

**Curriculum Vitae**  
**Daniel A. Briley**

**CONTACT INFORMATION**

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**MAILING ADDRESS**

The University of Illinois  
417 Psychology Building  
603 E Daniel Street  
Champaign, IL 61820

**ACADEMIC POSITIONS**

2015-present            Assistant Professor  
Department of Psychology, The University of Illinois at Urbana-Champaign

**DEGREES**

2015:                    Ph.D. in Psychology  
University of Texas at Austin

2012:                    M.A. in Psychology  
University of Texas at Austin

2010:                    B.A. Cum Laude in Psychology with Honors  
Pepperdine University, Seaver College of Letters, Arts, and Sciences

**RESEARCH INTERESTS**

- Individual Differences, Behavioral Genetics, Personality Development, Socioecological Contexts of Human Development, Quantitative Methods

**AWARDS, HONORS, & FELLOWSHIPS**

- List of Teachers Ranked as Excellent by Their Students, UIUC (2019)
- Jacobs Foundation Early Career Research Fellowship (2019-2021, 165,000 CHF)
- Association for Psychological Science Rising Star (2018)
- J. S. Tanaka Dissertation Award from the Association for Research in Personality (2016)
- Fulker Award for best paper published in *Behavior Genetics* in 2015 given for Nonparametric Estimates of Gene  $\times$  Environment Interaction Using Local Structural Equation Modeling (2016)
- Harrington Dissertation Fellowship, University of Texas at Austin (2014-2015).
- University of Texas at Austin Psychology Department's Dissertation Research Grant (2014)
- University of Texas at Austin Psychology Department's Summer Research Award (2013-2014)
  - Provided \$5,000 of summer funding for research. Two summers.
- Society for Personality and Social Psychology Student Travel Award (2013)

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- NICHD Ruth L. Kirschstein National Research Service Award (2012-2014). Pre-doctoral Traineeship in Population Studies, Institutional Training Grant T32HD007081-35
- John B. Carroll Award for Best Research Methodology, International Society for Intelligence Research (2012)
- Graduate Research Assistant, *Gene-Environment Interplay in Early Cognitive Development* (2011-2012), NIH grant R21HD069772

### GRANTS AND CONTRACTS

*Simulating Models of Development under Plausible Gene-Environment Interplay (2016-2019)*. PI: Daniel A. Briley. Grant from the Templeton Foundation (subawardee of JTF Grant ID 58792). Amount funded: \$359,573.

*Establishing an Illinois Twin Project (2017-2018)*. PI: Daniel A. Briley. Seed grant from the University of Illinois Social and Behavioral Science Research Initiative. Amount funded: \$20,000.

### JOURNAL PUBLICATIONS (\* indicate student advisees; † indicates former advisees)

Frazier-Wood, A. C., Vainik, U., Engelhardt, L. E., **Briley, D. A.**, Church, J. A., Harden, K. P., & Tucker-Drob, E. M. (2019, June 19). Genetic overlap between executive functions and BMI in childhood. *The American Journal of Clinical Nutrition*. doi: 10.1093/ajcn/nqz109 (article received an Editorial Comment, "It's not all in your head: Genetic underpinnings of the relationship between executive functioning and BMI")

Hoff, K. A.\* , Song, Q. C., **Briley, D. A.**, Rounds, J. B., & Einarsson, S. (2019, January 7). Developmental structure of personality and interests: A 4-wave, 8-year longitudinal study. *Journal of Personality and Social Psychology*. Advanced online publication. <http://dx.doi.org/10.1037/pspp0000228>

Hudson, N. W.†, **Briley, D. A.**, Chopik, W. J., & Derringer, J. (2018, October 25). You have to follow through: Attaining behavioral change goals predicts volitional personality change. *Journal of Personality and Social Psychology*. Advanced online publication. <http://dx.doi.org/10.1037/pspp0000221>

Ayoub, M.\* , **Briley, D. A.**, 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 and Personality Psychological Science*, 10, 711-721. doi: 10.1177/1948550618784890

**Briley, D. A.**, Livengood, J., Derringer, J., Tucker-Drob, E. M., Fraley, R. C., & Roberts, B. W. (2019). Interpreting behavior genetic models: Seven developmental processes to understand. *Behavior Genetics*, 49, 196-210. doi: 10.1007/s10519-018-9939-6

