, K. P. (2012). Early childhood cognitive development and parental cognitive stimulation: Evidence for reciprocal gene-environment transactions. *Developmental Science*, *15*, 250-259.
29. **Tucker-Drob, E. M.**, & Harden, K. P. (2012). Learning motivation mediates gene-by-socioeconomic status interaction on early mathematics achievement. *Learning and Individual Differences*, *22*, 37-45.
28. **Tucker-Drob, E. M.**, & Briley, D. A. (2012). Socioeconomic status modifies interest-knowledge associations among adolescents. *Personality and Individual Differences*, *53*, 9-15.
27. Rhemtulla, M., & **Tucker-Drob, E. M.** (2012). Gene-by-socioeconomic status interaction on school readiness. *Behavior Genetics*, *42*, 549-558.
26. Harden, K. P., Quinn, P. D., & **Tucker-Drob, E. M.** (2012). Genetically influenced changes in sensation seeking drive the rise of delinquent behavior in adolescence. *Developmental Science*, *15*, 150-163.
25. Briley, D. A., & **Tucker-Drob, E. M.** (2012). Broad bandwidth or high fidelity? Evidence from the structure of genetic and environmental effects on the facets of the five factor model. *Behavior Genetics*, *42*, 743-763.
24. **Tucker-Drob, E. M.** (2011). Neurocognitive functions and everyday functions change together in old age. *Neuropsychology*, *25*, 368-377.
23. **Tucker-Drob, E. M.** (2011). Individual differences methods for randomized experiments. *Psychological Methods*, *16*, 298-318.
22. **Tucker-Drob, E. M.** (2011). Global and domain-specific changes in cognition throughout adulthood. *Developmental Psychology*, *47*, 331-343.
21. **Tucker-Drob, E. M.**, Rhemtulla, M., Harden, K. P., Turkheimer, E., & Fask, D. (2011). Emergence of a gene-by-socioeconomic status interaction on infant mental ability between 10 months to 2 years. *Psychological Science*, *22*, 125-133. **Editor's Choice at Science.**
20. Rhemtulla, M., & **Tucker-Drob, E. M.** (2011). Correlated longitudinal changes across linguistic, achievement, and psychomotor domains in early childhood: Evidence for a global dimension of development. *Developmental Science*, *14*, 1245-1254.

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19. Harden, K. P., & **Tucker-Drob, E. M.** (2011). Individual differences in the development of sensation seeking and impulsivity during adolescence: Further evidence for a dual systems model. *Developmental Psychology, 47*, 739-746.
18. **Tucker-Drob, E. M.** (2009). Differentiation of cognitive abilities across the life span. *Developmental Psychology, 45*, 1097-1118.
17. **Tucker-Drob, E. M.**, & Salthouse, T. A. (2009). Confirmatory factor analysis and multidimensional scaling for construct validation of cognitive abilities. *International Journal of Behavioral Development, 33*, 277-285.
16. **Tucker-Drob, E. M.**, Johnson, K. E., & Jones, R. N. (2009). The cognitive reserve hypothesis: A longitudinal examination of age-associated declines in reasoning and processing speed. *Developmental Psychology, 45*, 431-446.
15. **Tucker-Drob, E. M.**, Harden, K. P., & Turkheimer, E. (2009). Combining nonlinear biometric and psychometric models of cognitive abilities. *Behavior Genetics, 39*, 461-471.
14. Gerstorf, D., Siedlecki, K. L., **Tucker-Drob, E. M.**, & Salthouse, T. A. (2009). Within-person variability in state anxiety across adulthood: Magnitude and associations with between-person characteristics. *International Journal of Behavioral Development, 33*, 55-64.
13. Salthouse, T. A., & **Tucker-Drob, E. M.** (2008). Implications of short-term retest effects for the interpretation of longitudinal change. *Neuropsychology, 22*, 800-811.
12. Salthouse, T. A., Pink, J. E., & **Tucker-Drob, E. M.** (2008). Contextual analysis of fluid intelligence. *Intelligence, 36*, 464-486.
11. **Tucker-Drob, E. M.**, & Salthouse, T. A. (2008). Adult age trends in the relations among cognitive abilities. *Psychology and Aging, 23*, 453-460.
10. Siedlecki, K. L., **Tucker-Drob, E. M.**, Oishi, S., & Salthouse, T. A. (2008). Life satisfaction across adulthood: Different determinants at different ages? *Journal of Positive Psychology, 3*, 153-164.
9. Gerstorf, D., Siedlecki, K. L., **Tucker-Drob, E. M.**, & Salthouse, T. A. (2008). Executive dysfunctions across adulthood: Measurement properties and correlates of the DEX self-report questionnaire. *Aging, Neuropsychology, and Cognition, 15*, 1-22.
8. Zhang, Z., Davis, H. P., Salthouse, T. A., & **Tucker-Drob, E. M.** (2007). Correlates of individual and age-related differences in short term learning. *Learning and Individual Differences, 17*, 231-240.

