

**Leah S. Richmond-Rakerd, Ph.D.**  
*Curriculum Vitae*

**Mailing Address:** University of Michigan  
Department of Psychology  
530 Church Street  
Ann Arbor, MI 48109

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**ACADEMIC APPOINTMENTS**

2020-present **Assistant Professor of Psychology**  
*University of Michigan, Ann Arbor, MI*

2024-present **Affiliate Faculty**  
*Center to Accelerate Population Research in Alzheimer's, University of Michigan, Ann Arbor, MI*

**EDUCATION**

2017-20 **Postdoctoral Fellow**  
*Center for Developmental Science and Frank Porter Graham Child Development Institute, University of North Carolina at Chapel Hill, Chapel Hill, NC (2018-20)*  
*Department of Psychology and Neuroscience, Duke University, Durham, NC (2017-20)*

2017 **Ph.D., Clinical Psychology**  
**Minor, Psychological Statistics and Methods**  
*University of Missouri, Columbia, MO*

2016-17 **Predocloral Clinical Internship (APA-accredited)**  
*Durham Veterans Affairs Medical Center, Durham, NC*

2012 **M.A., Psychology**  
*University of Missouri, Columbia, MO*

2010 **A.B., Community Health**  
*Brown University, Providence, RI*

**AWARDS AND HONORS**

2024 Janet Taylor Spence Award for Transformative Early Career Contributions, Association for Psychological Science  
2023 Nominee, Outstanding Advisor Award, Advising Council of the University of Michigan  
2021 Rising Star Award, Association for Psychological Science  
2021 Early Stage Investigator Scholarship Award, American Psychopathological Association  
2018-20 Postdoctoral Fellowship, NICHD, Carolina Consortium on Human Development  
2017 Graduate Student Excellence Award, University of Missouri

2014-16      NRSA Predoctoral Fellowship, NIAAA  
2013          Mark H. Thelen Outstanding Clinical Graduate Student Award, University of Missouri  
2013          Summer Grant Writing Fellowship, University of Missouri  
2011-13      Predoctoral Fellowship, NIAAA  
2012          Honorable Mention, APA National Student Ethics Prize  
2010          Magna Cum Laude, Brown University  
2010          Inducted, Phi Beta Kappa

## **PEER-REVIEWED PUBLICATIONS**

Mentee/student

^ Joint first authors

Khalifeh, L., Caspi, A., Dent, K.R., Harrington, H., Meier, M.H., Poulton, R., Ramrakha, S., Moffitt, T.E., & **Richmond-Rakerd, L.S.** (in press). Characterizing midlife-onset alcohol dependence: Implications for etiology, prevention, and healthy aging. *Clinical Psychological Science*.

Caspi, A., Houts, R.M., Ask Torvik, F., Hanna, M., **Richmond-Rakerd, L.S.**, Sunde, H.F., & Moffitt, T.E. (in press). High volume of mental-health conditions in primary care: Nationwide analysis of 350 million patient encounters. *Nature Mental Health*.

Andersen, S.H., **Richmond-Rakerd, L.S.**, Moffitt, T.E., & Caspi, A. (2024). The causal effect of mental health on labor market outcomes: The case of stress-related mental disorders following a human-made disaster. *Proceedings of the National Academy of Sciences of the United States of America*, *121*, e2316423121.

Westerman, H.B., Suarez, G.L., **Richmond-Rakerd, L.S.**, Nusslock, R., Klump, K.L., Burt, S.A., & Hyde, L.W. (2024). Exposure to community violence as a mechanism linking neighborhood socioeconomic disadvantage and neural responses to reward. *Social Cognitive and Affective Neuroscience*, *19*, nsae029.

**Richmond-Rakerd, L.S.**, Iyer, M.T., D'Souza, S., Khalifeh, L., Caspi, A., Moffitt, T.E., & Milne, B.J. (2024). Associations of hospital-treated infections with subsequent dementia: Nationwide 30-year analysis. *Nature Aging*. Advance online.

Dent, K.R., Brennan, G.M., Khalifeh, L., & **Richmond-Rakerd, L.S.** (2024). Midlife diseases of despair and cardiometabolic risk: Testing shared origins in adolescent psychopathology. *Psychological Medicine*. Advance online.

**Richmond-Rakerd, L.S.**, D'Souza, S., Milne, B.J., & Andersen, S.H. (2024). Suicides, drug poisonings, and alcohol-related deaths cluster with health and social disadvantage in 4.1 million citizens from two nations. *Psychological Medicine*, *54*, 1610-1619.

Reuben, A., **Richmond-Rakerd, L.S.**, Milne, B., Shah, D., Pearson, A., Hogan, S., Ireland, D., Keenan, R., Knodt, A.R., Melzer, T., Poulton, R., Ramrakha, S., Whitman, E., Hariri, A.R., Moffitt, T.E., & Caspi, A. (2024). Dementia, dementia's risk factors and premorbid brain structure are concentrated in disadvantaged areas: National register and birth-cohort geographic analyses. *Alzheimer's & Dementia*, *20*, 3167-3178.

Select Media:

“Where you live could increase your dementia risk.” (2024). Newsweek.  
[newsweek.com/where-live-increase-dementia-risk-1879283](https://www.newsweek.com/where-live-increase-dementia-risk-1879283)

Cole, V.T., **Richmond-Rakerd, L.S.**, Bierce, L.F., Norotsky, R.L., Peiris, S.T., & Hussong, A.M. (2024). Peer connectedness and substance use in adolescence: A systematic review and meta-analysis. *Psychology of Addictive Behaviors*, 38, 19-35.