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Mõttus, R., **Briley, D. A.**, Zheng, A.\*, Mann, F. D., Engelhardt, L. E., Tackett, J. L., Harden, K. P., & Tucker-Drob, E. M. (2019). Kids becoming less alike: A behavioral genetic analysis of developmental increases in personality variance from ages 8 to 18. *Journal of Personality and Social Psychology, 117*, 635-658. doi: 10.1037/pspp0000194

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. doi: 10.1002/per.2202

Zheng, A.\*, Tucker-Drob, E. M., & **Briley, D. A.** (2019). National gross domestic product, science interest, and science achievement: A direct replication and extension of the Tucker-Drob, Cheung, and Briley (2014) Study. *Psychological Science, 30*, 776-788. doi: 10.1177/0956797619835768

**Briley, D. A.**, Livengood, J., & Derringer, J. (2018). Behavior genetic frameworks of causal reasoning for personality psychology. *European Journal of Personality, 32*, 202-220. doi: 10.1002/per.2153

Davis, J. P.\*, Dumas, T. M., **Briley, D. A.**, & Sussman, S. (2018). A meta-analysis of the association between substance use and emerging adult development using the IDEA scale. *The American Journal on Addictions, 27*, 166-176. doi: 10.1111/ajad.12707

Fairbairn, C. E., **Briley, D. A.**, Kang, D., Fraley, R. C., Hankin, B. L., & Ariss, T. (2018). A meta-analysis of longitudinal associations between substance use and interpersonal attachment security. *Psychological Bulletin, 144*, 532-555. doi: 10.1037/bul0000141

Grotzinger, A. D., Tucker-Drob, E. M., **Briley, D. A.**, Engelhardt, L. E., Mann, F. D., Patterson, M. W., Tackett, J. L., & Harden, K. P. (2018). Genetic and environmental influences on pubertal hormones in human hair across development. *Psychoneuroendocrinology, 90*, 76-84. doi: 10.1016/j.psyneuen.2018.005

Hoff, K. A.\*, **Briley, D. A.**, Wee, C. J. M., & Rounds, J. B. (2018). Normative changes in interests from adolescence to adulthood: A meta-analysis of longitudinal studies. *Psychological Bulletin, 144*, 426-451. <http://dx.doi.org/10.1037/bul0000140>

**Briley, D. A.**, Tropf, F. C., & Mills, M. C. (2017). What explains the heritability of completed fertility? Evidence from two large twin studies. *Behavior Genetics, 47*, 36-51. doi: 10.1007/s10519-016-9805-3

**Briley, D. A.**, & Tucker-Drob, E. M. (2017). Comparing the developmental genetics of cognition and personality over the lifespan. *Journal of Personality, 85*, 51-64. doi: 10.1111/jopy.12186. (Invited article to Special Issue: The new look of behavior genetics in social inequality: Gene-environment interplay in life chances).

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- Davis, J. P. \*, Smith, D. C., & **Briley, D. A.** (2017). Substance use treatment outcomes of emerging adults in non-college settings: A meta-analysis. *Psychology of Addictive Behaviors, 31*, 242-254. <http://dx.doi.org/10.1037/adb0000267>
- Luo, J. \*, Derringer, J., **Briley, D. A.**, & Roberts, B. W. (2017). Genetic and environmental etiology underlying personality traits and perceived stress: Concurrent and longitudinal twin studies. *European Journal of Personality, 31*, 614-629. doi: 10.1002/per.2127
- Mann, F. D., Engelhardt, L. E., **Briley, D. A.**, Grotzinger, A. D., Patterson, M. W., Strathan, D. B., Heath, A., Lynskey, M., 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. doi: 10.1016/j.paid.2016.09.018
- Roberts, B. W., Luo, J., **Briley, D. A.**, Chow, P. I., Su, R., & Hill, P. L. (2017). A systematic review of personality trait change through intervention. *Psychological Bulletin, 143*, 117-141. <http://dx.doi.org/10.1037/bul0000088>
- Tropf, F. C., Lee, S. H., Verweij, R. M., Stulp, G., van der Most, P. J., de Vlaming, R., Bakshi, A., **Briley, D. A.**, ... & Mills, M. C. (2017). Hidden heritability due to heterogeneity across seven populations. *Nature Human Behavior, 1*, 757-765. doi: 10.1038/s41562-017-0195-1
- Tucker-Drob, E. M., Grotzinger, A., **Briley, D. A.**, Engelhardt, L. E., Mann, F. D., Patterson, M., Kirschbaum, C., Adam, E. K., Church, J. A., Tackett, J. L., & Harden, K. P. (2017). Genetic influences on hormonal markers of chronic HPA function in human hair. *Psychological Medicine, 47*, 1389-1401. doi: 10.1017/S0033291716003068
- Xu, Y., **Briley, D. A.**, Brown, J. R., & Roberts, B. W. (2017). Genetic and environmental influences on household financial distress. *Journal of Economic Behavior & Organization, 142C*, 404-424. doi: 10.1016/j.jebo.2017.08.001
- 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. doi: 10/1037/xge0000195
- Mendle, J., Moore, S. R., **Briley, D. A.**, & Harden, K. P. (2016). Puberty, socioeconomic status, and depression in girls: Evidence for gene × environment interactions. *Clinical Psychological Science, 4*, 3-16. doi: 10.1177/2167702614563598