Elliot M. Tucker-Drob

BOOK CHAPTERS

7. **Tucker-Drob, E. M., & Briley, D. A.** (2019). Theoretical concepts in the genetics of personality development. In Dan P. McAdams, Rebecca L. Shiner, and Jennifer L. Tackett (Eds.) *Handbook of Personality Development*. Guilford.
6. **Tucker-Drob, E. M.** (2018). Motivational factors as mechanisms of gene-environment transactions in cognitive development and academic achievement. In *A. Elliot, C. Dweck, & D. Yeager (Editors), Handbook of Competence and Motivation, 2nd Edition: Theory and Application*. Guilford.
5. **Tucker-Drob, E. M.** (2017). Theoretical concepts in the genetics of expertise. In *D. Z. Hambrick, G. Campitelli, & B. Macnamara (Editors), The Science of Expertise: Behavioral, Neural, and Genetic Approaches to Complex Skill*. Routledge.
4. **Tucker-Drob, E. M., & Harden, K. P.** (2017). A behavioral genetic perspective on noncognitive factors and academic achievement. In *S. Bourey, E. Grigorenko, S. Latham, & M. Tan (Editors), Current Perspectives in Psychology: Genetics, Ethics and Education*. Cambridge University Press.
3. **Tucker-Drob, E. M., & Salthouse, T. A.** (2011). Individual differences in cognitive aging. In *T. Chamorro-Premuzic, S. von Stumm, & A. Furnham, (Eds.), The Wiley-Blackwell Handbook of Individual Differences*, First Edition. (pp. 242-267). London: Wiley-Blackwell.

MISCELLANEOUS

2. **Tucker-Drob, E. M.** (2017). How do individual experiences aggregate to shape personality development? [Comment] *European Journal of Personality*, 31, 529-595.
1. **Tucker-Drob, E. M.** (2014). [Review of the book *Developing Difference*, by W. Johnson]. *Intelligence*, 47, 202-203.

SOFTWARE (student/postdoc co-authors underlined)

Grotzinger, A. D., Rhemtulla, M., Ip, H. F., Nivard, M. G., & Tucker-Drob, E. M. (2018). *GenomicSEM*. <https://github.com/MichelNivard/GenomicSEM/wiki>

EXTRAMURAL RESEARCH SUPPORT

Principal Investigator, Jacobs Foundation Advanced Research Fellowship

Direct Costs = 400,000 CHF (approximately \$400,000)

Total Costs = 440,000 CHF (approximately \$440,000)

Foundation: Jacobs Foundation

Dates: 1/01/2018-12/31/2020

Principal Investigator, Evaluating Longitudinal Changes in the Human Structural Connectome in Relation

Elliot M. Tucker-Drob

to Cognitive Aging (Administrative Supplement for application of Genomic SEM in the study of genetic risk for Alzheimer's Disease)

Grant Number: R01AG054628 02S1

Direct Costs = \$259,102

Total Costs = \$343,141

Agency: National Institute of Aging (NIA)

Dates: 9/08/2018-4/30/2019

Principal Investigator, *Evaluating Longitudinal Changes in the Human Structural Connectome in Relation to Cognitive Aging*

Grant Number: R01AG054628

Direct Costs = \$1,781,756

Total Costs = \$2,384,680

Agency: National Institute of Aging (NIA)

Dates: 9/01/2017-4/30/2022

Principal Investigator, *Cortisol, Socioeconomic Status, and Genetic Influences on Cognitive Development*

Grant Number: R01HD083613

Agency: National Institute of Child Health & Human Development (NICHD)