Milne, B.J., D’Souza, S., Andersen, S.H., & **Richmond-Rakerd, L.S.** (2022). Use of population-level administrative data in developmental science. *Annual Review of Developmental Psychology*, 4, 447-468.

Slutske, W.S., **Richmond-Rakerd, L.S.**, Piasecki, T.M., Ramrakha, S., Poulton, R., Moffitt, T.E., & Caspi, A. (2022). Disordered gambling in a longitudinal birth cohort: From childhood precursors to adult life outcomes. *Psychological Medicine*, 53, 5800-5808.

Fang, Y., Fritsche, L.G., Mukherjee, B., Sen, S., & **Richmond-Rakerd, L.S.** (2022). Polygenic liability to depression is associated with multiple medical conditions in the electronic health record: Phenome-wide association study of 46,782 individuals. *Biological Psychiatry*, 92, 923-931.

Commentary by Karmel Choi: “Depression genetics as a window into physical and mental health.” *Biological Psychiatry*. doi:10.1016/j.biopsych.2022.09.027

Meier, M.H., Caspi, A., Ambler, A., Hariri, A.R., Harrington, H., Hogan, S., Houts, R., Knodt, A.R., Ramrakha, S., **Richmond-Rakerd, L.S.**, Poulton, R., & Moffitt, T.E. (2022). Preparedness for healthy ageing and polysubstance use in long-term cannabis users: A population-representative longitudinal study. *The Lancet Healthy Longevity*, 3, e703-e714.

**Richmond-Rakerd, L.S.**, D’Souza, S., Milne, B.J., Caspi, A., & Moffitt, T.E. (2022). Longitudinal associations of mental disorders with dementia: 30-year analysis of 1.7 million New Zealand citizens. *JAMA Psychiatry*, 79, 333-340.

Select Media and Public Engagement:

“Do mental health issues indicate risk of dementia?” (2022). Interview with Health Report, Australian Public Radio.  
[abc.net.au/radionational/programs/healthreport/do-mental-health-issues-indicate-risk-of-dementia/13804988](https://www.abc.net.au/radionational/programs/healthreport/do-mental-health-issues-indicate-risk-of-dementia/13804988)

“Why do mental illnesses – from depression to schizophrenia – raise the risk of dementia?” (2022). Scientific American.

[scientificamerican.com/article/why-do-mental-illnesses-from-depression-to-schizophrenia-raise-the-risk-of-dementia/](https://www.scientificamerican.com/article/why-do-mental-illnesses-from-depression-to-schizophrenia-raise-the-risk-of-dementia/)

Altmetric score of 563 (at 28 June 2024):

[umich.altmetric.com/details/123169206](https://umich.altmetric.com/details/123169206)

Wertz, J., Salomon, I., Arseneault, L., Belsky, D.W., Bourassa, K.J., Harrington, H.L., Houts, R., Poulton, R., **Richmond-Rakerd, L.S.**, Roysamb, E., Moffitt, T.E., & Caspi, A. (2021). Vital personality scores and healthy aging: Life-course associations and familial transmission. *Social Science & Medicine*, 285, 114283.

^Andersen, S.H., ^**Richmond-Rakerd, L.S.**, Moffitt, T.E., & Caspi, A. (2021). Nationwide evidence that education disrupts the intergenerational transmission of disadvantage. *Proceedings of the National Academy of Sciences of the United States of America*, *118*, e2103896118.

Wertz, J., Caspi, A., Ambler, A., Broadbent, J., Hancox, R.J., Harrington, H., Hogan, S., Houts, R.M., Leung, J.H., Poulton, R., Purdy, S.C., Ramrakha, S., Rasmussen, L.J.H., **Richmond-Rakerd, L.S.**, Thorne, P.R., Wilson, G.A., & Moffitt, T.E. (2021). Association of history of psychopathology with accelerated aging at midlife. *JAMA Psychiatry*, *78*, 530-539.

**Richmond-Rakerd, L.S.**, Caspi, A., Ambler, A., d'Arbeloff, T., de Bruine, M., Elliott, M., Harrington, H., Hogan, S., Houts, R.M., Ireland, D., Keenan, R., Knodt, A.R., Melzer, T.R., Park, S., Poulton, R., Ramrakha, S., Rasmussen, L.J.H., Sack, E., Schmidt, A.T., Sison, M.L., Wertz, J., Hariri, A.R., & Moffitt, T.E. (2021). Childhood self-control forecasts the pace of midlife aging and preparedness for old age. *Proceedings of the National Academy of Sciences of the United States of America*, *118*, e2010211118.

Select Media:

“Is self-control the key to a long, healthy life?” (2021). U.S. News.

[usnews.com/news/health-news/articles/2021-01-07/is-self-control-the-key-to-a-long-healthy-life](https://www.usnews.com/news/health-news/articles/2021-01-07/is-self-control-the-key-to-a-long-healthy-life)

“To physically age slower, show some self-control.” (2021). Inverse.

