

# JONATHAN D. SCHAEFER

## *Curriculum Vitae*

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

#### Current Position

**Vanderbilt University**, Nashville, TN

2023 – present

#### 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



*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**

*\*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:c. -2 (

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).

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

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**

### Symposium Presentations

**Schaefer, J.D.** (2023, April)

**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.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** (Total 6) (BDC - 1b, 2) (MCID/TTOT) (C 1 -BD-SG-2e) (P) (L he) (cn) (e) (4) (y)

**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**

### 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

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 (g)2 (r)-1 (v)1psm(w) (ro)2 Tf22.22 0( B)2 (.275 0 Td)-2 ( C)7 (ogni)-2 (t)-2 /P ld ( C)7 (oc(cal)

