

**Jaime Lane Derringer**  
curriculum vitae (abbreviated)  
March 2023

**contact**

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**expertise**

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individual differences, measurement, gender and sexuality, behavior genetics

**employment**

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Assistant Head for Information and Communication	Psychology	University of Illinois at Urbana-Champaign	2023 –
Associate Professor	Psychology	University of Illinois at Urbana-Champaign	2020 –
Assistant Professor	Psychology	University of Illinois at Urbana-Champaign	2013 – 2020
Post-Doctoral Fellow	Institute for Behavioral Genetics	University of Colorado Boulder	2011 – 2013

**additional affiliations & ongoing campus-level or above professional service**

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Treasurer	Behavior Genetics Association (elected)	2021 – 2024
Faculty Affiliate	Gene Networks in Neural & Developmental Plasticity, Institute for Genomic Biology, UIUC	2021 –
Faculty Affiliate	Center for Social and Behavioral Science, UIUC	2020 –
Faculty Senator	Senate of the Urbana-Champaign Campus (elected)	2015 – 2025

**education**

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Ph.D.	Psychology	University of Minnesota	2011
Ph.D. coursework	Psychology	Washington University in St. Louis	2008 – 2010
M.A.	Psychology	University of Minnesota	2008
B.S. with honors	Psychology	Carnegie Mellon University	2006

**grant support (2018 – present)**

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1. Center for Social and Behavioral Science Small Grant Program (2022 – 2023). A longitudinal study of Psychology Observed Within Every Romantic relationship (POWER). Co-Principal Investigator, **\$ 20 000**.
2. University Library Open Education Resources Incentive Grant (2022 – 2023). Development of OER for Human Behavior Genetics. **\$ 6 000**.
3. John Templeton Foundation 58792 (2016 – 2019). Simulating models of development under plausible gene-environment interplay. Sub-award of: Human Agency: Genetics, Epigenetics, Philosophy, and Complex Behavior. **\$ 389 563**, Co-Principal Investigator.

**papers (2018 – present)**

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+ indicates supervised student first author

1. + Junkins, E. J., Dugan, K., Chehab, S., Han, Y. S., Liu, T., Yuan, J., & Derringer, J. (under review). Systematic review of the exclusion of LGBTQIA+ and nonbinary people in romantic relationships research. **PsyArXiv**. <https://doi.org/10.31234/osf.io/8c9ju>
2. + Junkins, E. J., Pantin, K., & Derringer, J. (under review). Personality Differences across Broader Sexual Orientations and Gender Identities. **PsyArXiv**. <https://doi.org/10.31234/osf.io/3gqye>
3. + Pantin, K., & Derringer, J. (in revision). A Short Measure of Sexual Self Concept. **PsyArXiv**. <https://doi.org/10.31234/osf.io/2bqf8>
4. Zheng, A., Hudson, N., Chopik, W., Derringer, J., & Briley, D.A. (in revision). Time-Ordered Associations Among Personality States: Evidence from 28 Intensive Longitudinal Samples.
5. + Bucknor, B., & Derringer, J. (2021). Exploring the Utility of Current Polygenic Scores in Capturing Resilience. **Psychiatric Genetics**, 32, 15-24. <https://doi.org/10.31234/osf.io/tx952>
6. + Junkins, E. J., Potter, J. E., Rentfrow, P. J., Gosling, S. D., Potter, J., Harden, K. P., Tucker-Drob, E. M., Derringer, J., & Briley, D. A. (2021). Geographic Variation in Personality is Associated with Fertility across the United States. **Personality Science**, 2, 1-26. <https://doi.org/10.5964/ps.7275>
7. Hannikainen, I. R., Hudson, N. W., Chopik, W. J., Briley, D. A., & Derringer, J. (2020). Moral Migration: Desires to Become More Empathic Predict Changes in Moral Foundations. **Journal of Research in Personality**, 88, 104011. <https://psyarxiv.com/es6wm/>
8. Border, R., Smolen, A., Corley, R. P., Stallings, M. C., Brown, S. A., Conger, R. D., Derringer, J., ... Evans, L. M. (2019). Imputation of behavioral candidate gene repeat variants in 486,551

publicly-available UK Biobank individuals. **European Journal of Human Genetics**, 27(6), 963-969. <https://doi.org/10.1101/358267>. [7<sup>th</sup> of 16 authors]