[inverse.com/mind-body/self-control-can-slow-aging](https://www.inverse.com/mind-body/self-control-can-slow-aging)

Altmetric score of 482 (at 28 June 2024):

[pnas.altmetric.com/details/97101754](https://pnas.altmetric.com/details/97101754)

Elliott, M.L., Caspi, A., Houts, R.M., Ambler, A., Broadbent, J.M., Hancox, R.J., Harrington, H., Hogan, S., Keenan, R., Knodt, A., Leung, J.H., Melzer, T.R., Purdy, S.C., Ramrakha, S., **Richmond-Rakerd, L.S.**, Righarts, A., Sugden, K., Thomson, W.M., Thorne, P.R., Williams, B.S., Wilson, G., Hariri, A.R., Poulton, R., & Moffitt, T.E. (2021). Disparities in the pace of biological aging among midlife adults of the same chronological age have implications for future frailty risk and policy. *Nature Aging*, *1*, 295-308.

**Richmond-Rakerd, L.S.**, D'Souza, S., Milne, B.J., Caspi, A., & Moffitt, T.E. (2021). Longitudinal associations of mental disorders with physical diseases and mortality in 2.3 million New Zealand citizens. *JAMA Network Open*, *4*, e2033448.

Select Media and Public Engagement:

“The link between mental health problems and later physical health.” (2021). The Conversation.

[theconversation.com/the-link-between-mental-health-problems-and-later-physical-health-156796](https://theconversation.com/the-link-between-mental-health-problems-and-later-physical-health-156796)

“Mental illnesses in early life linked to faster aging and worse health in later years.” (2021). National Institute on Aging featured research.

[nia.nih.gov/news/early-mental-illness-accelerates-aging-process](https://nia.nih.gov/news/early-mental-illness-accelerates-aging-process)

Altmetric score of 343 (at 28 June 2024):

[jamanetwork.altmetric.com/details/97618535](https://jamanetwork.altmetric.com/details/97618535)

**Richmond-Rakerd, L.S.**, Moffitt, T.E., Arseneault, L., Belsky, D.W., Connor, J., Corcoran, D., Harrington, H., Houts, R.M., Poulton, R., Prinz, J., Ramrakha, S., Sugden, K., Wertz, J., Williams, B., & Caspi, A. (2020). A polygenic score for age-at-first-birth predicts disinhibition. *Journal of Child Psychology and Psychiatry*, *61*, 1349-1359.

Select Media and Public Engagement:

“Can genetic discoveries for age-at-first-birth predict disinhibitory behaviours?” (2020). Research digest in The Bridge, published by The Association for Child and Adolescent Mental Health.

[acamh.org/research-digest/can-genetic-discoveries-for-age-at-first-birth-predict-disinhibitory-behaviours/](https://acamh.org/research-digest/can-genetic-discoveries-for-age-at-first-birth-predict-disinhibitory-behaviours/)

Video abstract recorded for The Association for Child and Adolescent Mental Health (2020).

[acamh.org/journal/jcpp/polygenic-score-predicts-disinhibition/](https://acamh.org/journal/jcpp/polygenic-score-predicts-disinhibition/)

In the top 5 most-watched ACAMH video abstracts in 2020:

[acamh.org/blog/most-popular-acamh-web-content-2020/](https://acamh.org/blog/most-popular-acamh-web-content-2020/)

Wertz, J., Moffitt, T.E., Agnew-Blais, J., Arseneault, L., Belsky, D.W., Corcoran, D., Houts, R., Matthews, T., Prinz, J.A., **Richmond-Rakerd, L.S.**, Sugden, K., Williams, B., & Caspi, A. (2020). Using DNA from mothers and children to study parental investment in children’s educational attainment. *Child Development, 91*, 1745-1761.

Wertz, J., Caspi, A., Ambler, A., Arseneault, L., Belsky, D.W., Danese, A., Fisher, H.L., Matthews, T., **Richmond-Rakerd, L.S.**, & Moffitt, T.E. (2020). Borderline symptoms at age 12 signal risk for poor outcomes during the transition to adulthood: Findings from a genetically sensitive longitudinal cohort study. *Journal of the American Academy of Child & Adolescent Psychiatry, 59*, 1165-1177.

**Richmond-Rakerd, L.S.**, D’Souza, S., Andersen, S.H., Hogan, S., Houts, R.M., Poulton, R., Ramrakha, S., Caspi, A., Milne, B.J., & Moffitt, T.E. (2020). Clustering of health, crime and social-welfare inequality in 4 million citizens from two nations. *Nature Human Behaviour, 4*, 255-264.

Select Media and Public Engagement:

“Poor health, crime, and social-welfare dependency cluster in a small segment of the population.” (2020). Nature Research Behind the Paper channel.

[socialsciences.nature.com/users/339842-leah-richmond-rakerd/posts/58506-poor-health-crime-and-social-welfare-dependency-cluster-in-a-small-segment-of-the-population](https://socialsciences.nature.com/users/339842-leah-richmond-rakerd/posts/58506-poor-health-crime-and-social-welfare-dependency-cluster-in-a-small-segment-of-the-population)

“Salvation or stigma? Case made for targeted social intervention.” (2020). Radio New Zealand interview with Dr. Richie Poulton.

[rnz.co.nz/national/programmes/ninetonoon/audio/2018732166/salvation-or-stigma-case-made-for-targeted-social-intervention](https://rnz.co.nz/national/programmes/ninetonoon/audio/2018732166/salvation-or-stigma-case-made-for-targeted-social-intervention)

“En meget lille gruppe danskere er storforbrugere af de offentlige kasser år efter år [‘A very small group of Danes are large consumers of the public coffers year after year’].” (2020). Berlingske newspaper.

