

CURRICULUM VITAE

Sarah L. Carroll, PhD

Postdoctoral Fellow, Institute for Behavioral Genetics
University of Colorado Boulder
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EDUCATION

- 2025 **Michigan State University**, East Lansing, MI
Doctor of Philosophy in Clinical Science
Concentration in Quantitative Methodology and Evaluation Science
Primary Advisor: S. Alexandra Burt, Ph.D.
APA-Accredited Clinical Psychology Pre-Doctoral Internship at Rochester
Institute of Technology, Rochester, NY (2024-2025)
- 2020 **Michigan State University**, East Lansing, MI
Master of Arts in Clinical Science
Primary Advisor: S. Alexandra Burt, Ph.D.
- 2016 **University of Virginia**, Charlottesville, VA
B.A., Psychology

HONORS AND AWARDS

- 2024 **Jacqueline J. Oatman Graduate Fellowship in Clinical Psychology**, Michigan
State University
- 2022 **Rising Star Award**, Behavior Genetics Association
- 2019 **Honorable Mention**, National Science Foundation Graduate Research
Fellowship Program
- 2018-
2019 **Student Travel Fellowship**, Behavior Genetics Association
- 2016 **Highest Thesis Honors**, University of Virginia
- 2016 **Phi Beta Kappa**, University of Virginia
- 2016 **Psi Chi**, University of Virginia
- 2012-
2016 **Echols Scholar**, University of Virginia

GRANTS AND FELLOWSHIPS

2025- Present T32 Postdoctoral Research Training Grant: Mental Health Behavior Genetics
Principal Investigator: Dr. Matthew Keller

2020-2023 Ruth L. Kirschstein Predoctoral Individual National Research Service Award
Principal Investigator (Sponsor: Dr. S. Alexandra Burt)

Total Funding: \$38,628

2018-2024 Michigan State University Distinguished Fellowship
Fellowship awarded by the Michigan State University Graduate School to cover first and final years of graduate funding.

PUBLICATIONS

Carroll, S. L., Di Dio, A. M., Clark, S. L., Klump, K. L., Hyde, L. W., & Burt, S. A. (in press). Understanding desistance from aggression: a joint interpretation of person-centered and variable-centered approaches. *Development and Psychopathology*.

Burt, S. A., Garrison, M. S., Lyu, X., Rodgers, J. L., **Carroll, S. L.**, Smith, K. R., & Hunter, M. D. (in press). Inherited mtDNA contributes to longevity: evidence from extended pedigrees with 176 million kinship pairs. *eBioMedicine*.

Burt, S. A., **Carroll, S. L.**, Clark, S. L., Klump, K. L., & Hyde, L. W. (in press). Temporal change in the prevalence and etiology of youth antisocial behavior. *Journal of Psychopathology and Clinical Science*.

Lyu, X., Burt, S. A., Hunter, M. D., Good, R., **Carroll, S. L.**, & Garrison, S. M. (in press). Detecting mtDNA effects with an extended pedigree model: an analysis of statistical power and estimation bias. *Behavior Genetics*.

Burt, S. A., **Carroll, S. L.**, Shewark, E. A., Klump, K. L., Neiderhiser, J. M., & Hyde, L. W. (2024). The fluid and transactional nature of parent-child conflict from childhood into emerging adulthood. *Developmental Psychology*.

Carroll, S. L., Mikhail, M. E., & Burt, S. A. (2023). The development of youth antisocial behavior across time and context: a systematic review and integration of person-centered and variable-centered research. *Clinical Psychology Review*, 102253.

Carroll, S. L., Shewark, E. A., Mikhail, M. E., Thaler, D. J., Pearson, A. L., Klump, K. L., & Burt, S. A. (2023). Identifying the ‘active ingredients’ of socioeconomic disadvantage for youth outcomes in middle childhood. *Development and Psychopathology*, 1-9.

Mikhail, M. E., **Carroll, S. L.**, Clark, D. A., O'Connor, S. M., Culbert, K. M., Burt, S. A., & Klump, K. L. (2023). Disadvantage and disordered eating in boys: Examining phenotypic and

genotype× environment associations across development. *Journal of psychopathology and clinical science*, 132(1), 51-62.

