

# JONATHAN D. SCHAEFER

## *Curriculum Vitae*

Department of Psychology, Vanderbilt University  
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## **EDUCATION & TRAINING**

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### Current Position

**Vanderbilt University**, Nashville, TN 2023 – present  
Assistant Professor of Psychology

### Education

**Minneapolis VA Health Care System**, Minneapolis, MN 2018 – 2019  
Doctoral Intern, APA-Accredited Internship in Clinical Psychology

**Duke University**, Durham, NC 2013 – 2019  
Ph.D in Clinical Psychology  
*Advisors:* Terrie Moffitt, Ph.D & Avshalom Caspi, Ph.D

**Swarthmore College**, Swarthmore, PA 2007 – 2011  
B.A. in Psychology with Highest Honors  
*Minors:* Honors Biology, Music

### Previous Positions Held

**Vanderbilt University**, Nashville, TN 2023  
Research Assistant Professor, Department of Psychology

**University of Minnesota**, Minneapolis, MN 2022 – 2023  
T32 Postdoctoral Fellow in Genetic & Neurobehavioral Mechanisms of Addiction,  
Department of Psychology  
PIs: Scott Vrieze, Ph.D & Monica Luciana, Ph.D

**University of Minnesota**, Minneapolis, MN 2020 – 2022  
T32 Postdoctoral Fellow in Developmental Psychopathology, Institute of Child Development  
PI: Dante Cicchetti, Ph.D

**University of Minnesota**, Minneapolis, MN 2019 – 2020  
Postdoctoral Research Associate, Institute of Child Development  
PI: Syla Wilson, Ph.D

**University of North Carolina at Chapel Hill**, Chapel Hill, NC 2016 – 2018  
T32 Predoctoral Fellow in Developmental Science, Carolina Consortium on Human Development  
PI: Andrea Hussong, Ph.D

**Duke University, Durham, NC** 2014 – 2016  
T32 Predoctoral Fellow in the Demography of Aging, Duke Population Research Institute  
PI: Scott Lynch, Ph.D

**National Institute of Mental Health, Bethesda, MD** 2011 – 2013  
Post-baccalaureate Intramural Research Training Award (IRTA)  
PIs: Daniel Weinberger, M.D. & Dwight Dickinson, Ph.D

## ACADEMIC SUMMARY

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**Research Page** <https://icd.umn.edu/people/schae567/>  
**Bibliometrics** ([Google Scholar](#)): Citations: 2530, h-index: 11, i10-index: 12.  
**Altmetrics** Evidence of impacts outside of the “ivory tower” (from [Altmetric](#)): at least 3054 mentions, including 216 in unique newspaper outlets by science journalists.

## HONORS & AWARDS

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NIDA T32 Postdoctoral Fellowship in Genetic & Neurobehavioral Mechanisms of Addiction	2022
NIMH T32 Postdoctoral Fellowship in Developmental Psychopathology	2020
American Psychopathological Association (APPA) Travel Award	2020
American Psychopathological Association (APPA) Poster Award	2018
University Scholars Program Travel Award	2017
Keohane Distinguished Visiting Professorship Graduate Student Award	2016
NICHD T32 Predoctoral Fellowship in Developmental Science	2016
Graduate School Conference Travel Award	2016
International Society for Intelligence Research (ISIR) Travel Fellowship	2014
Shaping the Developing Brain: From Prenatal to Early Childhood Travel Fellowship	2014
University Scholars Program Travel Award	2014
Claire Hamilton Graduate Student Conference Travel Award	2014
NIA T32 Predoctoral Fellowship in the Demography of Aging	2014
Curran & Bauer Analytics Student Tuition Scholarship	2014
University Scholars Program Fellowship	2013
James B. Duke Fellowship	2013
NIH Intramural Research Training Award (IRTA)	2011
Election to Phi Beta Kappa	2011
Swarthmore Joel Dean Summer Research Fellowship	2010

## RESEARCH FUNDING

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### Awarded

*Using polyneuro risk scores to understand the relationship between childhood socioeconomic disadvantage, neurobehavioral deviations, and problematic substance use (K01-DA057359)*

Role: Principal Investigator

Sponsor: National Institute on Drug Abuse (NIDA)