Direct Costs = \$2,294,149

Total Costs = \$2,970,899

Dates: 1/01/2016-12/31/2020

Principal Investigator, *Chronic Stress and Executive Function in Children: A Neuroimaging Study of Twins* (Multiple PI Project with J. A. Church-Lang)

Grant Number: R21HD081437

Agency: National Institute of Child Health & Human Development (NICHD)

Direct Costs = \$275,000

Total Costs = \$424,875

Dates: 4/01/15-3/31/18

Co-Investigator, *Interactive-Specialization of Language Impairment* (J.R. Booth, Principal Investigator)

Grant Number: R01DC013274

Agency: National Institute on Deafness and Other Communication Disorders (NIDCD)

Total Costs: \$3,175,320

Dates: 9/1/14-8/31/19

Consultant/Investigator, *Simulating Models of Development under Plausible Gene-Environment Interplay* (D. A. Briley, Principal Investigator).

Sponsor: Genetics and Human Agency Initiative, University of Virginia/John Templeton Foundation

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Total Costs: \$359,573

Dates: 1/2017-12/2019

Consultant, *The Florida Learning Disabilities Research Center* (Richard Wagner, Principal Investigator);

Project IV: Reading And Math Co-Development in a Diverse Sample of Twins (Sara Hart, Principal Investigator).

Grant Number: P50HD052120

Agency: National Institute of Child Health & Human Development (NICHD)

Direct Costs = NA

Total Costs = NA

Dates: 7/01/2017-6/30/21

Faculty Mentor/Sponsor, *Graduate Student Research Fellowship* to Laura Engelhardt

Agency: National Science Foundation (NSF)

Total Costs: \$133,000

Dates: 08/14-08/17

Co-Investigator, *Testing Gene-Testosterone Interplay in Adolescent Alcohol Use* (K. P. Harden, PI)

Application Number: R21AA023322

Agency: National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Direct Costs = \$275,000

Total Costs = \$435,852

Dates: 9/5/14-6/30/17

Co-Investigator, *Genetic Influences on Adolescent Decision-Making and Alcohol Use* (K. P. Harden, PI)

Grant Number: R21AA020588

Agency: National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Direct Costs = \$275,000

Total Costs = \$405,522

Dates: 5/04/12-5/03/15

Principal Investigator, *Gene-Environment Interplay in Early Cognitive Development*

Grant Number: 1R21HD069772

Agency: National Institute of Child Health & Human Development (NICHD)

Direct Costs = \$275,000

Total Costs = \$406,825

Dates: 7/1/11-6/30/14

Predoctoral Trainee, *Training in Quantitative Modeling in Aging Research* (J. R. Nesselrode, PI)

Grant Number: T32AG020500

Agency: National Institute on Aging

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Costs: Three years of full tuition and stipend, research/travel allowance

Dates: 2005-2006, 2006-2007, 2008-2009 (academic years)

INVITED TALKS AND COLLOQUIA

King's College London (2019)

University of Wisconsin (2019)

Max Planck Institute for the Collective Goods, Bonn (2019)

Duke University (2019)

University of Colorado Boulder (2018)

University of Southern California (2018)

Psychiatric Genomics Consortium, Worldwide Lab Meeting (2018)

University of Pennsylvania (2018)

International Society for Intelligence Research (2017)

Association for Psychological Science (2017)

University of Michigan (2017)

Russell Sage Foundation (2016)

University of Edinburgh (2013, 2014, 2016, 2017)

Max Planck Institute for Human Development, Berlin (2015)

British Academy for the Humanities and Social Sciences (2014)

University of Minnesota (2013)

University of Texas Health Sciences Center, San Antonio (2013)

United Way for Greater Austin (2013)

Texas A&M University (2012)

University of California, Irvine (2011)

University of Texas at Austin (frequently since 2009)

Michigan State University (2009)

University of Alberta (2009)

University of Virginia (2009)

SELECTED CONFERENCE PRESENTATIONS (student co-authors underlined)

Tucker-Drob, E. M. (2018, December). *Mapping heritability to schooling effects on executive functions, cognitive abilities, and academic achievement*. Invited presentation at conference on Genes, Schools, and Interventions that Address Educational Inequality, University of Texas at Austin, Austin, TX.