Shewark, E. L., **Carroll, S. L.**, & Burt, S. A. (2022). The Effects of Genotype-Environment Interplay on Psychopathology Vary across Development. In Drs. M. Friedman and C. Markey (Eds.), *The Encyclopedia of Mental Health (3rd Edition)*.

Carroll, S. L., Klump, K. L., & Burt, S. A. (2022). Understanding the effects of neighborhood disadvantage on youth psychopathology. *Psychological Medicine*, 53(7), 3036-3046.

Mikhail, M. E., **Carroll, S. L.**, Clark, D. A., O'Connor, S., Burt, S. A., & Klump, K. L. (2021). Context matters: Neighborhood disadvantage is associated with increased disordered eating and earlier activation of genetic influences in girls. *Journal of Abnormal Psychology*, 130(8), 875.

Carroll, S. L., Shewark, E. A., Hyde, L. W., Klump, K. L., & Burt, S. A. (2021). Understanding the effects of the COVID-19 pandemic on youth psychopathology: Genotype–environment interplay. *Biological psychiatry global open science*, 1(4), 345-353.

Carroll, S. L., Clark, D. A., Hyde, L. W., Klump, K. L., & Burt, S. A. (2021). Continuity and change in the genetic and environmental etiology of youth antisocial behavior. *Behavior genetics*, 51(5), 580-591.

Burgoyne, A. P., **Carroll, S. L.**, Clark, D. A., Hambrick, D. Z., Plaisance, K. S., Klump, K. L., & Burt, S. A. (2020). Can a brief intervention alter genetic and environmental influences on psychological traits? An experimental behavioral genetics approach. *Learning and Motivation*, 72, 101683.

Burt, S. A., Pearson, A. L., **Carroll, S. L.**, Klump, K. L., Neiderhiser, J. M. (2020). Child antisocial behavior is more environmental in origin in disadvantaged neighborhoods: Evidence across residents' perceptions and geographic scales in two samples. *Journal of Abnormal Child Psychology*, 48(2), 265-276.

Giangrande, E. J., Beam, C. R., **Carroll, S. L.**, Matthews, L. J., Davis, D. W., Finkel, D., & Turkheimer, E. (2019). Multivariate analysis of the Scarr-Rowe interaction across middle childhood and early adolescence. *Intelligence*, 77, 101400.

Gottschling, J., Hahn, E., Beam, C. R., Spinath, F. M., **Carroll, S. L.**, & Turkheimer, E. (2019). Socioeconomic status amplifies genetic effects in middle childhood in a large German twin sample. *Intelligence*, 72, 20-27.

Carroll, S. L., & Turkheimer, E. (2018). Item response theory analysis of the cognitive ability test in TwinLife. TwinLife Working Paper Series, 02. Project TwinLife: Genetic and social causes of life chances (Bielefeld University / Saarland University).

Carroll, S. L., & Turkheimer, E. (2018). Midlife risk factors for late-life cognitive decline. *Developmental Review*, 48, 201-222.

Manuscripts under Review

Hunter, M. D., Garrison, M. S., Lyu, X., Good, R., **Carroll, S. L.**, & Burt, S. A. Tracing the Right Path: Determination of Large Pedigree Segmentation and Relatedness. *Manuscript under review at Behavior Genetics*.

Manuscripts in Preparation

Carroll, S. L., Di Dio, A. M., Rhee, S. H., Reynolds, C. A., Hyde, L. W., Klump, K. L., & Burt, S. A. Developmental GxE: The role of neighborhood disadvantage as an etiologic moderator of antisocial behavior trajectories.

Carroll, S. L., Di Dio, A. M., Rhee, S. H., & Reynolds, C. A. Associations between trajectories of youth antisocial behavior and adult symptoms of antisocial personality disorder and psychopathy.

Carroll, S. L., Shewark, E. A., Mikhail, M. E., Hyde, L. W., Klump, K. L., & Burt, S. A. The time-varying role of parent-child conflict in the etiology of rule-breaking trajectories.

Carroll, S. L., Clark, S. L., Hyde, L. W., Klump, K. L., & Burt, S. A. Understanding heterogeneity in trajectories of rule-breaking via joint interpretation of variable-centered and person-centered methods.