\$789,793

Period: May 2023 – April 2028

*Neurobehavioral mechanisms linking childhood social disadvantage with substance use trajectories in adolescence and adulthood (R01-DA056499)*

Role: Co-Investigator (Principal Investigator: Syla Wilson, Ph.D)

Sponsor: National Institute on Drug Abuse (NIDA)

\$1,698,130

Period: July 2022 – June 2027

*Collecting saliva samples to support polygenic analyses of psychological resilience in the ARMOR longitudinal cohort study (Updraft Funding Award)*

Role: Co-Investigator (Principal Investigator: Melissa Polusny, Ph.D)

Sponsor: University of Minnesota Informatics Institute

\$7,500

## **PUBLICATIONS**

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*\*indicates equal first authorship*

### Peer-Reviewed Articles

24. Zellers, S.M., Alexander, J., Ellingson, J.M., **Schaefer, J.D.**, Corley, R.P., Iacono, W., Hewitt, J.K., Hopfer, C.J., McGue, M.K., Vrieze, S. (in press) Limited psychological and social effects of lifetime cannabis use frequency: Evidence from a 30-year community study of 4,078 twins. *Journal of Psychopathology and Clinical Science*.
23. Padrutt, E.R., Harper, J., **Schaefer, J.D.**, Nelson, K.M., McGue, M., Iacono, W.G., Wilson, S. (in press) Pubertal timing and adolescent outcomes: Investigating explanations for associations with a genetically informed design. *Journal of Child Psychology and Psychiatry*.
22. **Schaefer, J.D.**, Nelson, K., Wilson, S. (2023) The effects of adolescent cannabis use on psychosocial functioning: A critical review of the evidence. *Child and Adolescent Psychiatric Clinics of North America*, 32(6), 43-55. doi: 10.1016/j.chc.2022.06.003
21. **Schaefer, J.D.**, Cheng, T., Dunn, E.C. (2022). Sensitive periods in development and risk for psychiatric disorders and related endpoints: a systematic review of child maltreatment findings. *The Lancet Psychiatry*, 9(12), 978-991. doi: 10.1016/S2215-0366(22)00362-5
20. Deak, J., Clark, D., Liu, M., **Schaefer, J.D.**, Jang, S., Durbin, C., Iacono, W., McGue, M., Vrieze, S., Hicks, B. (2022). Alcohol and nicotine polygenic scores are associated with the development of alcohol and nicotine use problems from adolescence through young adulthood. *Addiction*, 117, 1117-1127. doi: 10.1111/add.15697
19. Assari, S. & **Schaefer, J.D.** (2021) Parental educational attainment and frequency of marijuana use in youth: Hispanics' diminished returns. *Journal of Educational and Cultural Studies*, 5(6), 47-60.
18. **Schaefer, J.D.**, Jang, S., Clark, D.A., Deak, J.D., Hicks, B.M., Iacono, W.G., Liu, M., McGue, M., Vrieze, S., Wilson, S. (2021) Associations between polygenic risk of substance use and use disorder and alcohol, cannabis, and nicotine use in adolescence and young adulthood in a

longitudinal twin study. *Psychological Medicine*, 1-11. doi:10.1017/S0033291721004116