[berlingske.dk/danmark/en-meget-lille-gruppe-danskere-er-storforbrugere-af-de-offentlige-kasser](https://berlingske.dk/danmark/en-meget-lille-gruppe-danskere-er-storforbrugere-af-de-offentlige-kasser)

Caspi, A., Houts, R.M., Ambler, A., Danese, A., Elliot, M.L., Hariri, A., Harrington, H., Hogan, S., Poulton, R., Ramrakha, S., Rasmussen, L.H.J., Reuben, A., **Richmond-Rakerd, L.S.**, Sugden, K., Wertz, J., Williams, B.S., & Moffitt, T.E. (2020). Longitudinal assessment of mental health disorders and comorbidities across 4 decades among participants in the Dunedin Birth Cohort Study. *JAMA Network Open, 3*, e203221.

**Richmond-Rakerd, L.S.**, Caspi, A., Arseneault, L., Baldwin, J.R., Danese, A., Houts, R.M., Matthews, T., Wertz, J., & Moffitt, T.E. (2019). Adolescents who self-harm and commit violent crime: Testing early-life predictors of dual harm in a longitudinal cohort study. *The American Journal of Psychiatry, 176*, 186-195.

Select Media and Public Engagement:

“March 2019: Self-harm and violent crime.” (2019). The American Journal of Psychiatry audio podcast.

[ajp.psychiatryonline.org/audio](https://ajp.psychiatryonline.org/audio)

“Teens who hurt themselves more likely to hurt others.” (2019). U.S. News.

[usnews.com/news/health-news/articles/2019-01-08/teens-who-hurt-themselves-more-likely-to-hurt-others](https://www.usnews.com/news/health-news/articles/2019-01-08/teens-who-hurt-themselves-more-likely-to-hurt-others)

**Richmond-Rakerd, L.S.**, Trull, T.J., Gizer, I.R., McLaughlin, K.D., Scheiderer, E.M., Nelson, E., Agrawal, A., Lynskey, M.T., Madden, P.A.F., Heath, A.C., Statham, D.J., & Martin, N.G. (2019). Common genetic contributions to high-risk trauma exposure and self-injurious thoughts and behaviors. *Psychological Medicine*, *49*, 421-430.

Baldwin, J.R., Arseneault, L., Caspi, A., Moffitt, T.E., Fisher, H.L., Odgers, C.L., Ambler, A., Houts, R., Matthews, T., Ougrin, D., **Richmond-Rakerd, L.S.**, Takizawa, R., & Danese, A. (2019). Adolescent victimization and self-injurious thoughts and behaviors: A genetically sensitive cohort study. *Journal of the American Academy of Child & Adolescent Psychiatry*, *58*, 506-513.

Rasmussen, L.J.H., Caspi, A., Ambler, A., Cohen, H., d'Arbeloff, T., Elliott, M., Hariri, A., Harrington, H., Houts, R.M., Ireland, D., Knodt, A., Meredith-Jones, K., Morey, M., Morrison, L., Poulton, R., Ramrakha, S., **Richmond-Rakerd, L.S.**, Sison, M., Sneddon, K., & Moffitt, T.E. (2019). Association of neurocognitive and physical function with gait speed in midlife. *JAMA Network Open*, *2*, e1913123.

**Richmond-Rakerd, L.S.**, & Belsky, D.W. (2017). Swedish register analysis of divorce and alcohol use disorder highlights social relationships as a target for preventive psychiatry and genetic research. *The American Journal of Psychiatry*, *174*, 411-413.

**Richmond-Rakerd, L.S.**, Slutske, W.S., & Wood, P.K. (2017). Age of initiation and substance use progression: A multivariate latent growth analysis. *Psychology of Addictive Behaviors*, *31*, 664-675.

**Richmond-Rakerd, L.S.**, Otto, J.M., Slutske, W.S., Ehlers, C.L., Wilhelmsen, K.C., & Gizer, I.R. (2017). A novel tobacco use phenotype suggests the 15q25 and 19q13 loci may be differentially associated with cigarettes per day and tobacco-related problems. *Nicotine & Tobacco Research*, *19*, 426-434.

**Richmond-Rakerd, L.S.**, Slutske, W.S., Lynskey, M.T., Agrawal, A., Madden, P.A.F., Bucholz, K.K., Heath, A.C., Statham, D.J., & Martin, N.G. (2016). Age at first use and later substance use disorder: Shared genetic and environmental pathways for nicotine, alcohol, and cannabis. *Journal of Abnormal Psychology*, *125*, 946-959.

**Richmond-Rakerd, L.S.**, Fleming, K.A., & Slutske, W.S. (2016). Investigating progression in substance use initiation using a Multiple Event Process Survival Mixture (MEPSUM) approach. *Clinical Psychological Science*, *4*, 167-182.

Ellingson, J.M., **Richmond-Rakerd, L.S.**, Statham, D.J., Martin, N.G., & Slutske, W.S. (2016). Most of the genetic covariation between major depressive and alcohol use disorders is explained by trait measures of negative emotionality and behavioral control. *Psychological Medicine*, *46*, 2919-2930.

**Richmond-Rakerd, L.S.**, Slutske, W.S., Deutsch, A.R., Lynskey, M.T., Agrawal, A., Madden, P.A.F., Bucholz, K.K., Heath, A.C., & Martin, N.G. (2015). Progression in substance use initiation: A multilevel discordant monozygotic twin design. *Journal of Abnormal Psychology*, *124*, 596-605.