Shewark, E. A., Vazquez, A. Y., **Carroll, S. L.**, Nuttall, A. K., Miller-Graff, L. E., Klump, K. L., Hyde, L. W., & Burt, S. A. The continuity and discontinuity in the etiology of youth resilience from middle childhood through adolescence.

CONFERENCE PRESENTATIONS

#Denotes mentored research assistants as co-authors.

Carroll, S. L., Shewark, E. A., Mikhail, M. E., Hyde, L. W., Klump, K. L., & Burt, S. A. (2025). The time-varying role of parent-child conflict in the etiology of rule-breaking trajectories. Oral presentation given at the Behavior Genetics Association Annual Meeting, Atlanta, Georgia.

Shewark, E. A., Vazquez, A. Y., **Carroll, S. L.**, Miller-Graff, L., Nuttall, A. K., Hyde, L. W., Klump, K. L., & Burt, S. A. (2025). Genetic and environmental contributions to the association between resilient parenting and youth resilience development from middle childhood to adolescence. Oral presentation given at the Behavior Genetics Association Annual Meeting, Atlanta, Georgia.

Burt, S. A., **Carroll, S. L.**, Clark, S. L., Klump, K. L., & Hyde, L. W. (2025). Temporal change in the prevalence and etiology of youth antisocial behavior. Senior oral presentation at the biennial meeting of International Society for Research in Child and Adolescent Psychopathology (ISRCAP), Vancouver, CN.

Shewark, E. A., Vazquez, A. Y., **Carroll, S. L.**, Miller-Graff, L. E., Nuttall, A. K., Hyde, L., Klump, K. L., & Burt, S. A. (2024). Continuity and discontinuity in the etiology of youth resilience development from middle childhood through adolescence. Poster presentation delivered at the biennial meeting of the Society for Research in Child Development (SRCD), Minneapolis, Minnesota.

Carroll, S. L., Shewark, E. A., Klump, K. L., Neiderhiser, J. M., Hyde, L. W., & Burt, S. A. (2024). The fluid and transactional nature of parent-child conflict from childhood into emerging adulthood. Paper presented at the Behavior Genetics Association Annual Meeting, London, England.

Shewark, E. A., Vazquez, A. Y., **Carroll, S. L.**, Nuttall, A. K., Pearson, A. L., Miller-Graff, L. E., Hyde, L. W., Klump, K. L., & Burt, S. A. (2024). Positive neighborhood features moderate the etiology of youth resilience trajectories. Paper presented at the Behavior Genetics Association Annual Meeting, London, England.

Sanghvi†, A., Poorman†, S., Ahmed†, Z., Ahmed†, A., Kim, M., **Carroll, S. L.**, & Burt, S. A. (2024). Do the predictors of digital aggression vary across sex? Poster presented at the 26th annual University Undergraduate Research and Arts Forum.

Carroll, S. L., Di Dio, A. M., Klump, K. L., Hyde, L. W., & Burt, S. A. (2024). Understanding desistance from aggression: an empirical integration of person-centered and variable-centered approaches. Paper presented at the International Society for Research on Aggression World Meeting, Munich, Germany.

Carroll, S. L., Shewark, E. A., Mikhail, M. E., Clark, S. L., Hyde, L. W., Klump, K. L., & Burt, S. A. (2023). Neighborhood disadvantage as an etiologic moderator of rule-breaking trajectories: a longitudinal person-centered approach. Poster presented at the Society for Research in Psychopathology Annual Meeting, St. Louis, MO.

Carroll, S. L., Shewark, E. A., Mikhail, M. E., Clark, S. L., Hyde, L. W., Klump, K. L., & Burt, S. A. (2023). Neighborhood disadvantage as an etiologic moderator of rule-breaking trajectories: a longitudinal person-centered approach. Paper presented at the Behavior Genetics Association Annual Meeting, Murcia, Spain.

Petroff†, E., Pothuraju†, S., Stewart†, S., Van Rossen†, V., **Carroll, S. L.**, Klump, K. L., Hyde, L. W., & Burt, S. A. (2023). Associations between age, sex, and parent-child nurturance across adolescence. Poster presented at the 25th annual University Undergraduate Research and Arts Forum.

Mikhail, M. E., **Carroll, S. L.**, Clark, D. A., O'Connor, S. M., Burt, S. A., & Klump, K. L. (2023). Genes and puberty in context: Disadvantage moderates genetic influences on disordered eating during puberty in girls. Paper presented at the Organization for the Study of Sex Differences annual meeting, Calgary, Alberta, Canada.