17. Polusny, M.A., Marquadt, C.A., Campbell, E.H., Filetti, C.R., Noel, V.V., Disner, S.G., **Schaefer, J.D.**, Davenport, N., Lissek, S., Noorbaloochi, S., Sponheim, S.R., Erbes, C.R. (in press). Advancing Research on Mechanisms of Resilience (ARMOR) longitudinal cohort study of new military recruits: results from a feasibility pilot study. *Research in Human Development*, 18(3), 212-229. doi: 10.1080/15427609.2021.1964898
16. Hicks, B.M., Clark, D.A., Deak, J.D., **Schaefer, J.D.**, Liu, M., Jang, S., Durbin, C.E., Johnson, W., Wilson, S., Iacono, W.G., McGue, M., Vrieze, S.I. (2021). Polygenic scores for smoking and educational attainment have independent influences on academic success and adjustment in adolescence and educational attainment in adulthood. *PLOS ONE*, 16(8):e0255348. doi: 10.1371/journal.pone.0255348
15. **Schaefer, J.D.**, Jang, S., Vrieze, S., Iacono, W.G., McGue, M., Wilson, S. (2021). Adolescent cannabis use and adult psychoticism: A longitudinal co-twin control analysis using data from two cohorts. *Journal of Abnormal Psychology*, 130(7), 691-701. doi: 10.1037/abn0000701  
*Interviews: [Mind & Matter](#) (December, 2021)*
14. Reuben, A., Arseneault, L., Beddows, A., Beevers, S.D., Caspi, A., Moffitt, T.E., Ambler, A.P., Latham, R.M., Newbury, J.B., Odgers, C.L., **Schaefer, J.D.**, Fisher, H.L. (2021). Air pollution exposure in childhood and adolescence and psychopathology at the transition to adulthood. *JAMA Network Open*, 4(4):e217508. doi:10.1001/jamanetworkopen.2021.7508  
*Selected news coverage: [U.S. News](#), [The Guardian](#), [HealthDay](#), [ScienceDaily](#), [Popular Science](#), [Earth.com](#), [Daily Express](#), [Futurity](#)*
13. **Schaefer, J.D.**, Hamdi, N.R., Malone, S., Vrieze, S., Wilson, McGue, M., Iacono, W.G. (2021). Associations between adolescent cannabis use and young-adult functioning in three longitudinal twin studies. *Proceedings of the National Academy of Sciences of the United States of America*, 118(14), e2013180118. doi:10.1073/pnas.2013180118  
*Selected news coverage: [APA's Monitor on Psychology](#), [U.S. News](#), [Politico](#), [Star Tribune](#), [HealthDay](#), [Cosmos](#), [Healio](#), [MN Daily](#), [Star Tribune](#), [Jamaica Observer](#), [Ganjapreneur](#)*  
*Interviews: Minnesota Public Radio – All Things Considered (April, 2021), “Researcher” App (July, 2022)*
12. Hicks, B.M., Clark, D.A., Deak, J.D., Liu, M., Durbin, E., **Schaefer, J.D.**, Wilson, S., Iacono, W.G., McGue, M., Vrieze, S.I. (2021). Polygenic score for smoking is associated with externalizing psychopathology and disinhibited personality traits but not internalizing psychopathology in adolescence. *Clinical Psychological Science*, 9(6), 1205-1213. doi: 10.1177/21677026211002117
11. **Schaefer, J.D.** (2021) Enduring mental health: The high lifetime prevalence of psychiatric disorder and emerging science of persistent mental wellness. *Journal of the American Academy of Child and Adolescent Psychiatry*, 60(8), 955-957. doi: 10.1016/j.jaac.2021.01.004
10. Weissman, D.G., Bitran, D., Miller, A.B., **Schaefer, J.D.**, Sheridan, M.A., McLaughlin, K.A. (2019). Difficulties with emotion regulation as a transdiagnostic mechanism linking child maltreatment with the emergence of psychopathology. *Development and Psychopathology*, 31(3), 899-915. doi: 10.1017/S0954579419000348