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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. doi: 10.1037/pspp000098

Wedow, R., **Briley, D. A.**, Short, S. E., & Boardman, J. D. (2016). Gender and genetic contributions to weight identity among adolescents and young adults in the U.S. *Social Science and Medicine, 165*, 99-107. doi: 10.1016/j.socscimed.2016.07.044

**Briley, D. A.**, Harden, K. P., Bates, T. C., & Tucker-Drob, E. M. (2015). Nonparametric estimates of gene  $\times$  environment interaction using local structural equation modeling. *Behavior Genetics, 45*, 581-596. doi: 10.1007/s10519-015-9732-8.

**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. doi: 10.1007/s10519-014-9693-3

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. doi: 10.1177/0956797615577209.

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. doi: 10.1111/jcpp.12419

Kim, Y., **Briley, D. A.**, & Ocepek, M. G. (2015). Differential innovation of smartphone and application use by sociodemographics and personality. *Computers in Human Behavior, 44*, 141-147. doi: <http://dx.doi.org/10.1016/j.chb.2014.11.059>

Mann, F. D., **Briley, D. A.**, Tucker-Drob, E. M., & Harden, K. P. (2015). A behavioral genetic analysis of callous-unemotional traits and big five personality in adolescence. *Journal of Abnormal Psychology, 124*, 982-993. doi: 10.1037/abn0000099

**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. doi: <http://dx.doi.org/10.1016/j.lindif.2014.03.010>

**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. doi: <http://dx.doi.org/10.1037/a0038094>

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**Briley, D. A., & Tucker-Drob, E. M.** (2014). Genetic and environmental continuity in personality development: A meta-analysis. *Psychological Bulletin, 140*, 1303-1331. doi: <http://dx.doi.org/10.1037/a0037091>

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. doi: <http://dx.doi.org/10.1037/a0035893>

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. doi: 10.1037/a0036187

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*, 2407-2057. doi: 10.1177/0956797614548726

**Briley, D. A., & Tucker-Drob, E. M.** (2013). Explaining the increasing heritability of cognitive ability over development: A meta-analysis of longitudinal twin and adoption studies. *Psychological Science, 24*, 1704-1713. doi: 10.1177/0956797613478618

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. doi: 10.1177/0963721413485087

**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, 43*, 743-763. doi: 10.1007/s10519-012-9548-8

Tucker-Drob, E. M. & **Briley, D. A.** (2012). Socioeconomic status modifies interest-knowledge associations among adolescents. *Personality and Individual Differences, 53*, 9-15. doi: 10.1016/j.paid.2012.02.004

**PEER-REVIEWED CHAPTERS IN EDITED VOLUMES**

Tucker-Drob, E. M., & **Briley, D. A.** (2019). Theoretical concepts in the genetics of personality development. In D. McAdams, R. L. Shiner, & J. L. Tackett (Eds.), *The Handbook of Personality Development* (pp. 40-58). New York, NY: Guilford Press.

**Briley, D. A.** (2018). Shared and nonshared environment. In M. H. Bornstein (Ed.), *The Sage Encyclopedia of Lifespan Human Development*. Thousand Oaks, CA: Sage.

