


DERRINGER

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current employment, affiliations, & select ongoing professional service

Assistant Head for Information & Communication, Department of Psychology, University of Illinois at Urbana-Champaign (UIUC), 2023 – Present
Treasurer, Behavior Genetics Association, 3-year elected term 2021 – 2024
Faculty Affiliate, Gene Networks, in Neural & Developmental Plasticity, Institute for Genomic Biology, UIUC, 2021 – Present
Faculty Affiliate, Center for Social and Behavioral Science, UIUC, 2020 – Present
Associate Professor, Department of Psychology, UIUC, 2020 – Present
Faculty Senator representing the Department of Psychology, Senate of the Urbana-Champaign Campus, UIUC, elected 2015 – 2025

previous employment & education

Assistant Professor, Department of Psychology, UIUC, 2013 – 2020
Post-Doctoral Fellow, Institute for Behavioral Genetics, University of Colorado – Boulder, 2011 – 2013
Ph.D., Psychology (Personality, Individual Differences, & Behavior Genetics), University of Minnesota, 2011
Ph.D. coursework, Psychology (Clinical), Washington University in St. Louis, 2008 – 2010
M.A., Psychology (Personality, Individual Differences, & Behavior Genetics), University of Minnesota, 2008
B.S. with honors, Psychology, Carnegie Mellon University, 2006

grant support (2018 – present)

Center for Social and Behavioral Science Small Grant Program, UIUC (2022 – 2023). A longitudinal study of Psychology Observed Within Every Romantic relationship (POWER). Co-Principal Investigator, \$ 20 000.
University Library Open Education Resources Incentive Grant, UIUC (2022 – 2023). Development of open education resources for Psyc 408 Human Behavior Genetics. \$ 6 000.
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. Co-Principal Investigator, \$ 389 563.

papers (2018 – present)

link to public free version provided as available
 + indicates supervised student first author

1. + Junkins, E. J., Briley, D. A., & Derringer, J. (under review). Basic or adaptation: The assessment and heritability of a brief measure of agency. **ResearchSquare** pre-print. <https://doi.org/10.21203/rs.3.rs-3854555/v1>
2. + Junkins, E. J., Ogolsky, B., & Derringer, J. (under review). Not Like Everybody Else But We're the Same: Psychosocial Variables across Diverse Sexual and Gender Identities. **PsyArXiv** pre-print. <https://doi.org/10.31234/osf.io/asfx2>
3. 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.
4. Dugan, K. A., Junkins, E. J., Derringer, J., & Briley, D. A. (in press, 2024) Appreciating all that life has to offer: Expanding the richness and diversity of the live experiences we study. In: Open Peer Commentary and Author Response Regarding 'Life Events and Personality Change: A Systematic Review and Meta-Analysis.' **European Journal of Personality**.
5. + Junkins, E. J., Dugan, K., Chehab, S., Han, Y. S., Liu, T., Yuan, J., & Derringer, J. (in press, 2024). Systematic review of queer and minority identities in romantic relationships research. **Psychology & Sexuality**. <https://osf.io/preprints/psyarxiv/8c9ju>
6. + Junkins, E. J., Pantin, K., & Derringer, J. (in press, 2024). Personality across Diverse Sexual Orientations and Gender Identities in an Online Convenience Sample. **Journal of Research in Personality**. <https://doi.org/10.1016/j.jrp.2024.104466>
7. + 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>
8. + 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>
9. 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/>
10. + Pantin, K., & Derringer, J. (2020). A Short Measure of Sexual Self Concept. **PsyArXiv**. <https://doi.org/10.31234/osf.io/2bqf8>

11. 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>. [7th of 16 authors]
12. 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>
13. Derringer, J. (2019). Simulation of model overfit in variance explained with genetic data. **bioRxiv**, <https://doi.org/10.1101/598904>
14. 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), 839–857.. <https://doi.org/10.31234/osf.io/t36gf>
15. 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.
16. 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>
17. Derringer, J. (2018). A simple correction for non-independent tests. **PsyArXiv**, <https://doi.org/10.31234/osf.io/f2tyw>
18. Derringer, J. (2018). Explaining heritable variance in human character. **bioRxiv**, <https://doi.org/10.1101/446518>.
19. Pasma, 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> [22nd of 50 authors]

presentations (2018 – present)

+ indicates supervised student first author

1. + Kadel, B., Briley, D. A., & Derringer, J. (planned, 2024, June). Analyzing novel sexual orientation and gender identity phenotypes using genetic relatedness matrices. Poster to be presented at the **Behavior Genetics Association**, London, England.