9. \*Reuben, A., \***Schaefer, J.D.**, Moffitt, T.E., Belsky, D.W., Broadbent, J., Harrington, H., Houts, R., Ramrakha, S., Poulton, R., Caspi, A. (2019). Association of childhood lead exposure with adult personality traits and lifelong mental health. *JAMA Psychiatry*, 76(4), 418-425. doi: 10.1001/jamapsychiatry.2018.4192  
Selected news coverage: [U.S. News](#), [Tech Times](#), [Science Daily](#), [Quartz](#), [JAMA Network News](#)
8. **Schaefer, J.D.** (2018). Use of hierarchical measures of psychopathology to capture the long (and wide) shadow of early deprivation in the Bucharest Early Intervention Project analysis. *JAMA Psychiatry*, 75(11), 1101-1102. doi:10.1001/jamapsychiatry.2018.2215  
Selected news coverage: [Reuters](#), [Mad in America](#)
7. **Schaefer, J.D.**, Moffitt, T.E., Arseneault, L., Danese, A., Fisher, H.L., Houts, R., Sheridan, M. A., Wertz, J., Caspi, A. (2018). Adolescent victimization and early-adult psychopathology: Approaching causal inference using a longitudinal twin study to rule out alternative non-causal explanations. *Clinical Psychological Science*, 6(3), 352-371. doi: 10.1177/2167702617741381  
Selected news coverage: [APS Observations](#)
6. Belsky, D.W., Moffitt, T.E., Cohen, A.A., Corcoran, D.L., Levine, M.E., Prinz, J., **Schaefer, J.D.**, Sugden, K., Williams, B., Poulton, R., Caspi, A. (2018). Eleven telomere, epigenetic clock, and biomarker-composite quantifications of biological aging: Do they measure the same thing? *American Journal of Epidemiology*, 187(6), 1220-1230. doi: 10.1093/aje/kwx346  
Selected news coverage: [Herald-Tribune](#), [The Verge](#)  
Designated by the *American Journal of Epidemiology* as the “2018 Article of the Year”
5. \***Schaefer, J.D.**, \*Sculpt, M.A., Caspi, A., Belsky, D.W., Hariri, A.R., Harrington, M., Houts, R., Ramrakha, S. Poulton, R., Moffitt, T.E. (2017). Is low cognitive functioning a predictor or consequence of major depressive disorder? A test in two longitudinal birth cohorts. *Development and Psychopathology*, 1-15. doi: 10.1017/S095457941700164X
4. **Schaefer, J.D.**, Caspi, A., Belsky, D.W., Harrington, H., Houts, R., Horwood, J., Hussong, A., Ramrakha, S., Poulton, R., Moffitt, T.E. (2017). Enduring mental health: prevalence and prediction. *Journal of Abnormal Psychology*, 126(2), 212-224. doi: 10.1037/abn0000232  
Selected news coverage: [Science News](#), [Psychology Today](#), [Weekendavisen](#), [Huffington Post](#), [New York Post](#), [Teen Vogue](#), [Elite Daily](#)  
Interviews: [Think. Act. Be.](#) (Podcast, Seth Gillihan, Ph.D) (May 2021), [Who cares? What's the Point?](#) (Podcast, Sarb Johal, Ph.D) (August, 2017), [NewsTalk770](#) (Radio CHQR) (February, 2017)  
Highlighted by [Science News](#) as one of the most important contributions to understanding “The Science of Us” in the past 100 years
3. Belsky, D.W., Caspi, A., Houts, R., Cohen, H., Corcoran, D., Danese, A., Harrington, H., Israel, S., Levine, M., **Schaefer, J. D.**, Sugden, K., Williams, B., Yashin, A., Poulton, R., Moffitt, T. E. (2015). Quantification of biological aging in young adults. *Proceedings of the National Academy of Sciences*, 112(30): E4104-10. doi: 10.1073/pnas.1506264112  
Selected news coverage: [The Wall Street Journal](#), [The Washington Post](#), [TIME](#), [The Guardian](#), [The Onion](#)  
Elected by [Science News](#) as the 4th most important science paper in 2015 (behind Pluto, gene editing, and a new hominid).
2. **Schaefer, J.D.**, Caspi, A., Belsky, D., Harrington, H., Houts, R., Israel, S., Levine, M., Sugden, K., Williams, B., Poulton, R., Moffitt, T. E. (2015). Early-life intelligence predicts midlife biological age. *The Journal of Gerontology: Psychological Sciences*, 1-8. doi: 10.1093/geronb/gbv035  
Selected news coverage: [Psychology Today](#)

1. **Schaefer, J.**, Giangrande, E., Weinberger, D.R., Dickinson, D. (2013). The global cognitive impairment in schizophrenia: Consistent over decades and around the world. *Schizophrenia Research*, 150(1): 42-50. doi: 10.1016/j.schres.2013.07.009  
Selected news coverage: [medwireNews](#)  
Received certificate from journal for being 1 of the 5 most highly cited papers published in *Schizophrenia Research* (December, 2016)

### Book Chapters

1. Dickinson, D., **Schaefer, J.**, Weinberger, D.R. (2013). The multi-faceted “global” cognitive impairment profile in schizophrenia. In P.D. Harvey (Ed.), *Cognitive Impairment in Schizophrenia: Characteristics, Assessment, and Treatment*. Cambridge, UK: Cambridge University Press.