Tucker-Drob, E. M. (2018, November). *Genomic Structural Equation Modeling*. Invited presentation at the 2018 Polygenic Prediction and its Application in the Social Sciences, University of Southern California, Los Angeles, CA.

Tucker-Drob, E. M. (2018, October). *Genomic Structural Equation Modeling*. Methodological workshop given at the Integrating Genetics and the Social Sciences conference, University of Colorado Boulder, Boulder, CO.

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Tucker-Drob, E. M. (2018, June). *Genomic Structural Equation Modeling*. Symposium chaired and paper presented at the 2018 Behavioral Genetics Association Meeting, Cambridge, MA.

Tucker-Drob, E. M. (2017, July). *Genetic and schooling effects on cognitive development and academic achievement*. Invited talk (Presidential Symposium) at the Eighteenth Annual Conference of the International Society for Intelligence Research, Montréal, Quebec.

Tucker-Drob, E. M. (2017, June). *Genetic and environmental links between general factors of psychopathology and cognitive ability in early childhood*. Paper presented at the 2017 Behavioral Genetics Association Meeting, Oslo, Norway.

Tucker-Drob, E. M. (2017, April). *Integrating genetic discoveries for educational attainment and human development research*. Presentation at the 2017 Biennial Meeting of the Society for Research in Child Development, Austin, TX.

Tucker-Drob, E. M. (2017, May). *Age and education effects on cognitive abilities, academic achievement and character*. Invited presentation at the 2017 meeting of the Association for Psychological Science, Boston, MA.

Tucker-Drob, E. M. (2017, May). *Theoretical concepts in personality development and academic achievement*. Presentation at the 2017 meeting of the Association for Psychological Science, Boston, MA.

Tucker-Drob, E. M. (2016, January). *Genetic variation in noncognitive skills predicts academic achievement above and beyond intelligence*. Paper presented at the 2016 Meeting of the Society for Personality and Social Psychology, San Diego, CA.

Tucker-Drob, E. M. (2015, October). *Gene-environment interplay in cognitive aging*. Paper presented as part of invited program at Horizons for Comparative and Integrative Research on Ageing and Health conference, Stockholm, Sweden.

Tucker-Drob, E. M., Engelhardt, L. E., Briley, D. A., Mann, F. D., Patterson, M., Grotzinger, A., Tackett, J. & Harden, K. P. (2015, June). *Biometric analysis of chronic cortisol in the Texas Twin Project*. Paper presented at the 2015 Behavioral Genetics Association Meeting, San Diego, CA.

Tucker-Drob, E. M., Engelhardt, L. E., Briley, D. A., Mann, F. D., & Harden, K. P. (2015, May). *Executive function as a developmental endophenotype for general intelligence*. Paper presented at the 2015 meeting of the Association for Psychological Science, New York, NY.

Tucker-Drob, E. M. (2014, June). *New directions in the behavioral genetics of skill formation and*

Elliot M. Tucker-Drob

educational success. Paper presented at the 2014 Behavioral Genetics Association Meeting, Charlottesville, Virginia.

Tucker-Drob, E. M., & Bates, T. C. (2014, June). *The world's literature on gene \times social class interaction on cognitive ability: A meta analysis*. Paper presented at the 2014 Behavioral Genetics Association Meeting, Charlottesville, Virginia.

Tucker-Drob, E. M. (2014, May). *Using multivariate change models to uncover the structure of cognitive aging*. Paper presented at the 2014 Convention of the Association for Psychological Science, San Francisco, California.

Tucker-Drob, E. M. (2014, May). *Comparing the developmental genetics of cognition and personality over the lifespan: Towards a scientific reunion of the two disciplines of differential psychology*. Paper presented at the 2014 Convention of the Association for Psychological Science, San Francisco, California.

Tucker-Drob, E. M. & Harden, K. P. (2013, June). *Gene-environment interplay in early cognitive development: First results from the Texas "Tiny" Twin Project*. Paper presented at the 2013 Behavior Genetics Association Meeting, Marseille, France.

Tucker-Drob, E. M., Briley, D. A., Cheung, A. K., & Harden, K. P. (2013, January). *Personality mediates gene-by-socioeconomic status interaction on academic achievement*. Paper presented at the 2013 Meeting of the Society for Personality and Social Psychology, New Orleans, LA.