2. + Kunstman, B., Woosley, A., & Derringer, J. (planned, 2024, June). A qualitative analysis of perceptions of SGM genetic research. Poster to be presented at the **Behavior Genetics Association**, London, England.
3. + Woosley, A., Kunstman, B., & Derringer, J. (planned, 2024, June). Quantifying opinions of sexual orientation and gender identity genetics research. Poster to be presented at the **Behavior Genetics Association**, London, England.
4. + Xu, Y. V., Briley, D. A., & Derringer, J. (planned, 2024, June). Dissecting genetic and environmental contribution on the link between adolescent gender nonconformity and trait risk-taking. Poster to be presented at the **Behavior Genetics Association**, London, England.
5. + Wasfie, D., Junkins, E. J., & Derringer, J. (planned, 2024, April). Queer Arab Americans perceptions of Western queer spaces and belonging. Poster to be presented at the **Midwestern Psychological Association**, Chicago, IL.
6. + Kadel, B., Junkins, E. J., & Derringer, J. (2024, February). How does variation in gender expression relate to diverse gender labels and sexual orientations? Lightning talk presented at the Gender pre-conference at the **Society for Personality and Social Psychology**, San Diego, CA.
7. + Junkins, E. J. & Derringer, J. (2023, June). Testing Equal Processes: Cross-sectional Associations of Personality, Social Experiences, and Health in a Sexual and Gender Diverse Sample. Paper presented at the **Association for Research in Personality**, Evanston IL.
8. + Junkins, E. J., Dugan, K. A., Han, Y. S., Okpala, M., Rao, L., Warshay, A., Wasfie, D., Yuan, J., & 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.
9. + 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.
10. + 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.
11. Derringer, J. (2022, April). Embracing complexity in human development, individual experience, and science communication. Invited talk at the **Midwestern Psychological Association**, Chicago IL.

12. + 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.
13. + Bucknor, B. & Derringer, J. (2021, October). GWAS of resilience. Poster presented at the **World Congress of Psychiatric Genetics**, virtual meeting.
14. Derringer, J. (2021, June). Teaching human behavior genetics. Poster presented at the **Behavior Genetics Association**, virtual meeting.
15. + 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.
16. + 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.
17. + 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.
18. Derringer, J. (2020, October). Development of the PID-5. Invited talk at **King's College London**, virtual meeting.
19. + Bucknor, B. A. & Derringer, J. (2020, June). Current polygenic scores fail to capture resilience. Paper presented at the **Behavior Genetics Association**, virtual meeting.
20. + 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.
21. 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.
22. Derringer, J. (2019, November). Data and assumptions for gene-environment interactions. Meeting topic: Polygenic scores and their applications. Invited talk at the **New York Genome Center**, New York NY.
23. + 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.

24. + Bucknor, B. & Derringer, J. (2019, September). Exploring the genetics of resilience through a polygenic lens. Poster presented at the **Society for Research in Psychopathology**, Buffalo NY.
25. 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/>
26. 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.
27. + Pantin, K. & Derringer, J. (2019, June). The bivariate heritability of personality and sexual wellbeing. Poster presented at the **Behavior Genetics Association**, Stockholm, Sweden.
28. 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.
29. *Briley, D. A., *Derringer, J., & *Livengood, J. (2019, May). Models of development under plausible gene-environment interplay. Meeting topic: Genetics and Human Agency. Invited talk at the **University of Virginia**, Charlottesville VA. (* co-presenting authors)
30. 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.
31. Derringer, J. (2018, September). Reconstructing personality from an etiologic perspective. Meeting topic: Conceptualizing and Assessing Personality: New Approaches to Fundamental Questions. Invited talk at the **European Association of Personality Psychology / European Association of Psychological Assessment Expert Meeting**, Edinburgh Scotland.
32. 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]
33. 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/>
34. 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.

35. + 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.

select honors & awards

Mabel Kirkpatrick Hohenboken Teaching Enhancement Award, Department of Psychology, UIUC, 2018

Teachers Ranked as Excellent by Their Students, UIUC, every semester 2014 – Present

Thompson Award for Most Excellent Presentation by an Associate Member, Behavior Genetics Association, 2010

teaching (2018 – present)

Instructor, BCOG 200 Intro to Programming for Brain & Cognitive Science, UIUC, 2024

Instructor and Course Creator, PSYC 408 Human Behavior Genetics, UIUC, 2015 – Present

Co-Instructor, PSYC 250 Psychology of Personality, UIUC, 2013 – 2019