Mikhail, M. E., **Carroll, S. L.**, Clark, D. A., O'Connor, S. M., Culbert, K. M., Burt, S. A., & Klump, K. L. (2022). Neighborhood and familial disadvantage are associated with earlier genetic influences and increased disordered eating in boys. Paper presented at the meeting of the Eating Disorders Research Society, Philadelphia, PA.

Carroll, S. L., Shewark, E. A., Clark, D. A., Hyde, L. W., Klump, K. L., & Burt, S. A. (2022). Developmental GxE: The Role of Neighborhood Disadvantage as an Etiologic Moderator of Continuity and Change in Antisocial Behavior. Paper presented at the Behavior Genetics Association Annual Meeting, Los Angeles, CA. ***Behavior Genetics Association “Rising Star” Award for highly commended paper/poster delivered by an Associate member.**

Shewark, E. A., **Carroll, S. L.,** Klump, K. L., & Burt, S. A. (2022). Parenting moderates the etiology of children’s social information processing. Paper presented at the Behavior Genetics Association Annual Meeting, Los Angeles, CA.

Gogineni†, N., Chambo†, L., **Carroll, S. L.,** Klump, K. L., Hyde, L. W., & Burt, S. A. (2022). Impact of neighborhood disadvantage and peer deviance on antisocial behavior. Poster presented at the 24th annual University Undergraduate Research and Arts Forum.

Burt, S.A., **Carroll, S. L.,** & Klump, K.L. (2022). How do disadvantaged neighborhood contexts shape the genetic and environmental origins of ADHD? Plenary Symposium at the 2022 virtual meeting of the American Professional Society of ADHD and Related Disorders (APSARD).

Carroll, S. L., Shewark, E. A., Hyde, L. W., Klump, K. L., & Burt, S. A. (2021). Understanding the effects of the COVID-19 pandemic on youth psychopathology: genotype-environment interplay. Paper presented at the 51st Behavior Genetics Annual Meeting.

Asuncion†, H., Lapan†, A., Mysore†, S., Wojczynski†, S., **Carroll, S. L.,** & Burt, S. A. (2021). How do marital quality and fear of crime predict children’s callous-unemotional traits? Poster presented at the 23rd annual University Undergraduate Research and Arts Forum.

Carroll, S. L., Klump, K. L., & Burt, S. A. (2020). Understanding the effects of neighborhood disadvantage on youth psychopathology. Paper presented at the 50th Behavior Genetics Annual Meeting.

Mikhail, M. E., **Carroll, S. L.,** Clark, D. A., O’Connor, S., Burt, S. A., & Klump, K. L. (2020). Disordered eating in context: Socioeconomic disadvantage increases risk and impacts the etiology of disordered eating in youth. Paper presented at the Eating Disorders Research Society virtual meeting.

Mikhail, M. E., **Carroll, S. L.,** Clark, D. A., Burt, S. A., & Klump, K. L. (2020). Context matters: Socioeconomic disadvantage increases phenotypic risk and impacts the etiology of disordered eating in youth. Poster presented at the 50th Behavior Genetics Annual Meeting.

Mikhail, M. E., **Carroll, S. L.,** Clark, D. A., Burt, S. A., & Klump, K. L. (2020). Neighborhood disadvantage moderates the etiology of disordered eating in a large, population-based sample of girls. Paper presented at the International Conference on Eating Disorders, Sydney, Australia. ***Academy of Eating Disorders Gene x Environment SIG Best Abstract Award.**

Carroll, S. L., Klump, K. L., & Burt, S. A. (2019). How do neighborhood, familial, and school disadvantage alter the etiology of children's antisocial behavior? Poster presented at the 49th Behavior Genetics Annual Meeting, Stockholm, Sweden.

Tarhini[‡], A., Artman[‡], R., Burling[‡], A., Brown[‡], D., **Carroll, S. L.,** & Burt, S. A. (2019). Do negative affect and romantic relationship status predict college students' binge drinking? Poster presented at the 21st annual University Undergraduate Research and Arts Forum.