### Other Public Output

3. **Schaefer, J.D.** (2021, February 16) If you stay mentally well your entire life, you’re not normal. Aeon: Psyche. <https://psyche.co/ideas/if-you-stay-mentally-well-your-entire-life-youre-not-normal>
2. Reuben, A., **Schaefer, J.** (2017, July 14) Mental illness is far more common than we knew. Scientific American: Observations. <https://blogs.scientificamerican.com/observations/mental-illness-is-far-more-common-than-we-knew/#>
1. **Schaefer, J.D.** (2017). Is “abnormal psychology” really all that abnormal? American Psychological Association, Society of Clinical Psychology: Clinical Bulletin. <http://www.div12.org/is-abnormal-psychology-really-all-that-abnormal>

## **PRESENTATIONS**

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### Symposium Presentations

- Schaefer, J.D.** (2023, April) Associations between early-life socioeconomic disadvantage, neurobehavioral deviations, and trajectories of substance use. Society for Research on Adolescence Annual Meeting, San Diego, CA.
- Schaefer, J.D.** (2021, April) Using co-twin control analyses to estimate the effects of adolescent cannabis use on adult mental health and cognitive functioning. Annual Meeting of the Society of Biological Psychiatry, New Orleans, LA.
- Schaefer, J.D.** (2019, March) Does Developmental Timing of Maltreatment Matter for Psychopathology Risk? A Critical Review of the Sensitive Period Hypothesis. Anxiety and Depression Association of America (ADAA) 39<sup>th</sup> Annual Conference, Chicago, IL.
- Schaefer, J.D.** (2019, March) Does Developmental Timing of Maltreatment Matter for Psychopathology Risk? A Critical Review of the Sensitive Period Hypothesis. Biennial Meeting of the Society for Research in Child Development (SRCD), Baltimore, MD.

**Schaefer, J.D.** (2017, April) Enduring Mental Health: Prevalence & Prediction. Annual Meeting of the Population Association of America (PAA), Chicago, IL.

#### Invited Talks & Colloquia

Disner, S. & **Schaefer, J.D.** (2022, July) The genetics of resilience: Promises and pitfalls. Reville for Resilience 2022 Service to Science Scholars Research Seminar. Minneapolis Veteran Affairs Medical Center.

**Schaefer, J.D.** (2021, December) Psychiatric epidemiology and the prevalence of common mental health problems. Behavioral and Emotional Problems of Children (CPSY 4311). University of Minnesota.

**Schaefer, J.D.** (2021, December) Enduring mental health: The high lifetime prevalence of psychiatric disorder and emerging science of persistent mental wellness. Abnormal Psychology (PSY 1480). Hamline University.

**Schaefer, J.D.** (2021, October) Approaching the unanswerable: Using causally informative observational research to understand the relationship between environmental exposures and mental health. Character Lab, University of Pennsylvania.

**Schaefer, J.D.** (2021, September) Psychiatric epidemiology and the prevalence of common mental health problems. Abnormal Psychology (PSY 1480). Hamline University.

**Schaefer, J.D.** (2021, February) Enduring mental health: The high lifetime prevalence of psychiatric disorder and emerging science of persistent mental wellness. Department of Psychology "Spring Speaker Series," Rutgers University.

#### Campus or Departmental Talks

**Schaefer, J.D.** (2023, May) Associations between early-life socioeconomic disadvantage, neurobehavioral deviations, and trajectories of substance use. Department of Psychology "Research Day" Colloquium Series, University of Minnesota.

**Schaefer, J.D.** (2021, April) Associations between adolescent cannabis use and adult mental, cognitive, and socioeconomic health in three longitudinal twin studies. Department of Psychology "Research Day" Colloquium Series, University of Minnesota.

**Schaefer, J.D.** (2019, February) Genomic prediction of general psychopathology using data from longitudinal cohort studies. Institute of Child Development "Departmental Brown Bag," University of Minnesota.

**Schaefer, J.D.** (2015, April) Defining Mental Illness: How Abnormal is Abnormal Psychology? University Scholars Program Annual Symposium "*Definitions*", Durham, NC.