9. 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(2), 196-210. <http://publish.illinois.edu/dabriley/files/2018/11/Briley-2018-Interpreting-behavior-genetic-models.pdf>
10. Derringer, J. (2019). Simulation of model overfit in variance explained with genetic data. **bioRxiv**, <https://doi.org/10.1101/598904>
11. Hudson, N. W., Briley, D. A., Chopik, W. J., & Derringer, J. (2019). You have to follow through: Attaining behavioral change goals predicts volitional personality change. **Journal of Personality and Social Psychology**, 117(4), 839. <https://doi.org/10.31234/osf.io/t36gf>
12. Hudson, N. W., Derringer, J., & Briley, D. A. (2019). Do people know how they've changed? A longitudinal investigation of volitional personality change and participants' retrospective perceptions thereof. **Journal of Research in Personality**, 83, 103879.
13. Briley, D. A., Livengood, J., & Derringer, J. (2018). Behaviour genetic frameworks of causal reasoning for personality psychology. **European Journal of Personality**, 32(3), 202-220. <http://philsci-archive.pitt.edu/id/eprint/14550>
14. Derringer, J. (2018). A simple correction for non-independent tests. **PsyArXiv**, <https://doi.org/10.31234/osf.io/f2tyw>
15. Derringer, J. (2018). Explaining heritable variance in human character. **bioRxiv**, <https://doi.org/10.1101/446518>.
16. Pasman, J. A., Verweij, K. J., Gerring, Z., Stringer, S., Sanchez-Roige, S., Treur, J. L., ... Derringer, J., ... Ip, H. F. (2018). GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal influence of schizophrenia. **Nature Neuroscience**, 21, 1161-1170. <https://doi.org/10.1101/234294> [22<sup>nd</sup> of 50 authors]

#### conference presentations & invited talks (2018 – present)

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+ indicates supervised student first author

1. + Junkins, E. J., Dugan, K. A., ... & Derringer, J. (2023, February). Who are we including in romantic relationship sciences? Poster presented at the "Close Relationships" pre-conference at the **Society for Personality and Social Psychology**, Atlanta, GA.
2. + Junkins, E. J., Pantin, K., & Derringer, J. (2022, November). Personality Across Diverse Sexual Orientations and Gender Identities in an Online Convenience Sample. Paper presented at the **Society for the Scientific Study of Sexuality**, Vancouver, Canada.

3. + Junkins, E. J., Dugan, K., & Derringer, J. (2022, July). Exclusion of LGBTQ+ and Nonbinary Folks in Romantic Relationships Research. Lightning talk presented at the Summer Psychology Forum, “Addressing U.S. Health Disparities with Social and Personality Psychology” for the **Society for Personality and Social Psychology**, Minneapolis, MN.
4. Derringer, J. (2022, April). Embracing complexity in human development, individual experience, and science communication. Invited talk at the annual meeting of the **Midwestern Psychological Association**, Chicago IL.
5. + Junkins, E. J., Dugan, K., Chehab, S., Han, S., Liu, T., Yuan, J., & Derringer, J. (2022, February). Exclusion of LGBTQ+ and Nonbinary Folks in Romantic Relationships Research. Poster presented at the **Society for Personality and Social Psychology**, San Francisco, CA.
6. + Bucknor, B. & Derringer, J. (2021, October). GWAS of resilience. Poster presented at the **World Congress of Psychiatric Genetics**, virtual meeting.
7. Derringer, J. (2021, June). Teaching human behavior genetics. Poster presented at the **Behavior Genetics Association**, virtual meeting.
8. + Junkins, E. J., Briley, D. A., & Derringer, J. (2021, June). The assessment and heritability of a brief measure of agency. Poster presented at the **Association for Research in Personality**, virtual meeting.
9. + Junkins, E. J., Pantin, K., & Derringer, J. (2021, June). Personality differences across broader sexual orientations and gender identities. Poster presented at the **Association for Research in Personality**, virtual meeting.
10. + Pantin, K. & Derringer, J. (2021, March). Sexual self-concept: Factor structure and development of a short form. Paper presented at the **Society for Personality Assessment**, virtual meeting.
11. Derringer, J. (2020, October). Development of the PID-5. Invited talk at **King’s College London**, virtual meeting.
12. + Bucknor, B. A. & Derringer, J. (2020, June). Current polygenic scores fail to capture resilience. Paper presented at the **Behavior Genetics Association**, virtual meeting.
13. + Junkins, E. J., Briley, D. A., & Derringer, J. (2020, June). Genetic and environmental overlap of agency and the Big Five personality traits. Poster presented at the **Behavior Genetics Association**, virtual meeting.
14. Zheng, A., Vogt, R. L., Junkins, E. J., Bucknor, B. A., Derringer, J. L., & Briley, D. A. (2020, June). Testing the phenotypic null hypothesis: A multivariate examination in MIDUS. Paper presented at the **Behavior Genetics Association**, virtual meeting.