Carroll, S. L., Gottschling, J., & Turkheimer, E. (2018). One reason children in the same family are so different: parental difference in phenotype. Poster presented at the 48th Behavior Genetics Annual Meeting, Boston, MA.

Giangrande, E. J., Matthews, L. J., **Carroll, S. L.,** & Turkheimer, E. (2017). Interaction of SES and heritability of cognitive performance across late childhood/early adolescence: A multivariate, longitudinal approach. Poster presented at the LIFE Fall Academy, Zurich, Switzerland.

Giangrande, E. J., Matthews, L. J., **Carroll, S. L.,** & Turkheimer, E. (2017). Socioeconomic status and heritability of cognitive performance in the Louisville Twin Study. Talk presented at the 47th Behavior Genetics Annual Meeting, Oslo, Norway.

Matthews, L. J., Giangrande, E. J., **Carroll, S. L.,** & Turkheimer, E. (2017). Quadratic effects of socioeconomic status on IQ. Poster presented at the 47th Behavior Genetics Annual Meeting, Oslo, Norway.

Turkheimer, E., Beam, C. R., Giangrande, E. J., & **Carroll, S. L.** (2017). A modified Purcell model for the analysis of heritability by socioeconomic status interactions. Talk presented at the 47th Behavior Genetics Annual Meeting, Oslo, Norway.

Carroll S. L., & Dodson, C. S. (2016). The effect of the confirmation bias on interpretations of eyewitness confidence statements. Poster presented at the L. Starling Reid Undergraduate Psychology Conference, Charlottesville, VA. Published on the *Center for Open Science* website and can be viewed at the following URL: <https://osf.io/ybqg2/>.

Gorlin, E. I., Soroka, A. K., **Carroll S. L.,** & Teachman, B. A. (2015). Training the “how” and the “why” of restoring goal pursuit after a failure: a novel intervention strategy. Poster presented at the 49th Annual Convention of the Association for Behavioral and Cognitive Therapies, Chicago, IL.

PROFESSIONAL TALKS

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| 2024 | Developmental GxE: Neighborhood Disadvantage as an Etiologic Moderator of Antisocial Behavior Trajectories. Invited talk presented at the Institute for Behavioral Genetics on September 27 th , 2024, in Boulder, CO. |
| 2023 | Understanding Desistance from Aggression: An Empirical Integration of Person-Centered and Variable-Centered Approaches. Research talk presented at meeting of the Burt Lab and Michigan Twin Neurogenetics Study on December 6 th , 2023, in East Lansing, MI. |

- 2023 **Neighborhood Disadvantage as an Etiologic Moderator of Rule-Breaking Trajectories: A Longitudinal, Person-Centered Approach.** Research talk presented at meeting of the Burt Lab and Michigan Twin Neurogenetics Study on October 25th, 2023, in East Lansing, MI.
- 2023 **Developmental GxE: Neighborhood disadvantage as an etiologic moderator of antisocial behavior trajectories.** Research talk presented at meeting of the Burt Lab and Michigan Twin Neurogenetics Study on January 27th, 2023, in East Lansing, MI.
- 2022 **Trajectories of youth antisocial behavior: an integration of person-centered & variable-centered research.** Research talk presented at the Michigan State University Department of Psychology Brown Bag Series on November 2nd, 2022, in East Lansing, MI.
- 2022 **Identifying the ‘active ingredients’ of socioeconomic disadvantage for youth outcomes.** Research talk presented at meeting of the Burt Lab and Michigan Twin Neurogenetics Study on October 27th, 2022, in East Lansing, MI.
- 2021 **‘Active Ingredients’ of Disadvantaged Contexts.** Research talk presented at meeting of the Burt Lab and Michigan Twin Neurogenetics Study on October 28th, 2021, in East Lansing, MI.
- 2020 **How do neighborhood, familial, and school disadvantage alter the etiology of children’s antisocial behavior?** Research talk presented at the Michigan State University Department of Psychology Clinical Science Forum on September 23rd, 2020, in East Lansing, MI.
- 2019 **Behavioral Genetic Methods in the Study of Psychopathology.** Invited guest lecture presented to undergraduate Child and Family Psychopathology class at Michigan State University on November 5th, 2019, in East Lansing, MI.