Wedow, R., **Briley, D. A.**, Short, S. E., & Boardman, J. D. (2018). Weight identity among older adults in the United States: Genetic and environmental influences. In C. D. Ryff & R. F. Krueger (Eds.),

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*Oxford Handbook of Integrative Health Science* (pp. 263-274). Oxford, England: Oxford University Press. doi: 10.1093/oxfordhb/9780190676384.013.16

**Briley, D. A.** (2017). Behavioral genetic approaches for situation research. In J. F. Rauthman, R. Sherman, & D. C. Funder (Eds.), *The Oxford Handbook of Psychological Situations* (pp. 1-29). Oxford, England: Oxford University Press. doi: 10.1093/oxfordhb/9780190263348.013.35

### CONFERENCE PRESENTATIONS

Vainik, U., **Briley, D. A.**, Colodro-Conde, L., Mortensen, E., Jang, K., Ando, J., Kandler, C., Sørensen, T. I. A., Dagher, A., & Möttus, R. (2019, July). *Obesity and personality: Genetic overlap and direction of causation*. Paper presented at the Annual Meeting of the Society for the Study of Ingestive Behavior, Utrecht, Netherlands.

**Briley, D. A.** (2019, June). *The future of meta-analysis is boring (and that's ok)*. Paper presented at the Association for Research in Personality Conference, Grand Rapids, MI.

Derringer, J., Livengood, J., & **Briley, D. A.** (2019, June). *Anticipating effect sizes and shapes in gene-by-environment interactions*. Paper presented at the Association for Research in Personality Conference, Grand Rapids, MI.

Hudson, N. W., Derringer, J., & **Briley, D. A.** (2019, June). *Do people know how they've changed? A longitudinal investigation of perceived and actual volitional personality change*. Paper presented at the Association for Research in Personality Conference, Grand Rapids, MI.

Spengler, M., Göllner, R., & **Briley, D. A.** (2019, June). *Personality development in adolescence – A meta-analytical approach*. Paper presented at the Association for Research in Personality Conference, Grand Rapids, MI.

White, B. X.\*, Zheng, A.\*, & **Briley, D. A.** (2019, June). *Trajectories of big five personality and general health change across midlife and into old age*. Paper presented at the Association for Research in Personality Conference, Grand Rapids, MI.

Zheng, A.\*, Hudson, N. W., Derringer, J., Chopik, W. J., & **Briley, D. A.** (2019, June). *Cross-trait personality change: Evidence from 14 intensive longitudinal studies*. Paper presented at the Association for Research in Personality Conference, Grand Rapids, MI.

Zheng, A.\*, White, B. X.\*, & **Briley, D. A.** (2019, June). *Genetic and environmental associations between personality and health across midlife and into old age*. Poster presented at the Association for Research in Personality Conference, Grand Rapids, MI.

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**Briley, D. A.**, Derringer, J., & Livengood, J. (2019, May). *Models of development under plausible gene-environment interplay*. Paper presented at the third meeting of the Genetics and Human Agency Initiative, Charlottesville, VA.

**Briley, D. A.** (2019, April). *Developmental behavior genetics of personality, ability, and achievement*. Paper presented at the Annual Jacobs Research Fellows Meeting, Dublin, Ireland.

Hoff, K. A. \*, Einarsdottir, S., Chu, C., **Briley, D. A.**, Rounds, J. (2019, April). *What do you do? Determinants of job choice and career trajectories*. Paper presented at the 24<sup>th</sup> Annual Conference of the Society for Industrial-Organizational Psychology, Washington, D. C.

Davis, J. P. \*, Dumas, T. M., **Briley, D. A.** (2019, January). *Is emerging adult status associated with substance use: A meta-analysis*. Paper presented at the Society for Social Work and Research conference, San Francisco, CA.

Spengler, M., **Briley, D. A.**, Goellner, R. (2019, February). *Personality development in adolescence – A meta-analytic approach*. Paper presented at the annual meeting of the Society for Personality and Social Psychology, Portland, OR.

Rounds, J., Hoff, K. A. \*, **Briley, D. A.**, & Wee, C. (2018, July). *Continuity and change in interests*. Paper presented at the European Conference on Personality, Zadar, Croatia.

Xu, Y., **Briley, D. A.**, & Ksiazkiewicz, A. J. (2018, July). *The genetic and environmental influences on social mobility*. Paper presented at the 2018 ADD Health Users Conference, Bethesda, MD.

Hoff, K. A. \*, **Briley, D. A.**, Wee, C., & Rounds, J. (2018, June). *Continuity and change in interests*. Paper presented at the Society for Vocational Psychology Biennial Conference, Scottsdale, AZ.

**Briley, D. A.**, Livengood, J., & Derringer, J. (2018, June). *Considering the multiverse of gene-environment interplay*. Paper presented at the annual meeting of the Behavior Genetics Association, Boston, MA.