15. Derringer, J. (2019, November). Data and assumptions for gene-environment interactions. Invited talk at meeting: Polygenic scores and their applications. **New York Genome Center**, New York NY.
16. + Pantin, K. & Derringer, J. (2019, October). Sexual self-concept: Factor structure and development of a short form. Poster presented at the **Society for the Scientific Study of Sexuality**, Denver CO.
17. + Bucknor, B. & Derringer, J. (2019, September). Exploring the genetics of resilience through a polygenic lens. Poster presented at **Society for Research in Psychopathology**, Buffalo NY.
18. Derringer, J., Livengood, J., & Briley, D. A. (2019, June). Anticipating effect sizes and shapes in gene-by-environment interactions. In Symposium: Registered Reports in Personality Research. **Association for Research in Personality**, Grand Rapids MI. <https://osf.io/8fyz2/>
19. Hudson, N., Derringer, J., & Briley, D. A. (2019, June). Do people know how they've changed? A longitudinal investigation of perceived and actual volitional personality change. In Symposium: New Research on Volitional Personality Change Processes. **Association for Research in Personality**, Grand Rapids MI.
20. + Pantin, K. & Derringer, J. (2019, June). The bivariate heritability of personality and sexual wellbeing. Poster presented at the **Behavior Genetics Association**, Stockholm, Sweden.
21. Zheng, A., Hudson, N. W., Derringer, J. L., 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**, Grand Rapids MI.
22. \*Briley, D. A., \*Derringer, J., & \*Livengood, J. (2019, May). Models of development under plausible gene-environment interplay. Invited talk at meeting: Genetics and Human Agency. **University of Virginia**, Charlottesville VA. (\* co-presenting authors)
23. Hudson, N. W., Chopik, W. J., Derringer, J., & Briley, D. A. (2019, May). Volitional change in adult attachment: Can people who want to become less anxious and avoidance move closer toward realizing those goals? Poster presented at the **Association for Psychological Science**, Washington DC.
24. Derringer, J. (2018, September). Reconstructing personality from an etiologic perspective. Invited talk at meeting: Conceptualizing and Assessing Personality: New Approaches to Fundamental Questions, hosted by **European Association of Personality Psychology / European Association of Psychological Assessment Expert Meeting**, Edinburgh Scotland.
25. Briley, D. A., Livengood, J., & \*Derringer, J. (2018, June). Considering the multiverse of gene-environment interplay. In symposium: Free Will and Determinism. **Behavior Genetics Association**, Boston MA. [\* presenting author]

26. Derringer, J. (2018, June). GxE in health and well-being. In symposium: Explaining Differences in Well-Being. **Behavior Genetics Association**, Boston MA. <https://osf.io/3yzgs/>
27. Livengood, J., Briley, D. A., & Derringer, J. (2018, March). Reflecting on simulating models of development under plausible gene-environment interplay. In symposium: History and Philosophy of Computer Simulations. **Models and Simulations**, Columbia SC.
28. + Pantin, K. & Derringer, J. (2018, March). Sexual self-concept: Higher-order structure and development of a short form. Poster presented at the **Illinois Summit on Diversity in Psychological Science**, Champaign IL.