CLINICAL EXPERIENCE

- January 2025-
June 2025 Individual & Group Therapist
Hillside Children’s Center, Rochester Institute of Technology,
 Rochester, NY. Supervisors: Christopher Dehon, Ph.D., Rebcca Zill-Miller, Psy.D.
- Conducted individual psychotherapy sessions with youth in residential care presenting with depression, ADHD, trauma, externalizing behaviors, developmental delays, and genetic conditions
 - Co-led group psychotherapy sessions focused on psychoeducation and emotional/behavior regulation with youth in residential care

Sept 2019-
May 2024

Individual & Group Therapist

MSU Psychological Clinic, Michigan State University, East Lansing, MI
Supervisors: Carol Laub, Ph.D., Jason Stentoumis, Psy.D., Natalie Moser, Ph.D.

- Provided individual psychotherapy to a diverse range of child, adolescent, and young adult clients presenting with depression, anxiety, ADHD, behavioral concerns, grief, trauma, relationship issues, excoriation, feeding and sleeping difficulties, encopresis, and developmental delays
- Initiated and developed the curriculum for an 8-week therapy group for early adolescents experiencing elevated levels of anxiety and co-facilitated sessions
- Assessed and monitored progress in treatment with the Youth Outcome Questionnaire, Revised Children's Anxiety and Depression Scale (RCADS), Depression, Anxiety and Stress Scale-21 (DASS-21), Beck Depression Inventory (BDI), Outcome Questionnaire-45, Patient Health Questionnaire (PHQ), Skin Picking Impact Scale (SPIS), and Skin Picking Scale (SPS)

August 2017-
July 2018

Shelter Intern

Shelter for Help in Emergency, Charlottesville, VA
Supervisor: Rachael Silver, Volunteer Coordinator

- Served as a volunteer intern at a domestic violence shelter
- Assisted women in crisis as they moved into the shelter, provided emotional support, and monitored prescription medication use
- Answered the shelter's hotline and provided counseling in response to reports of domestic abuse, while evaluating whether clients met criteria for intake

ASSESSMENT EXPERIENCE

July 2024-
June 2025

Psychological Evaluations

Hillside Children's Center, Rochester Institute of Technology, Rochester, NY. Supervisors: Christopher Dehon, Ph.D., Rebecca Zill-Miller, Psy.D.

- Conducted psychiatric, cognitive, and academic evaluations with youth in residential care and communicated results to clients' treatment teams
- Wrote assessment reports integrating across measures such as the Wechsler Intelligence Scale for Children, Kaufman Test of

Educational Achievement, Millon Adolescent Clinical Inventory, Children's Depression Inventory, Revised Children's Manifest Anxiety Scale, and UCLA PTSD Reaction Index for Children/Adolescents

June 2019-
May 2024

Comprehensive Psychological Assessments

MSU Psychological Clinic, Michigan State University, East Lansing, MI
Supervisors: June Westdal, Ph.D., Timothy Goth-Owens, Ph.D., Natalie Moser, Ph.D.

- Conducted comprehensive psychological assessments with community youth presenting with concerns such as ADHD, learning disabilities, emotional distress, and intellectual challenges
- Communicated with clients' teachers, school social workers, psychiatrists, and pediatricians and reviewed academic and medical records to better assess functional outcomes across contexts
- Wrote detailed assessment reports integrating across measures such as the Wechsler Intelligence Scale for Children, Wechsler Individual Achievement Test, Delis-Kaplan Executive Function System, Conners Continuous Performance Test, Gray Oral Reading Tests, Comprehensive Test of Phonological Processing, Brief Rating Inventory of Executive Functioning, Vineland Adaptive Behavior Scales, Yale Global Tic Severity Scale, and Mini International Neuropsychiatric Interview

March 2019-
May 2019

Gifted and Talented Assessments

MSU Psychological Clinic, Michigan State University, East Lansing, MI

- Conducted assessments of cognitive performance and academic achievement for school-aged children for the purpose of participating in gifted and talented programming

SUPERVISION EXPERIENCE

January 2023-
June 2023

Peer Supervisor

MSU Psychological Clinic, Michigan State University, East Lansing, MI
Supervisor: Katharine Thakkar, Ph.D.