#### Poster or Other Submitted Oral Presentations

- Stern, E.F., **Schaefer, J.**, Ellingson, J., Zellers, S., Corley, R.P., Elkins, I., Hewitt, J.K., Hopfer, C., Ianoco, W.G., Klimes-Dougan, B., Malone, S.M., McGue, M., Rhee, S.H., Ross, M., Vrieze, S., Wilson, S. (2023, March). Cannabis use and suicidality: A multi-site, co-twin control study from adolescence through middle adulthood. SRCD Biennial Meeting, Salt Lake City, Utah.
- Pichardo, F., Malone, S. M., Harper, J., **Schaefer, J.**, Hunt, R. H., Thomas, K. M., McGue, M., Wilson, S., Iacono, W. G. (2021, April). Hippocampal volume, problematic alcohol use, and subsequent moderation in a twin sample. Society for Research in Child Development Biannual Meeting, Online.
- Altschuler, M. R., **Schaefer, J.**, McGue, M., Iacono, W. G., & Wilson, S. (2021, April). Multimodal indicators of risk for and consequences of depression: Executive function from preadolescence into adulthood. Society for Research in Child Development Biannual Meeting, Online.
- Schaefer, J.D.**, Seon-kyeong, J., Liu, M., Vrieze, S., Iacono, W.G., McGue, M., Wilson, S. (2020, June). “Developmental pathways connecting polygenic risk of smoking initiation to adolescent and young-adult substance use.” Annual Meeting of the Behavior Genetics Association, Online.
- Schaefer, J.D.**, Hamdi, N.R., Wilson, S., Malone, S., McGue, M., Iacono, W.G. (2020, March). “Associations between adolescent cannabis use and young-adult functioning in three longitudinal twin studies.” Annual Meeting of the American Psychopathological Association, New York, NY.
- Disner, S., **Schaefer, J.D.**, Noorbaloochi, S., Arbisi, P., Erbes, C., Polusny, M., Sponheim, S. (2019, October). “Polygenic correlates of post-deployment symptom trajectories in National Guard soldier.” World Congress of Psychiatric Genetics, Los Angeles, CA.
- Reuben, A., **Schaefer, J.D.**, Broadbent, J., Poulton, R., Caspi, A., Moffitt, T., Lanphear, B. (2019, August). “The long-term implications of childhood lead exposure: Evidence from midlife follow-ups in the New Zealand Dunedin Cohort.” Annual Conference of the International Society for Environmental Epidemiology, Utrecht, The Netherlands.
- Schaefer, J.D.**, Moffitt, T.E., Arseneault, L., Caspi, A. (2018, March). “Victimization and psychopathology: Approaching causal inference using data from a longitudinal twin study.” Annual Meeting of the American Psychopathological Association, New York, NY.
- Schaefer, J.D.**, Caspi, A., Cook, S., Moffitt, T.E. (2017, October). “Are cognitive inefficiencies a predictor or consequence of major depressive disorder?” NAN 37<sup>th</sup> Annual Conference, Boston, MA.
- Schaefer, J.D.** (2017, May). “Adolescent victimization and early-adult psychopathology: Approaching causal inference using a longitudinal twin study.” Annual Convention of the Association for Psychological Science, Boston, MA.
- Scult, M.A., **Schaefer, J.D.**, Hariri, A.R., Caspi, A., Moffitt, T.E. (2017, May). “Is low IQ associated with depression? Cognitive impairment in the context of major depressive disorder in two longitudinal birth cohort studies.” Annual Convention of the Association for Psychological Science, Boston, MA.