Zheng, A. \*, **Briley, D. A.**, Malanchini, M., Tackett, J. L., Harden, K. P., & Tucker-Drob, E. M. (2018, June). *Genetic and environmental influences on achievement goals shift with age*. Poster presented at the annual meeting of the Behavior Genetics Association, Boston, MA.

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, April). *Genetic and environmental associations between hair hormones and self-reported pubertal development*. Paper presented at the Society for Research on Adolescence Biennial Meeting, Minneapolis, MN.



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- Briley, D. A., & Livengood, J** (2018, May). *Utility of causal claims in behavior genetics under plausible gene-environment interplay*. Paper presented at the second meeting of the Genetics and Human Agency Initiative, Charlottesville, VA.
- Livengood, J., **Briley, D. A., & Derringer, J.** (2018, March). *Reflecting on simulating models of development under plausible gene-environment interplay*. Paper presented at the Models and Simulations 8 Conference, Columbia, SC.
- Zheng, A. \*, & **Briley, D. A.** (2018, March). *Family and national resources moderate the association between interest and achievement*. Poster presented at the 2018 Illinois Summit on Diversity in Psychological Science.
- Briley, D. A.** (2017, June). *Advancing personality psychology using behavior genetics*. Paper presented at the 2017 biennial meeting of the Association for Research in Personality, Sacramento, CA.
- Zheng, A. \*, **Briley, D. A.,** Harden, K. P., & Tucker-Drob, E. M. (2017, June). *Incremental validity of character measures over and above the Big Five Inventory*. Poster presented at the 2017 biennial meeting of the Association for Research in Personality, Sacramento, CA.
- Frazier-Wood, A., Vainik, U., **Briley, D. A.,** Engelhardt, L. E., Grotzinger, A., Church, J. A., Harden, K. P., & Tucker-Drob, E. M. (2017, June). *Genetic overlap between executive functions and body mass index in childhood*. Paper presented at the 2017 annual meeting of the Behavior Genetics Association, Oslo, Norway.
- Briley, D. A., & Derringer, J.** (2017, May). *Simulating models of development under plausible gene-environment interplay*. Paper presented at the first meeting of the Genetics and Human Agency Initiative, Charlottesville, VA.
- Einarsdóttir, S., Song, Q. C., **Briley, D. A., & Rounds, J.** (2017, March). *Longitudinal development of interests and personality traits in emerging adulthood*. Paper presented at the second biannual International Convention of Psychological Science, Vienna, Austria.
- Hoff, K. A., **Briley, D. A.,** Wee, C. J. M., & Rounds, J. B. (2017, March). *Vocational interest development from adolescence to adulthood: A meta-analysis*. Paper presented at the second biannual International Convention of Psychological Science, Vienna, Austria.
- Xu, Y., **Briley, D. A.,** Brown, J. R., & Roberts, B. W. (2017, February). *Genetic and environmental influences on household finance*. Paper presented at the Center for Financial Planning's 2017 Academic Research Colloquium for Financial Planning and Related Disciplines, Arlington, VA.
- Briley, D. A.,** Engelhardt, L. E., Mann, F. D., Patterson, M. W., Grotzinger, A., Tackett, J. L., Harden, K. P., & Tucker-Drob, E. M. (2017, January). *Developmental shifts in the genetic and environmental factor structure of the Big Five*. Paper presented at the Lifespan Development Preconference at the 2017 annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.
- Briley, D. A.** (2016, October). *Using simulation to ground the connections among genes, environments, and human agency*. Paper presented at the 1<sup>st</sup> Midwest Experimental and Theoretical Association Conference, Champaign, IL.