- Conducted peer supervision with graduate-level clinicians enrolled in Cognitive and Neuropsychological Assessment course
- Evaluated students' cognitive test administration and provided feedback on scoring accuracy, test administration skills, and report writing

- Supervised a graduate-level clinician's administration of giftedness testing

CLINICAL TRAINING AND WORKSHOPS

November 2024	<p>Trauma-Focused Cognitive Behavioral Therapy Instructor: Kristine Buffington, MSW, LISW-S</p> <ul style="list-style-type: none"> • Completed a two-day seminar on TF-CBT, including an overview of the research supporting its efficacy, the inclusion/exclusion criteria, and discussion of each of the model components
July 2023	<p>Trauma Assessment: Children, Adolescents, and Adults Instructors: Alytia Levendosky, Ph.D., Natalie Moser, Ph.D.</p> <ul style="list-style-type: none"> • Completed a seminar covering evidence-based approaches to assessing and treating trauma within a developmental, culturally responsive framework • Learned about common trauma responses, diagnostic considerations, and the impact of familial and contextual factors on symptom trajectories
Oct 2020	<p>Mental Health Services with Transgender Clients: Affirming Practices and Facilitating Access to Gender-Affirming Medical Care Instructors: Phiwa Langeni, Parker Curtis, LPC, Jae Puckett, Ph.D., lore M. Dickey, Ph.D., LP</p> <ul style="list-style-type: none"> • Completed a two-day workshop covering minority stress experienced by gender diverse individuals, particularly in medical and other healthcare settings, as well as how to support gender diverse clients who are seeking to medically affirm their gender
Nov 2019	<p>Human Trafficking Seminar Instructor: Bridgette Carr, Ph.D.</p> <ul style="list-style-type: none"> • Engaged in a seminar covering how to assess for human trafficking, make reports to law enforcement, and identify resources available for survivors
Oct 2018	<p>Competency-Based Clinical Supervision Training Instructor: Carol Falender, Ph.D.</p> <ul style="list-style-type: none"> • Completed a day-long training on the provision of clinical supervision, which covered self-assessment, professionalism, diversity and multiculturalism, and legal and ethical standards

RESEARCH EXPERIENCE

Aug 2018-
May 2024

Graduate Researcher, Clinical Science
Burt Lab, Michigan State University
Faculty Mentor: S. Alexandra Burt, Ph.D.

- Primary research focus on genotype-by-environment interplay with respect to developmental psychopathology
 - Dissertation: The Origins of Antisocial Behavior: Influences of Development and Genotype-Environment Interplay
 - Comprehensive Exam: Continuity and Change in the Development of Youth Antisocial Behavior: A Systematic Review
 - Doctoral Committee members: S. Alexandra Burt, Ph.D., Kelly L. Klump, Ph.D., Alytia A. Levendosky, Ph.D., Amber L. Pearson, Ph.D.
 - Master's Thesis: How Do Neighborhood, Familial, and School Disadvantage Alter the Etiology of Children's Antisocial Behavior?
 - Committee members: S. Alexandra Burt, Ph.D., Kelly L. Klump, Ph.D., Amber L. Pearson, Ph.D.
 - Assisted with statistical model development in the study of mitochondrial DNA
 - Oversaw recruitment and data collection for a study of fixed versus growth mindset in child and adolescent twins

2016-
2018

Post-Baccalaureate Research Assistant
Genetics & Human Agency Lab, University of Virginia
Mentor: Eric Turkheimer, Ph.D.

- Trained in behavioral genetic twin modeling using R, *Mplus*, and flexMIRT
- Conducted advanced statistical analyses of large-scale twin data on cognitive ability, personality, and physical health
- Submitted Institutional Review Board protocols and assisted with grant applications

Summer 2016

Intern
Yale Infant Cognition Center, Yale University
Mentor: Karen Wynn, Ph.D.