Tucker-Drob, E. M., Reynolds, C., Finkel, D., & Pedersen, N. L. (2012, June). *Shared and unique genetic and environmental influences on changes in multiple cognitive abilities over 16 years of late adulthood*. Paper presented at the 2012 Behavior Genetics Association Meeting, Edinburgh, Scotland.

Tucker-Drob, E. M. (2011, July). *Socioeconomic status modifies interest-knowledge associations*. Paper presented at the 2011 Meeting of the International Society for the Study of Individual Differences, London, UK.

Tucker-Drob, E. M., & Harden, K. P. (2011, June). *Parenting and cognitive development: Evidence for reciprocal gene-environment transactions*. Paper presented at the 2011 Behavior Genetics Association Meeting, Newport, RI.

Tucker-Drob, E. M., & Harden, K. P. (2011, May). *Gene-Environment Transactions between Parenting and Cognitive Development*. Paper presented at the 2011 Integrating Genetics and the Social Sciences Conference, Boulder, CO.

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Tucker-Drob, E. M., & Harden, K. P. (2010, May). *Emergence of a gene-by-socioeconomic status interaction on infant mental ability*. Paper presented at the 2010 Behavior Genetics Association Meeting, Seoul, South Korea.

Tucker-Drob, E. M. (2010, April). *Dimensionality of longitudinal changes and the global deficit model of cognitive aging*. Paper presented at the Cognitive Aging Conference, Atlanta, GA.

Tucker-Drob, E. M. (2009, December). *Global and domain-specific changes in cognition throughout adulthood*. Paper presented at the 10th Annual Conference of the International Society for Intelligence Research, Madrid, Spain.

Tucker-Drob, E. M. (2009, December). *Differentiation of human cognitive abilities*. Poster presented at the 10th Annual Conference of the International Society for Intelligence Research, Madrid, Spain.

Tucker-Drob, E. M. (2009, November). *It all goes when it goes: Evidence consistent with a global deficit model of neurocognitive aging*. Poster presented at the Conference on Neurocognition: From Early Development to Aging, Biopolis, Singapore.

Tucker-Drob, E. M., Harden, K. P., Choe, E., & Turkheimer, E. (2008, June). *Nonlinear factor analysis and genetic and environmental influences on intelligence*. Paper presented as part of the Intelligence Symposium at the 2008 Behavior Genetics Association Meeting, Louisville, KY.

Tucker-Drob, E. M., & Salthouse, T. A. (2008, April). *Applications of item response models in the Virginia Cognitive Aging Project*. Poster presented at the Cognitive Aging Conference, Atlanta, GA.

Tucker-Drob, E. M., & Salthouse, T. A. (2007, December). *The centrality of cognitive control to cognition*. Paper presented at the Eighth Annual Conference of the International Society for Intelligence Research, Amsterdam, The Netherlands.

Tucker-Drob, E. M. (2007, October). *Continuous and categorical representations of correlational patterns: An illustration with cognitive control variables*. Presentation at LIFE Academy, University of Michigan, Anne Arbor, MI.

Tucker-Drob, E. M. (2007, May). *The cognitive reserve hypothesis: A longitudinal examination of age-associated declines in reasoning and processing speed*. Presentation at LIFE Academy, Max Planck Institute for Human Development, Berlin, Germany.

Tucker-Drob, E. M., Rabaglia, C. D., Pink, J. E., & Salthouse, T. A. (2006, December). *A contextual approach to construct validation*. Paper presented at the Seventh Annual Conference of the International Society for Intelligence Research, San Francisco, CA.

Elliot M. Tucker-Drob

CURRENT GRADUATE STUDENTS/POSTDOCTORAL TRAINEES

Andrew Grotzinger– UT Graduate Student. Clinical Psychology. 2015-present. Role: Primary Research Mentor.

Cherry Youn – UT Graduate Student. Clinical Psychology. 2018-present. Role: Primary Research Mentor.

Laurel Raffington, Ph.D. – UT Postdoctoral Fellow funded by the German Research Foundation (DFG). 2019-present. Role: Primary Research Mentor (with K. P. Harden).

Javier de la Fuente – Visiting Research Scholar to UT, Ph.D. student in psychiatry at Universidad Autónoma de Madrid. Spring, 2019. Role: Primary Research Mentor at UT.