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- Lewis, A. K., **Briley, D. A.**, Engelhardt, L. E., Harden, K. P., & Tucker-Drob, E. M. (2016, August). *The genetic and environmental links between effortful persistence and academic achievement*. Paper presented at the 2016 annual convention of the American Psychological Association – Division 7, Denver, CO.
- Briley, D. A.**, Engelhardt, L. E., Mann, F. D., Patterson, M. W., Grotzinger, A., Tackett, J. L., Harden, K. P., & Tucker-Drob, E. M. (2016, April). *Chronic cortisol is minimally associated with personality*. Paper to be presented at the 2<sup>nd</sup> World Conference on Personality, Búzios, Brazil.
- Briley, D. A.**, Engelhardt, L. E., Mann, F. D., Harden, K. P., & Tucker-Drob, E. M. (2015, September). *Genetic and Environmental Structure of Self-Regulation: Executive Functions and Conscientiousness*. Paper presented at the 2015 annual meeting of the International Society for Intelligence Research, Albuquerque, NM.
- Engelhardt, L. E., **Briley, D. A.**, Mann, F. D., Harden, K. P., & Tucker-Drob, E. M. (2015, September). *Executive function as a developmental endophenotype for intelligence and academic achievement*. Paper presented at the 2015 annual meeting of the International Society for Intelligence Research, Albuquerque, NM.
- Briley, D. A.**, Harden, K. P., Bates, T. C., & Tucker-Drob, E. M. (2015, June). *Nonparametric Gene × Environment Estimation: Local Structural Equation Modeling*. Paper presented at the 2015 annual meeting of the Behavior Genetics Association, San Diego, CA.
- Engelhardt, L. E., **Briley, D. A.**, Harden, K. P., & Tucker-Drob, E. M. (2015, June). *Associations between dimensions of psychosocial stress and cognitive performance in a diverse twin sample*. Paper presented at the 2015 annual meeting of the Behavior Genetics Association, San Diego, CA.
- Tucker-Drob, E. M., **Briley, D. A.**, Engelhardt, L. E., Mann, F. D., Patterson, M. W., & Harden, K. P. (2015, June). *Biometric analysis of chronic cortisol in a socioeconomically diverse twin sample*. Paper presented at the 2015 annual meeting of the Behavior Genetics Association, 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 intelligence and academic achievement*. Paper presented at the 2015 annual meeting of the Association for Psychological Science, New York, NY.
- Curtis, H. E., **Briley, D. A.**, Cheung, A., Engelhardt, L. E., Kretsch, N., Mann, F. D., Patterson, M. W., Tackett, J. L., Harden, K. P., & Tucker-Drob, E. M. (2015, May). *Child genetic effects on parental educational expectations increase with age: Evidence for gene-environment correlation*. Poster presented at the 2015 annual meeting of the Association for Psychological Science, New York, NY.
- Lewis, A. K., **Briley, D. A.**, Engelhardt, L. E., Harden, K. P., & Tucker-Drob, E. M. (2015, May). *The genetic and environmental links between effortful persistence and academic achievement*. Poster presented at the 2015 annual meeting of the Association for Psychological Science, New York, NY.
- Mann, F. D., Curtis, H. E., Patterson, M. W., Kretsch, N., **Briley, D. A.**, Engelhardt, L. E., Cheung, A. K., Tucker-Drob, E. M., & Harden, K. P. (2015, May). *Personality and sexual initiation in adolescence*. Poster presented at the 2015 annual meeting of the Association for Psychological Science, New York, NY.

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- Briley, D. A.** (2015, May). *What explains the heritability of completed fertility? Evidence from a large U.S. twin study*. Paper presented at the 2015 annual meeting of the Population Association of America, San Diego, CA.
- Engelhardt, L., **Briley, D. A.**, Harden, K. P., & Tucker-Drob, E. M. (2015, March). *Indices of family and community stress impact chronic cortisol and cognitive ability across childhood*. Paper presented at the 2015 Society for Research on Child Development Biennial Meeting, Philadelphia, PA.
- Mendle, J., Moore, S. R., **Briley, D. A.**, & Harden, K. P. (2015, March). *Menarche, socioeconomic status, and depression in girls: Evidence for gene  $\times$  environment interactions*. Paper presented at the 2015 International Convention of Psychological Science, Amsterdam, The Netherlands.
- Tucker-Drob, E. M., **Briley, D. A.**, Bates, T. C., & Harden, K. P. (2015, March). *Nonparametric estimates of gene  $\times$  environment interaction using local structural equation modeling*. Paper presented at the 2015 International Convention of Psychological Science, Amsterdam, The Netherlands.
- Engelhardt, L., **Briley, D. A.**, Mann, F. D., Church, J. A., Harden, K. P., & Tucker-Drob, E. M. (2014, September). *The unity and diversity framework of executive functions in childhood: A behavioral genetics approach*. Poster presented at the 2014 Flux Congress, Los Angeles, CA.
- Briley, D. A.**, Harden, K. P., & Tucker-Drob, E. M. (2014, June). *Genotype  $\times$  cohort interaction on completed fertility and age at first birth*. Paper presented at the 2014 44<sup>th</sup> annual meeting of the Behavior Genetics Association, Charlottesville, VA.
- Engelhardt, L., **Briley, D. A.**, Mann, F. D., Harden, K. P., & Tucker-Drob, E. M. (2014, June). *Genetic and environmental structure of executive functions in childhood*. Paper presented at the 2014 44<sup>th</sup> annual meeting of the Behavior Genetics Association, Charlottesville, VA.
- Briley, D. A.**, Potter, J. E., Rentfrow, J. P., Gosling, S. D., Potter, J., & Tucker-Drob, E. M. (2014, May). *Regional variation in personality is associated with regional variation in the level and shape of the fertility schedule across the United States*. Paper presented at the 2014 annual meeting of the Population Association of America, Boston, MA.
- Harden, K. P., Rhemtulla, M., **Briley, D. A.**, Tucker-Drob, E. M. (2014, May). *Toward and integrative theoretical framework for candidate gene and quantitative genetic studies of gene  $\times$  environment interaction*. Paper presented at the 2014 26<sup>th</sup> annual meeting of the Association of Psychological Science, San Francisco, CA.
- Tucker-Drob, E. M., & **Briley, D. A.** (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 26<sup>th</sup> annual meeting of the Association of Psychological Science, San Francisco, CA.
- Briley, D. A.**, Tackett, J. L., Harden, K. P., & Tucker-Drob, E. M. (2014, March). *Understanding child genetic effects on parental educational expectations: Explanation through child individual characteristics*. Poster presented at the 2014 meeting of the Society for Research on Adolescence, Austin, TX.
- Hinojosa, C., **Briley, D. A.**, & Crosnoe, R. (2014, March). *The ramifications of early neighborhood disadvantage for adolescent achievement and risk taking*. Poster presented at the 2014 meeting of the Society for Research on Adolescence, Austin, TX.