Ellingson, J.M., **Richmond-Rakerd, L.S.**, & Slutske, W.S. (2015). Brief report: Cognitive control helps explain comorbidity between alcohol use disorder and internalizing disorders. *Journal of Studies on Alcohol and Drugs*, 76, 89-94.

**Richmond-Rakerd, L.S.**, Slutske, W.S., Heath, A.C., & Martin, N.G. (2014). Genetic and environmental influences on the ages of drinking and gambling initiation: Evidence for distinct aetiologies and sex differences. *Addiction*, 109, 323-331.

Commentary by Frederico Garcia: "Commentary on Richmond-Rakerd et al. (2014): Genetic and environmental influences on the ages of drinking and gambling initiation: Evidence for distinct aetiologies and sex differences." *Addiction*. doi:10.1111/add.12434

Slutske, W.S., & **Richmond-Rakerd, L.S.** (2014). A closer look at evidence for sex differences in the genetic and environmental influences on gambling in the National Longitudinal Study of Adolescent Health: From dis-ordered to ordered gambling. *Addiction*, 109, 120-127.

Slutske, W.S., Deutsch, A.R., **Richmond-Rakerd, L.S.**, Chernyavskiy, P., Statham, D.J., & Martin, N.G. (2014). Test of a potential causal influence of earlier age of gambling initiation on gambling involvement and disorder: A multi-level discordant twin design. *Psychology of Addictive Behaviors*, 28, 1177-1189.

**Richmond-Rakerd, L.S.**, Slutske, W.S., Heath, A.C., & Martin, N.G. (2013). Effects of sibship size and composition on younger brothers' and sisters' alcohol use initiation: Findings from an Australian twin sample. *Alcoholism: Clinical and Experimental Research*, 37, 1016-1024.

**Richmond-Rakerd, L.S.**, Slutske, W.S., & Piasecki, T.M. (2013). Birth cohort and sex differences in the age of gambling initiation in the United States. *International Gambling Studies*, 13, 417-429.

**Richmond-Rakerd, L.S.** (2013). Modern advances in genetic testing: Ethical challenges and training implications for current and future psychologists. *Ethics and Behavior*, 23, 31-43.

Slutske, W.S., Ellingson, J.M., **Richmond-Rakerd, L.S.**, Zhu, G., & Martin, N.G. (2013). Shared genetic vulnerability for disordered gambling and alcohol use disorder in men and women: Evidence from a national community-based twin study. *Twin Research and Human Genetics*, 16, 525-534.

Ellingson, J.M., Slutske, W.S., **Richmond-Rakerd, L.S.**, & Martin, N.G. (2013). Investigating the influence of prenatal androgen exposure and sibling effects on alcohol use and alcohol use disorder in females from opposite-sex twin pairs. *Alcoholism: Clinical and Experimental Research*, 37, 868-876.

Deutsch, A.R., Slutske, W.S., **Richmond-Rakerd, L.S.**, Heath, A.C., & Martin, N.G. (2013). Causal influence of age at first drink on alcohol involvement in adulthood and its moderation by familial context. *Journal of Studies on Alcohol and Drugs*, 74, 703-713.

## **MANUSCRIPTS UNDER REVIEW**

Mentee/student

**Richmond-Rakerd, L.S., Dent, K.R.,** Andersen, S.H., D’Souza, S., & Milne, B.J. (invited revision). Population-level administrative data: A resource to advance psychological science.

Andersen, S.H., **Richmond-Rakerd, L.S.,** D’Souza, S., Li, C., & Milne, B.J. (under review). Trends and life-course persistence in accumulated disadvantages across two nations.

Ross, K.E.T., Cleary, J., Fang, Y., **Richmond-Rakerd, L.S.,** & Sen, S. (under review). The effect of built neighborhood characteristics on physical activity.

## **SPONSORED RESEARCH**

- 2022-25      **Co-Investigator:** “Labor market marginalization, mental health problems and childhood disadvantages.” Rockwool Foundation Research Award (\$920,000 USD).
- 2020-24      **Co-Principal Investigator:** “Uneven distribution in service uptake: A comparative study.” Rockwool Foundation Research Award (\$1,078,690 USD).
- 2022-23      **Principal Investigator:** “Predicting suicide and self-harm risk in linked administrative data.” American Foundation for Suicide Prevention Pilot Innovation Grant (\$30,000).
- 2022-23      **Co-Principal Investigator:** “Do infections lead to the onset of Alzheimer’s disease and related dementias in the population?” National Institute on Aging, Center to Accelerate Population Research in Alzheimer's Pilot Grant (\$40,000).
- 2021-22      **Principal Investigator:** “Do mental disorders forecast ADRD in nationwide administrative registers?” National Institute on Aging, Center for Advancing Sociodemographic and Economic Study of Alzheimer’s Disease and Related Dementias Pilot Grant (\$29,958).
- 2020-22      **Principal Investigator:** “Do mental disorders in young adulthood forecast later physical diseases in nationwide administrative registers?” National Institute of Child Health and Human Development, Duke Population Research Center Seed Grant (\$7,500).
- 2018-20      **Principal Investigator:** “A segment of the population with large economic burden: Testing variation in the model to develop Duke expertise in using the nationwide New Zealand Integrated Data Infrastructure (NZ-IDI).” National Institute on Aging, Duke Population Research Institute Seed Grant (\$25,000).
- 2014-16      **Principal Investigator:** “Sibling effects on substance use: Disentangling genetic and environmental factors.” National Institute on Alcohol Abuse and Alcoholism, Ruth L. Kirschstein Individual National Research Service Award (\$68,596).