Megan Patterson – UT Graduate Student. Clinical Psychology. 2014-present. Role: Secondary Research Mentor (with K. P. Harden).

James Madole – UT Graduate Student. Clinical Psychology. 2017-present. Role: Secondary Research Mentor (with K. P. Harden).

Aditi Sabhlok – UT Graduate Student. Clinical Psychology. 2017-present. Role: Secondary Research Mentor (with K. P. Harden).

FORMER GRADUATE STUDENTS/POSTDOCTORAL TRAINEES

Margherita Malanchini, Ph.D. – Incoming Assistant Professor at Queen Mary University of London (tenure-track). Former UT Postdoctoral Fellow. 2017-present. Role: Primary Research Mentor (with K. P. Harden).

Laura Engelhardt, Ph.D. – Data Scientist in the Private Sector. Former National Science Foundation (NSF) Graduate Research Fellow/IDEP Graduate Student/*Special Track in Neuroimaging* (2013-2018). Role: Primary Research Mentor.

Stephanie Savicki, M.A. Adjunct Lecturer, Southwestern University, Georgetown, TX/Liberal Arts Instructional Technology Services (LAITS) Project Associate, University of Texas at Austin. Former UT Graduate Student. Individual Differences & Evolutionary Psychology. 2015-2018. Role: Primary Research Mentor.

Frank D. Mann, Ph.D. – Postdoctoral Research Fellow, University of Minnesota. Former IDEP Graduate Student (2013-2017). Role: Primary Research Mentor (with K. P. Harden).

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Amanda K. Cheung, Ph.D. – Postdoctoral Research Fellow, Kaiser Permanente Medical Center Fremont, California. Former Clinical Psychology Graduate Student (2011-2017). Role: Primary Research Mentor.

Daniel A. Briley, Ph.D. – Assistant Professor of Psychology and Human Sociogenomics (tenure-track), University of Illinois at Urbana-Champaign. Former IDEP Graduate Student (2010-2015). Role: Primary Research Mentor.

Mijke Rhemtulla, Ph.D. – Assistant Professor of Quantitative Psychology (tenure-track), University of California, Davis [formerly Assistant Professor of Psychological Methods (tenure-track), University of Amsterdam.] Former Postdoc (2012-2013). Role: Primary Research Mentor.

DISSERTATION COMMITTEES

Andrew Grotzinger (Psychology, UT; Co-Chair; 2019-present)

Travis Mallead (Psychology, UT; 2019-present)

Megan Patterson (Psychology, UT; Co-Chair, 2018-present)

Jingwen Liu (Curriculum and Instruction; UT; 2016-2019)

Laura Engelhardt (Psychology, UT; Co-Chair, 2017-2018)

Frank Mann (Psychology, UT; Co-Chair, 2016-2017)

Jessie-Raye Bauer (Psychology, UT; 2016-2018)

Amanda Cheung (Psychology, UT; Chair, 2015-2016)

Daniel Briley (Psychology, UT; Chair; 2014-2015)

*Winner of the 2015 Tanaka Dissertation award from the Association for Research in Personality

David Lewis (Psychology, UT; 2010-2013)

Jaime Cloud (Psychology, UT; 2011-2012)

Judith Easton (Psychology, UT; 2011-2012)

UNDERGRADUATE RESEARCH INTERNS

Between approximately 15 and 30 per year. Many typically register for course credit through PSY 357, but others volunteer. Students typically assist in data collection for the Texas Twin Project and are supervised in conjunction with graduate students and project managers. We provide guidance on conducting empirical research, hold professional development meetings, and provide advice on students' career and graduate school plans. Each year I provide letters of recommendation for many these students for job applications and graduate school applications. Each year, several of these students work with data from the Texas Twin Project for independent research projects, e.g. as part of the **Departmental Honors** program, the **Bridging Disciplines** program, the **Polymathic Scholars** program, or the department's **Summer Undergraduate Research Experience (SURE)** program for traditionally underrepresented groups.