- Assisted with studies of social cognition in infants and toddlers
- Designed a study investigating theory of mind and in-group biases in toddlers

2015-

Research Assistant

- 2016 Dodson Cognition Lab, University of Virginia
Mentor: Chad Dodson, Ph.D.
- Worked as a research assistant on a study of memory biases
 - Completed a senior honors thesis exploring biases in eyewitness testimony
- Summer 2015 Research Assistant
Child Language and Learning Lab, University of Virginia
Mentor: Vikram Jaswal, Ph.D.
- Assisted with data collection on a study of social understanding in school-aged children
 - Coded data from videotaped sessions and presented results at lab meetings
- 2014 Research Assistant
Program for Anxiety, Cognition and Treatment Lab, University of Virginia
Mentors: Bethany Teachman, Ph.D., Eugenia Gorlin, Ph.D.
- Administered a battery of cognitive assessments to participants reporting elevated levels of anxiety on a screening measure
 - Assisted with a computer-based intervention addressing rumination
 - Co-authored a poster that was presented at the Annual Convention of the Association for Behavioral and Cognitive Therapies

ADVANCED STATISTICAL TRAINING

- Spring 2022 **Longitudinal Structural Equation Modeling**, Michigan State University
Instructor: Amy K. Nuttall, Ph.D.
- Completed a semester-long course on longitudinal modeling in *Mplus*, covering latent growth curve modeling, longitudinal mediation, multigroup modeling, and growth mixture modeling
 - Completed a project applying latent growth curve modeling to longitudinal twin data
- Fall 2021 **Applied Structural Equation Modeling**, Michigan State University
Instructor: Amy K. Nuttall, Ph.D.
- Completed a semester-long course on structural equation modeling in *Mplus*, covering factor analysis, path analysis, moderation, mediation, multilevel structural equation modeling, and assessment of model fit
 - Completed a project examining multilevel mediation in a twin dataset that was enriched for socioeconomic disadvantage

Spring 2021 **Multilevel Modeling**, Michigan State University
Instructor: Debby Kashy, Ph.D.

- Completed a semester-long course on multilevel modeling theory and application
- Topics covered included fundamentals of multilevel modeling, growth curve modeling, dyadic data analysis, and power analysis

July 2019 **Structural Equation Modeling in Behavior Genetics**, Michigan State University
Instructors: S. Alexandra Burt, Ph.D., D. Angus Clark, Ph.D.

- Completed a one-week intensive course on behavioral genetic modeling using *Mplus*
- Coursework covered univariate and bivariate classical twin models, extended univariate and bivariate models, and nuclear twin family models

PROFESSIONAL MEMBERSHIPS

Behavior Genetics Association, *Associate Member, Member of BGA Early Career Network Founding Committee*

Society for Research in Psychopathology, *Associate Member*

TEACHING AND MENTORING

Fall 2023 Invited Guest Lecture, Abnormal Psychology, Michigan State University
Course Instructor: Jason Moser, Ph.D.

Spring 2020 Graduate Teaching Assistant, Introduction to Psychology, Michigan State University
Course Instructor: Paul Curran, Ph.D.

Fall 2019 Graduate Teaching Assistant, Child and Family Psychopathology, Michigan State University
Course Instructor: Alytia Levendosky, Ph.D.

Mentored Research Assistants

2024	Affan Ahmed
2024	Zara Ahmed
2024	Aanika Sanghvi
2024	Sam Poorman, MSU
2023-present	Alaina Di Dio, University of Colorado Boulder

2023	Eva Petroff, MSU
2023	Veronica Van Rossen, MSU
2023	Sanjanasri Pothuraju, MSU
2023	Sarah Stewart, MSU
2022	Nithya Gogineni, MSU
2022	Leya Chambo, MSU
2021	Heather Asuncion, MSU
2021	Allie Lapan, MSU
2021	Shree Mysore, MSU
2021	Sydney Wojczynski, MSU
2019	Ali Tarhini, MSU
2019	Rose Artman, MSU
2019	April Burling, MSU
2019	Desiree Brown, MSU

MEDIA APPEARANCES AND CONTRIBUTIONS

Taylor, H., & Taylor, S. (Hosts). (2022, May 24). Twins & Triplets (No. 006) [Audio podcast episode]. In *Braaaains*. <https://braaaainspodcast.com/episodes/twins-triplets>.

AD HOC REVIEWER

Australian and New Zealand Journal of Psychiatry
Behavior Genetics
Child and Adolescent Psychiatry and Mental Health
Child Development
Child Psychiatry & Human Development
Crime & Delinquency
Developmental Psychology
Development and Psychopathology
European Child & Adolescent Psychiatry
Frontiers in Psychology
Nature Partner Journals Science of Learning
Pediatrics
Psychological Medicine
Translational Psychiatry