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- Briley, D. A.,** Tackett, J. L., Harden, K. P., & Tucker-Drob, E. M. (2014, February). *Network analysis of the Big Five Inventory: Application in the context of a twin and family study*. Poster presented at the Fifteenth Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.
- Hinojosa, C., **Briley, D. A.,** & Crosnoe, R. (2013, November). *The impact of neighborhood safety and youths' attitudes on delinquency and achievement*. Paper presented at the 69<sup>th</sup> annual meeting of The American Society of Criminology, Atlanta, GA.
- Briley, D. A.,** & Tucker-Drob, E. M. (2013, April). *Transmission or transaction? The role of child characteristics in parental educational expectations using both longitudinal and behavior genetic methods*. Paper presented at the Annual Meeting of the Population Association of America, New Orleans, LA.
- Briley, D. A.,** & Tucker-Drob, E. M. (2013, January). *Continuity of genetic and environmental influences on personality traits across the lifespan: A meta-analysis of longitudinal twin-adoption studies*. Paper presented at the Fourteenth Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA.
- Tucker-Drob, E. M., **Briley, D. A.,** Cheung, A. K., & Harden, K. P. (2013, January). *Personality mediates gene-by-socioeconomic interaction on academic achievement: Evidence from multiple representative samples of children and adolescents*. Paper presented at the Fourteenth Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA.
- Briley, D. A.,** & Tucker-Drob, E. M. (2012, December). *Explaining the increasing importance of genetic variation for cognitive development: A meta-analysis of longitudinal twin and adoption studies*. Paper presented at the Thirteenth Annual Conference of the International Society for Intelligence Research, San Antonio, TX.
- Briley, D. A.,** & Tucker-Drob, E. M. (2012, June). *Continuity of genetic and environmental influences on cognition across the life span: A meta-analysis of longitudinal twin and family studies*. Paper presented at the 42<sup>nd</sup> annual meeting of the Behavior Genetics Association, Edinburgh, UK.
- Woods, A., Harden, K. P., **Briley, D. A.,** Kretsch, N., & Tucker-Drob, E. M. (2012, March). *Parental Educational Expectations and Academic Efficacy in Adolescent Twins*. Poster presented at the 2012 Society for Research on Adolescence Meeting, Vancouver, BC, Canada.
- Briley, D. A.** (2010, April). *Testing William James' Temperament Hypothesis Concerning the Effect of Personality on Philosophic Disposition*. Poster presented at the 2010 Western Psychological Association Meeting, Cancun, Mexico.

### INVITED TALKS

- Briley, D. A.** (2019). *Causal claims using behavior genetics (plus some philosophy)*. Talk presented for the Clinical/Community Psychology Area Meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2017). *Developmental behavior genetics of personality factor coherence and differentiation*. Talk presented for the Clinical Psychology Area Meeting, Purdue University.
- Briley, D. A.** (2017). *Using behavior genetics to better understand the development of personality and human agency*. Talk presented for the general psychology colloquium at Colby College.