- Schaefer, J.D.**, Scult, M.A., Caspi, A., Moffitt, T.E. (2016, November). "Is low IQ associated with depression? An examination of cognitive impairment in the context of major depressive disorder in a longitudinal birth cohort." Poster presented at the Neuroscience of Youth Depression conference, Chapel Hill, NC.
- Schaefer, J.D.**, Caspi, A., Moffitt, T.E. (2016, May). "Enduring Mental Health: Prevalence & Prediction." Poster presented at the annual meeting of Association for Psychological Science, Chicago, IL.
- Schaefer, J.**, Caspi, A., Belsky, D., Moffitt, T.E. (2014, December). "Early-life intelligence predicts midlife biological age." Poster presented at the annual meeting of The International Society for Intelligence Research, Graz, Austria.
- Schaefer, J.**, Caspi, A., Belsky, D., Moffitt, T.E. (2014, November). "Early-life intelligence predicts midlife biological age." Poster presented at "Shaping the Developing Brain: Prenatal through Early Childhood," the Fifth Annual Aspen Brain Forum, New York, NY.
- Schaefer, J.**, Wallwork, R., Trampush, J., Straub, R.E., Kolachana, B., Feng, N., Weinberger, D.R., Dickinson, D. (2013, April). "The tryptophan degradation pathway and cognition: a gene-, branch-, and pathway-level analysis." Poster presented at The International Congress on Schizophrenia Research annual meeting, Orlando, FL.
- Dickinson, D., **Schaefer, J.**, Weinberger, D.R. (2013, April). "The global cognitive impairment in schizophrenia: forgotten but not gone." Poster presented at The International Congress on Schizophrenia Research annual meeting, Orlando, FL.
- Giangrande, E., **Schaefer, J.**, Weinberger, D.R., Dickinson, D. (2012, August). "A meta-analysis of generalized cognitive impairment in schizophrenia with an examination of regional differences." Poster presented at the annual *NIH Summer Poster Session*, Bethesda, MD.
- Schaefer, J.**, Mozersky, J., Weinberger, D.R., Dickinson, D. (2012, May). "Generalized cognitive impairment in schizophrenia: An update and extension of previous meta-analyses." Poster presented at *Biological Psychiatry* annual meeting, Philadelphia, PA.
- Wallwork, R.S., **Schaefer, J.**, Trampush, J., Straub, R.E., Vakkalanka, R., Feng, N., Weinberger, D.R., Dickinson, D. (2012, May). "Initial investigation of the relationship between cortical tryptophan metabolism and cognition in schizophrenia." Poster presented at *Biological Psychiatry* annual meeting, Philadelphia, PA.

## **TEACHING EXPERIENCE**

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- Guest Lecturer**, Behavioral and Emotional Problems of Children (CPSY 4311) Fall 2021  
 Department of Psychology, University of Minnesota, Minneapolis, MN
- Guest Lecturer**, Abnormal Psychology (PSY 1480) Fall 2021  
 Department of Psychology, Hamline University, Saint Paul, MN

**Teaching Assistant**, Research Methods in Psychology (PSY 202) Fall 2016  
Department of Psychology & Neuroscience, Duke University, Durham, NC

**Teaching Assistant**, Advanced Abnormal Psychology (PSY 213) Fall 2015  
Department of Psychology & Neuroscience, Duke University, Durham, NC

**Teaching Assistant**, Introduction to Forensic Psychology (PSY 212) Spring 2015  
Department of Psychology & Neuroscience, Duke University, Durham, NC

**SAT/ACT, Math, Biology, & Psychology Tutor** 2011-2013  
StudyPoint Personalized Tutoring, Washington D.C.

## **ADVISING & MENTORING**

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### Graduate students

*Research Supervision:* Jordan Alexander, Melody Altschuler, Nathalie Durmornay, Erin Gallert, Beatrice Hammel, Kayla Nelson

### Undergraduate students

*Undergraduate Senior Projects/Honors Theses:* Kasey Stack (Spring 2021), Lucie Han (Spring 2022)

*Undergraduate Research Assistants:* Salahudeen Mirza, Emma Glickman, Olivia Sterns, Samantha Stoll, Lynandrea Mejia, Janine Cerutti

*Duke University Scholars Program:* Sakura Takahashi

### High School Seniors

*Volunteers:* Jody Mozersky, Evan Giangrande

## **CLINICAL EXPERIENCE**

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*Licensed clinical psychologist in the state of Minnesota (LP#6864)*

**Minneapolis VA Health Care System**, Minneapolis, MN 2018 – 2019

### ***Trauma Services***

Supervisors: Amanda Ferrier-Auerbach, Ph.D; Christopher Chuick, Ph.D

Conducted diagnostic assessments and provided individual psychotherapy (Prolonged Exposure, Cognitive-Behavioral Therapy) for veterans diagnosed with PTSD and other trauma and stress-related disorders.