## **INVITED TALKS**

**Richmond-Rakerd, L.S.** (September 2024, forthcoming). *Data infrastructure to support population science: The New Zealand IDI*. Keynote address. International Population Data Linkage Network Meeting, Chicago, IL.

**Richmond-Rakerd, L.S.** (May 2023). *Self-regulation and population healthspan: Insights from nationwide registers and cohort studies*. LIFE Academy, University of Michigan, Ann Arbor, MI.

**Richmond-Rakerd, L.S.** (September 2022, virtual). *Mental disorders and dementia risk: Insights from nationwide registers*. Grand Rounds, Rush University Department of Psychiatry and Behavioral Sciences.

**Richmond-Rakerd, L.S.** (January 2022). *Mental disorders and population healthspan: Insights from nationwide registers*. Duke University Population Research Institute, Durham, NC.

**Richmond-Rakerd, L.S.** (October 2021, virtual). *Self-regulation forecasts physical health, cognitive health, and preparedness for old age*. Washington State University Prevention Science Colloquium.

**Richmond-Rakerd, L.S.** (February 2021, virtual). *Self-regulation forecasts physical health and preparedness for old age*. Clinical Science Area Brown Bag, University of Michigan.

**Richmond-Rakerd, L.S.** (September 2020, virtual). *Self-regulation over the life course: Insights from genetics, cohort studies, and population registers*. Population, Neurodevelopment and Genetics Program Research Seminar, Institute for Social Research, University of Michigan.

**Richmond-Rakerd, L.S.** (September 2019). *Self-regulation over the life course*. Carolina Consortium on Human Development Speaker Series, Chapel Hill, NC.

**Richmond-Rakerd, L.S.** (July 2019). *Origins, mechanisms, and outcomes of emotional and behavioral dysregulation*. Centre of Methods and Policy Application in the Social Sciences, Auckland, New Zealand.

**Richmond-Rakerd, L.S.** (June 2019). *Poor health, crime, and social-welfare dependency cluster in a population segment: Policy challenges of inequality*. Rockwool Foundation Research Unit, Copenhagen, Denmark.

**Richmond-Rakerd, L.S.** (February 2019). *Leveraging linked administrative data to investigate population-level inequality in health- and social-service use*. UNC-Chapel Hill Quantitative Psychology Forum, Chapel Hill, NC.

## **CONFERENCE PRESENTATIONS**

Mentee/student

Khalifeh, L., Dent, K.R., Gearhardt, A.N., & Richmond-Rakerd, L.S. (June 2024). *Early-adolescent substance use and midlife outcomes: A longitudinal, propensity-score weighting study* (poster). Research Society on Alcohol Meeting, Minneapolis, MN.

Dent, K.R., Dang, L., Kalesnikava, V., Mezuk, B., & **Richmond-Rakerd, L.S.** (March 2024). *Interpersonal factors mediating associations of chronic disease with depression and passive suicidal ideation in older adults* (poster). American Psychopathological Association Meeting, New York, NY.

Wolk, S., Shen, J., Busman, R., Garcia, J., Taliercio, J.R., Mandelbaum, M., McCoy, K., **Richmond-Rakerd, L.S.**, Wigod, T., Miller, A.L., & McGinn, L.K. (November 2023). *Cultivating joy through Supportive Parenting for Anxious Childhood Emotions (SPACE): A mixed methods study of treatment acceptability and parent outcomes* (poster). Association for Behavioral and Cognitive Therapies Meeting, Seattle, WA.

Dent, K., Khalifeh, L., Brennan, G., & **Richmond-Rakerd, L.S.** (March 2023). *Midlife diseases of despair and cardiometabolic risk: Shared origins in adolescent psychopathology* (poster). American Psychopathological Association Meeting, New York, NY.

Khalifeh, L., Caspi, A., Harrington, H., Meier, M.H., Poulton, R., Ramrakha, S., Moffitt, T.E., & **Richmond-Rakerd, L.S.** (March 2023). *Midlife-onset alcohol dependence: What sets it apart?* (poster). American Psychopathological Association Meeting, New York, NY.

Fang, Y., Fritsche, L.G., Mukherjee, B., Sen, S., & **Richmond-Rakerd, L.S.** (September 2022). *Polygenic liability to depression is associated with multiple medical conditions in the electronic health record: Phenome-wide association study of 46,782 individuals*. World Congress on Psychiatric Genetics Annual Meeting, Florence, Italy.

Westerman, H.B., Burt, S.A., **Richmond-Rakerd, L.S.**, Suarez, G.L., Klump, K.L., & Hyde, L.W. (September 2022). *Exposure to community violence as a mechanism linking socioeconomic disadvantage and neural responses to reward* (poster). Flux Society Meeting, Paris, France.

Khalifeh, L., **Richmond-Rakerd, L.S.**, Harrington, H., Meier, M.H., Poulton, R., Ramrakha, S., Moffitt, T.E., & Caspi, A. (May 2022). *Midlife-onset alcohol dependence: Testing prospective and adult correlates in a longitudinal cohort study* (poster). Association for Psychological Science Meeting, Chicago, IL.

**Richmond-Rakerd, L.S.**, D'Souza, S., & Milne, B.J. (November 2021, virtual). *Mental disorders forecast Alzheimer's disease and related dementias in 1.7 million New Zealanders*. Gerontological Society of America Meeting.