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- Briley, D. A.** (2017). *Behavior genetic approaches to the development of personality, educationally-relevant skills, and human agency*. Talk presented for the 5<sup>th</sup> Annual Tübingen Summer Series on Personality Psychology, Tübingen University.
- Briley, D. A.** (2017). *Growing up and growing apart: Developmental behavior genetics of personality and human agency*. Talk presented for the Cognitive Area Meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2017). *A developmental behavior genetic approach to cognitive functioning and human agency*. Talk presented for the Cognitive Neuroscience Area Meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2016). *Putting gene-environment interplay pieces together: Developmental implications and Human Agency*. Talk presented for the Personality and Health Area Meeting, Northwestern University.
- Briley, D. A.** (2016). *Human performance and human agency: Drawing on genetically-informative developmental research*. Talk presented for the Visual Cognition and Human Performance Area Meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2016). *Behavior genetic approaches to normal and abnormal development*. Talk presented for the Clinical/Community Psychology Area Meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2016). *Using meta-analysis to address novel developmental questions*. Talk presented for the Quantitative Psychology Area Meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2015). *Consequences of gene-environment interplay for cognitive development*. Talk presented for the Genomics: Behavior, Economics, and Policy meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2015). *Personality, noncognitive skills, executive functions, and cortisol: A behavior genetic approach*. Talk presented for the Social-Personality-Organization Psychology Area Meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2015). *Why are psychological characteristics stable across development?* Talk presented for the Developmental Psychology Area Meeting, University of Illinois at Urbana-Champaign.
- Briley, D. A.** (2015). *Gene-environment interplay in the development of personality and cognitive ability*. Talk presented at the University of Illinois at Urbana-Champaign.

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**Briley, D. A.** (2013). *Genetic and environmental continuity in the development of personality and cognitive ability: Meta-analytic evidence from longitudinal twin and adoption studies*. Talk presented for the Clinical Area Meeting, University of Texas at Austin.

**Briley, D. A.** (2011). *Genetic and environmental effects on the facet structure of the Five Factor Model*. Talk presented for the Social and Personality Area Meeting, University of Texas at Austin.

**Briley, D. A.** (2011). *Styles of seeking psychological knowledge*. Talk presented for the Social and Personality Area Meeting, University of Texas at Austin.

### MEDIA AND IMPACT

**Briley, D. A., & Tucker-Drob, E. M.** (2019). *What do the genetics of education tell us about learning? Not necessarily what you might think*. Invited submission for the Blog on Learning and Development. <https://bold.expert/what-do-the-genetics-of-education-tell-us-about-learning/>

### COURSES TAUGHT

PSYC 250: *Psychology of Personality* (UIUC; FA2015, SP2016; FA2016; SP2017; FA2017; SP2018)

PSYC 501: *Applied Structural Equation Modeling* (UIUC; FA2018; FA2019)

### ACADEMIC SERVICE

2020-present Associate Editor for *Developmental Psychology*

2019-present Consulting Editor for *Journal of Personality and Social Psychology*

2017 Selection committee for ARP J. S. Tanaka Dissertation Award

2016-2019 Consulting Editor for *Developmental Psychology*

2016-present Consulting Editor for *European Journal of Personality*

2015 Guest Action Editor for *SAGE Open*

### AD HOC REVIEWER (JOURNALS)

*AERA-Open; Behavior Genetics; Child Development; Collabra; Computers in Human Behavior; Development and Psychopathology; Developmental Psychology; European Journal of Personality; Frontiers in Sociology; Intelligence; Journal of Gerontology: Psychological Sciences; Journal of Abnormal Psychology; Journal of Intelligence; Journal of Personality; Journal of Personality and Social Psychology; Journal of Personality Assessment; Journal of Research in Personality; Learning and Individual Differences; Organizational Behavior and Human Decision Processes; Personality and Individual Differences; PLOS One; Psychological Bulletin; Psychological Science; Social Psychological and Personality Science; Social Science and Medicine*

### AD HOC REVIEWER (GRANTS)

2018 National Science Foundation (1)

## **Daniel A. Briley**

### **PROFESSIONAL AFFILIATIONS**

Association for Psychological Science (APS): since 2011

Association for Research in Personality (ARP): since 2012

Behavior Genetics Association (BGA): since 2012

International Society for Intelligence Research (ISIR): since 2012