### ***Addiction Recovery Services***

Supervisors: Jennifer Mrnak-Meyer, Ph.D; Daniel Silversmith, Psy.D

Conducted diagnostic assessments and provided both individual and group therapy (CBT-SUDS, Motivational Interviewing) for veterans diagnosed with a variety of different substance use disorders and psychiatric comorbidities.

### ***Serious Mental Illness Clinic***

Supervisor: Bridget Hegeman, Ph.D

Conducted diagnostic assessments and provided both individual therapy and group therapy/social skills training for veterans diagnosed with different forms of mental illness on the psychotic spectrum (e.g., schizophrenia, schizoaffective disorder, delusional disorder).

**Duke Cognitive-Behavioral Research and Treatment Program, Durham, NC** 2017-2018

Supervisor: Melissa Miller, Ph.D

Provided individual outpatient psychotherapy sessions using tools from Cognitive Behavioral Therapy, Dialectal Behavior Therapy, Prolonged Exposure, and other modalities to treat patients with mood, anxiety, and trauma-related disorders.

**Duke Neurology Clinic, Durham, NC** 2016-2017

Supervisor: Sarah Cook, Ph.D

Conducted neuropsychological assessments and clinical interviews of adult patients presenting with a wide array of different neurological and psychiatric conditions, including dementia, Alzheimer's disease, and mild cognitive impairment.

**Duke Pain Medicine Clinic, Durham, NC** 2015-2016

Supervisors: Christopher Edwards, Ph.D; Miriam Feliu, Psy.D

Evaluated pain, affective status, substance use, cognitive status, personality, and social support of clients presenting with chronic pain and a wide array of comorbid somatic and psychiatric conditions. Conducted pain management, coping skills training, and biofeedback sessions in the context of individual psychotherapy.

**Duke University Psychology Clinic, Durham, NC** 2014-2015

Supervisors: David Rabiner, Ph.D; Ron Batson, M.D

Provided individual psychotherapy for clients with complaints including depression, anxiety, relationship issues, and self-harm. Prepared intake, diagnostic, and transfer reports.

**Clinical Brain Disorders Branch, National Institute of Mental Health, Bethesda, MD** 2011-2013

Supervisor: Dwight Dickinson, J.D./Ph.D

Administered an array of neuropsychological and personality tests to patients with schizophrenia, their siblings, and healthy volunteers for research protocols including The NIMH Genetic Study of Schizophrenia (PI: Karen Berman, M.D.), Clinical Trial of Tolcapone for Cognition in Schizophrenia, Clinical Trial of Modafinil for Cognition in Schizophrenia, and Inpatient Evaluation of Neuropsychiatric Patients (PI: Jose Apud, M.D.). Presented patients' cognitive test results at weekly inpatient rounds to assist clinical decisions regarding diagnosis and treatment.

## **PROFESSIONAL SERVICE & ACTIVITIES**

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Editorial Board Member: *Journal of Psychopathology and Clinical Science* 2021-present

Invited Grant Reviews: *National Science Centre, Krakow, Poland*

Ad Hoc Reviewer: *Acta Psychiatrica Scandinavica; Addictive Behaviors; Aging and Mental Health; BMJ Open; Brain Sciences; Child Development; Clinical Psychological Science; Development and Psychopathology; EClinicalMedicine; Frontiers in Psychiatry; Genes, Brain, and Behavior; Intelligence; International Journal of Environmental Research and Public Health (IJERPH), JAMA Psychiatry; Journal of Psychopathology and Clinical Science; Journal of Child Psychology and*

*Psychiatry (JCPP); Journal of Psychiatric Research; Journal of Research on Adolescence; Journal of the American Academy of Child and Adolescent Psychiatry (JAACAP); Lancet Psychiatry; Neuroimage—Clinical; PLOS One; Psychiatry Research; Psychological Medicine; Social Psychiatry and Psychiatric Epidemiology; Translational Psychiatry*

## **PROFESSIONAL MEMBERSHIPS**

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American Psychological Association (APA)  
American Psychopathological Association (APPA)  
Association for Psychological Science (APS)  
Society of Biological Psychology (SOBP)  
Society for Research in Child Development (SRCD)