**Richmond-Rakerd, L.S.**, D'Souza, S., & Milne, B.J. (March 2021, virtual). *Mental disorder forecasts physical disease and mortality: 30-year analysis in 2.3 million New Zealanders* (poster). American Psychopathological Association Meeting.

**Richmond-Rakerd, L.S.**, D'Souza, S., Andersen, S.H., Hogan, S., Houts, R.M., Poulton, R., Ramrakha, S., Caspi, A., Milne, B.J., & Moffitt, T.E. (April 2019). *Public-service use in 4 million citizens from 2 nations clusters in a population segment characterized by poor early-life cognitive and mental health*. NBER Cohort Studies Meeting, Cambridge, MA.

**Richmond-Rakerd, L.S.,** D'Souza, S., Hogan, S., Houts, R.M., Poulton, R., Ramrakha, S., Caspi, A., Milne, B.J., & Moffitt, T.E. (March 2019). *Early mental health is linked to inequality in public-service use in later life: Nationwide analysis of 1.7 million citizens* (poster). American Psychopathological Association Meeting, New York, NY.

**Richmond-Rakerd, L.S.,** Moffitt, T.E., Belsky, D.W., Wertz, J., & Caspi, A. (October 2018). *A polygenic score for age-at-first-birth predicts self-regulation*. Integrating Genetics and the Social Sciences Meeting, Boulder, CO.

**Richmond-Rakerd, L.S.,** Caspi, A., Arseneault, L., Wertz, J., & Moffitt, T.E. (March 2018). *Self-harm and violent crime co-occur: Early-life predictors* (poster). American Psychopathological Association Meeting, New York, NY.

**Richmond-Rakerd, L.S.,** Slutske, W.S., & Wood, P.K. (June 2017). *Age of initiation and substance use progression: A multivariate latent growth analysis* (poster). Research Society on Alcohol Meeting, Denver, CO.

**Richmond-Rakerd, L.S.,** Slutske, W.S., Lynskey, M.T., Agrawal, A., Madden, P.A.F., Bucholz, K.K., Heath, A.C., & Martin, N.G. (June 2016). *Quasi-causal associations between the age of cannabis initiation and symptoms of substance use disorder*. Behavior Genetics Association Meeting, Brisbane, Australia.

**Richmond-Rakerd, L.S.,** Slutske, W.S., Lynskey, M.T., Agrawal, A., Madden, P.A.F., Bucholz, K.K., Heath, A.C., & Martin, N.G. (June 2015). *A multivariate behavior genetic analysis of the ages of tobacco, alcohol, and cannabis initiation*. Behavior Genetics Association Meeting, San Diego, CA.

**Richmond-Rakerd, L.S.,** Fleming, K.A., & Slutske, W.S. (June 2015). *Investigating progression in substance use initiation using a Multiple Event Process Survival Mixture (MEPSUM) approach* (poster). Research Society on Alcohol Meeting, San Antonio, TX.

**Richmond-Rakerd, L.S.,** Slutske, W.S., Deutsch, A.R., Lynskey, M.T., Agrawal, A., Madden, P.A.F., Bucholz, K.K., Heath, A.C., & Martin, N.G. (June 2014). *Investigating progression in substance use initiation using a multilevel discordant twin design*. Behavior Genetics Association Meeting, Charlottesville, VA.

**Richmond-Rakerd, L.S.,** Slutske, W.S., Agrawal, A., Lynskey, M.T., Madden, P.A.F., Bucholz, K.K., Heath, A.C., & Martin, N.G. (June 2014). *Genetic and environmental influences on the ages of smoking, drinking, and cannabis initiation* (poster). Research Society on Alcohol Meeting, Bellevue, WA.

**Richmond-Rakerd, L.S.,** Slutske, W.S., Heath, A.C., & Martin, N.G. (June 2013). *Genetic and environmental influences on the ages of drinking and gambling initiation: Evidence for distinct etiologies and sex differences* (poster). Research Society on Alcohol Meeting, Orlando, FL.

**Richmond-Rakerd, L.S.,** Slutske, W.S., Heath, A.C., & Martin, N.G. (June 2012). *Heritability of age at first drink in individuals with and without a family history of alcohol problems* (poster). Research Society on Alcohol Meeting, San Francisco, CA.

**Richmond-Rakerd, L.S.,** Slutske, W.S., Heath, A.C., & Martin, N.G. (June 2011). *Effects of sibship size and composition on younger siblings' age of drinking onset: Differential influences on brothers and sisters* (poster). Research Society on Alcohol Meeting, Atlanta, GA.

## **TEACHING EXPERIENCE**

### **Instructor**

#### ***Department of Psychology, University of Michigan***

Introduction to Behavioral Genetics and Mental Health (undergraduate lecture): Fall 2021, Fall 2022  
Special Topics in Genetics and Psychopathology (undergraduate seminar): Winter 2022  
Research Design and Evaluation in Clinical Psychology (graduate seminar): Winter 2021, Winter 2023

### **Co-Instructor**

#### ***Center for Developmental Science and Frank Porter Graham Child Development Institute, University of North Carolina at Chapel Hill***