EDITORIAL BOARDS

Developmental Psychology (Consulting Editor since 2015; Began handling new manuscripts as Incoming Associate Editor in 2016)

Elliot M. Tucker-Drob

Psychology and Aging (since 2014)

Intelligence (since 2013)

Elliot M. Tucker-Drob

AD HOC REVIEWER: JOURNALS (Since 2009)

Acta Psychologica
Advances in Methods in Psychological Science
American Psychologist
American Sociological Review
Behavior Genetics
Biological Psychiatry
Cerebral Cortex
Child Development
Crime and Delinquency
Current Directions in Psychological Science
Demography
Developmental Psychology
Developmental Science
European Journal of Psychological Assessment
Intelligence
International Journal of Behavioral Development
Journal of Aging Research
Journal of Child Psychology and Psychiatry
Journal of Communication Disorders
Journal of Experimental Psychology: General
Journal of Geriatric Psychiatry and Neurology
Journal of Gerontology: Psychological Sciences
Journal of Gerontology: Social Sciences
Journal of Health and Social Behavior
Journal of Individual Differences
Journal of Personality
Journal of Personality and Social Psychology
Journal of Research in Personality
Journal of the American Aging Association
Learning and Individual Differences
Memory and Cognition
Molecular Psychiatry
Multivariate Behavioral Research
Nature Human Behaviour
Perspectives on Psychological Science
PLoS ONE
Proceedings of the National Academy of Sciences
Psychological Bulletin
Psychological Medicine
Psychological Review
Psychological Science
Psychology and Aging
Scientific Reports
Social Psychological and Personality Science
Translational Psychiatry

GRANT REVIEW PANELS

National Institutes of Health, Population Sciences Subcommittee (CHHD W, 2018)
National Institutes of Health, Special Emphasis Panel 2017/01 ZHD1 DSR-N (FM) 1 (2016)
National Institutes of Health, Behavioral Genetics and Epidemiology Study Section (BGES, 2016)
National Institutes of Health, Special Emphasis Panel ZRG1 PSE-H 50 (2014)
National Institutes of Health, Special Emphasis Panel ZDK1 GRB - J (J1) (2014)
National Science Foundation, Graduate Research Fellowship Program (2010)

AD HOC REVIEWER: GRANTS AND AWARDS (Since 2009)

National Science Foundation, Behavioral Systems Cluster
American Psychological Association – Division 20 Awards
Swiss National Science Foundation – Division of Biology and Medicine Research Grants
Max Planck Society (Germany)
Medical Research Council (United Kingdom)
Wellcome Trust (United Kingdom)

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ADDITIONAL PROFESSIONAL SERVICE (Since 2009)

Editorial Advisory Group (since 2016) – *Child and Family Blog* (A website that supports dissemination of policy- and intervention-relevant research to the wider community; Sponsored by the Jacobs Foundation, The University of Cambridge, and the Future of Children)
<http://childandfamilyblog.com/>

Co-Chair – “Biological, Neurological, and Physical Development” scientific program panel, Society for Research in Child Development (SRCD) Transitions from Adolescence to Adulthood meeting, October 18-20, 2012, Tampa, FL.

PROFESSIONAL AFFILIATIONS

American Psychological Association (APA): since 2008 (Fellow since 2017)
Association for Psychological Science (APS): since 2004
Behavior Genetics Association (BGA): since 2008
International Society for Intelligence Research (ISIR): since 2006
Society for Personality and Social Psychology (SPSP): since 2012
Society for Research in Child Development (SRCD): since 2011

SELECTED MEDIA COVERAGE

Wall Street Journal. How Poverty Hurts Young Children, and Why Rich Parents Don't Matter. January 22, 2011 (Weekend Edition).

http://online.wsj.com/article/SB10001424052748703954004576090020541379588.html?mod=WSJ_hp_mostpop_read

Newsweek. Education Gap Between Rich and Poor Starts Early. February 3, 2011.

<http://education.newsweek.com/2011/02/03/learning-gap-between-rich-and-poor-starts-early.html>

Businessweek. Poverty May Keep Kids from Full Genetic Potential. January 17, 2011.

<http://www.businessweek.com/lifestyle/content/healthday/648824.html>

Salon.com. Poverty Suppresses Children's Genetic Potential, Study Finds. January 10, 2011.

http://www.salon.com/news/feature/2011/01/10/child_health_poverty_genetics/index.html

Austin American Statesman. UT Study Says Socioeconomic Level Has Impact on Kids' Intellectual Abilities. January 29, 2011 (Saturday Edition).

<http://www.statesman.com/news/local/ut-study-says-socioeconomic-level-has-impact-on-1217221.html>

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