2018-20 Carolina Consortium on Human Development Seminar

### **Guest Lecturer**

#### ***Department of Psychology, University of Michigan***

2024 Developmental Area Proseminar

#### ***Department of Psychology, Georgia State University***

2021 Social and Emotional Development

#### ***Department of Psychology & Neuroscience, Duke University***

2019 Personality and Individual Differences

#### ***Department of Psychological Sciences, University of Missouri***

2013-16 Cross-Cultural Psychology  
2013-16 Psychology at the Movies  
2015 Abnormal Psychology  
2014 The Science of Mindfulness  
2014 Orientations in Psychotherapy  
2012-13 Introduction to Clinical Psychology

### **Teaching Assistant**

#### ***Department of Psychological Sciences, University of Missouri***

2013-14 Cross-Cultural Psychology

## **MENTORING**

### **Dissertation Committees**

2024 Sujin Lee  
2023 Jennifer Cleary

### **Graduate Students**

2022-present Kallisse Dent (primary advisor)  
2021-present Lara Khalifeh (primary advisor)  
2022-present Katherine Ross (secondary advisor)  
2022-present Lindzey Hoover (secondary advisor)  
2021-present Sujin Lee (secondary advisor)  
2021-present Shayan Asadi (secondary advisor)

### **Undergraduate Students**

2023-present Lane Brodzik (RA, independent study)  
2023-present Elizabeth Koliass (RA, independent study)  
2022-present Isabella Gottlieb (RA, independent study)  
2023 Sophia Wolk (senior research project)  
2022-2023 Erin Wang (RA, independent study)  
2021-2022 Monica Iyer (independent study, honors thesis)  
2020 Claire Fanning (independent study)

### **Mentee Honors and Awards**

2023-24 NIA Predoctoral Fellowship, Kallisse Dent  
2023 Rackham Graduate Student Research Grant, Lara Khalifeh  
2023 University of Michigan Tanner Memorial Award, Sophia Wolk  
2022 University of Michigan W.B. Pillsbury Prize, Monica Iyer  
2022 Research Society on Alcohol Doctoral Student Small Grants Program Finalist,  
Lara Khalifeh

### **CLINICAL EXPERIENCE**

2016-17 **Psychology Intern**  
*Durham Veterans Affairs Medical Center (APA-accredited)*  
Six-month rotations: Outpatient substance use disorder treatment; outpatient PTSD treatment; inpatient acute mental health treatment; rehabilitation, geriatric, palliative, and hospice care

2011-16 **Practicum Clinician**  
*Psychological Services Clinic, University of Missouri*

2015-16 **Clinician, Strategies Targeting Alcohol Responsibility Specialty Practicum**  
*Psychological Services Clinic, University of Missouri*

2014-15 **Assessment Clinician**  
*Thompson Center for Autism and Neurodevelopmental Disorders, Columbia, MO*

2014 **Assessment Clinician**  
*Assessment and Consultation Clinic, University of Missouri*

2012-14      **Clinician, Dialectical Behavior Therapy Specialty Practicum**  
*Psychological Services Clinic, University of Missouri*

**Assessment Clinician**  
*Psychological Services Clinic, University of Missouri*

2012-13      **Research Clinician**  
*Department of Educational, School, and Counseling Psychology, University of Missouri*

### **DEPARTMENTAL SERVICE**

2024-present    **Member, Annual Review Committee**  
*Department of Psychology, University of Michigan*

2022-2023    **Co-Chair, Clinical Science Area Brown Bag Committee**  
*Department of Psychology, University of Michigan*

2021-2023    **Member, Student Academic Affairs Committee**  
*Department of Psychology, University of Michigan*

2020-2022    **Member, Admissions Committee, Clinical Science Doctoral Program**  
*Department of Psychology, University of Michigan*

2018-19      **Member, Carolina Consortium on Human Development Speaker Series Committee**  
*Center for Developmental Science, University of North Carolina at Chapel Hill*

2018-19      **Member, Internal Institutional Review Board**  
*Center for Developmental Science, University of North Carolina at Chapel Hill*

2015-16      **Graduate Student Representative, Wellness Resource Committee**  
*Department of Psychological Sciences, University of Missouri*

2012-13      **Graduate Student Representative, Ethics and Professional Issues Committee**  
*Department of Psychological Sciences, University of Missouri*

2011-12      **Graduate Student Representative, Clinical Training Committee**  
*Department of Psychological Sciences, University of Missouri*

### **PROFESSIONAL SERVICE**

2021-present    **Consulting Editor, *Clinical Psychological Science***

#### **Ad Hoc Reviewer**

*JAMA Psychiatry, JAMA Pediatrics, New England Journal of Medicine, The American Journal of Psychiatry, Journal of Abnormal Psychology/Journal of Psychopathology and Clinical Science,*

*Psychological Medicine, Child Development, The Journal of Child Psychology and Psychiatry, Molecular Psychiatry, Nature Medicine, Nature Genetics, Nature Human Behaviour, The British Journal of Psychiatry, European Child & Adolescent Psychiatry, Biological Psychiatry, Addiction, Prevention Science, American Journal of Preventive Medicine, Journal of Affective Disorders, Journal of Family Psychology, Behavior Genetics, Twin Research and Human Genetics, Drug and Alcohol Dependence, Psychology of Addictive Behaviors, Alcoholism: Clinical and Experimental Research, Addictive Behaviors, Journal of Studies on Alcohol and Drugs, Journal of Behavioral Addictions, International Gambling Studies*

**PROFESSIONAL AFFILIATIONS**

Society for Research in Psychopathology

Society for a Science of Clinical Psychology

American Psychological Association (Division 12 – Society of Clinical Psychology)

Association for Psychological Science

International Population Data Linkage Network

Research Society on Alcohol