#### **MOLLY A. NIKOLAS**

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### **EDUCATIONAL AND PROFESSIONAL HISTORY**

## **Higher Education**

2011 Ph.D. Clinical Psychology

Michigan State University, East Lansing, MI

2010 – 2011 Clinical Psychology Internship

University of Washington School of Medicine/Seattle Children's Hospital

Seattle, WA

2007 M.A., Clinical Psychology

Michigan State University, East Lansing, MI

2002 B.A., *Cum Laude*, Pre-Professional Studies & Psychology

University of Notre Dame, Notre Dame, IN

#### **Professional and Academic Positions**

2023 – present Licensed Psychologist, State of Iowa (#115372)

2019 – present Director of Clinical Training, Department of Psychological and Brain Sciences

University of Iowa

2017 – present Associate Professor, Department of Psychological and Brain Sciences

University of Iowa

2011 – 2017 Assistant Professor, Department of Psychological and Brain Sciences

University of Iowa

#### **Honors and Awards**

2021 Mid-Career Support Award, Society for Research in Adolescence

2016 Journal of Child Psychology and Psychiatry Star Reviewer Award

2012 - 2016 National Institute of Health Mental Health Clinical Loan Repayment Award

2012 Selected Trainee, National Institutes of Health Early Career Scholars Interdisciplinary

Training Program, "Building Careers for Research in Child Maltreatment and Intimate

Partner Violence"

2011	Director's Prize: Nancy Robinson Ph.D. Award for Outstanding Overall Achievement University of Washington School of Medicine
2010	Invited Discussant, Young Researchers, New Ideas Panel, 1st Annual International European Network for the Study of Hyperkinetic Disorders (EUNETHYDIS) Meeting
2009	Children and Adults with Attention-Deficit Hyperactivity Disorder (CHADD) Young Scientist Research Award
2009	Behavioral Genetics Association Travel Award
2008	Phi Kappa Phi, Elected Member
2001	Invited Participant, University of Notre Dame London Program
1998 – 2002	Dean's List, University of Notre Dame

# **Professional Organizations**

American Psychological Association, Division 53 (Clinical Child and Adolescent Psychology)
Association for Psychological Science
International Society for Research in Child and Adolescent Psychopathology
Society for Research on Adolescence
Society for Research in Child Development
International Study for Psychiatric Genetics

## **SCHOLARSHIP**

## **Refereed Publications: Journal Articles**

(Names of my students are underlined); h-index=31, i10 index=40, citations=4913 as of 8/20/2025

## Referred Articles

- \*Weires, E.M., de la Paz. L.M., Whitney, B.M., & Nikolas, M.A. (2025). Emotion dysregulation in college students: Contributions of maladaptive personality traits. *Journal of Psychopathology and Behavioral* Assessment. <a href="https://doi.org/10.1007/s10862-025-10243-7">https://doi.org/10.1007/s10862-025-10243-7</a>
- \*Eadeh, H.M., & Nikolas, M.A. (2025). Multi-method assessment of self-regulation as a moderator of the associations between social support and service use with mental health in LGBTQ+ emerging adults. Emerging Adulthood, 14, 1013-1026. <a href="https://doi.org/10.1177/21676968251341600">https://doi.org/10.1177/21676968251341600</a>
- 3. \*Nikolas, M.A., & Martel, MM. (in press). New insights in identifying proximal mechanisms of impulsivity: The advantages of ecological momentary assessment. *Journal of Psychopathology and Behavioral Assessment*. \*\* Introduction to the special issue forthcoming in 2025\*\*
- 4. \*de la Paz, L., Whitney, B.M., Weires, E., & Nikolas, M.A. (2025). A meta-analytic review of cognitive endophenotypes for ADHD: Comparisons of unaffected relatives and controls. *Journal of Psychopathology and Clinical Science*. Advance online publication. <a href="https://dx.doi.org/10.1037/abn0000985">https://dx.doi.org/10.1037/abn0000985</a>

- 5. \*\*\*\*The Brainstorm Consortium et al. (2023). Trans-ancestry meta-analysis of genome-wide association studies of inhibitory control. *Molecular Psychiatry*.
- \*\*\*\*Nigg, J. T., Karalunas, S. L., Mooney, M. A., Wilmot, B., Nikolas, M. A., Martel, M. M., Tipsord, J., Nousen, E. K., Schmitt, C., Ryabinin, P., Musser, E. D., Nagel, B. J., & Fair, D. A. (2023). The Oregon ADHD-1000: A new longitudinal data resource enriched for clinical cases and multiple levels of analysis. Developmental Cognitive Neuroscience, 60, 101222.
- 7. \*de la Paz, L., Mooney, M. A., Ryabinin, P., Neighbor, C., Antovich, D., Nigg, J. T., & **Nikolas, M. A.** (2023). Youth Polygenic Scores, Youth ADHD Symptoms, and Parenting Dimensions: An Evocative Gene-Environment Correlation Study. *Research on Child and Adolescent Psychopathology*.
- 8. \*Momany, A.M., Jasper, E., Markon, K.E., **Nikolas, M.A.,** & Ryckman, K. (2023). Latent class analysis to characterize neonatal risk for neurodevelopmental differences. *Journal of Child Psychology and Psychiatry*, 64, 100-109.
- 9. \*Eadeh, H.-M., Breaux, R., Boyd-Rogers, C., Priest, J. B., & **Nikolas, M. A.** (2023). Self-regulation in gender and sexual orientation diverse adults: Exploring patterns of risk and resilience using a person-centered approach. *Journal of LGBTQ Issues in Counseling*, 17, 22–39.
- \*\*Mooney, M. A., Neighbor, C., Karalunas, S., Dieckmann, N. F., Nikolas, M., Nousen, E., Tipsord, J., Song, X., & Nigg, J. T. (2022). Prediction of Attention-Deficit/Hyperactivity Disorder Diagnosis Using Brief, Low-Cost Clinical Measures: A Competitive Model Evaluation. Clinical Psychological Science.
- 11. \*\*\*\*O'Neal, E. E., Rahimian, P., Jiang, Y., Zhou, S., **Nikolas, M.**, Kearney, J. K., & Plumert, J. M. (2022). How do child ADHD symptoms and oppositionality impact parent-child interactions when crossing virtual roads? *Journal of Pediatric Psychology*, 47, 337–349.
- 12. \*Kamradt, J. M., Eadeh, H.-M., & **Nikolas, M. A.** (2022). Sluggish cognitive tempo as a transdiagnostic link between adult ADHD and internalizing Symptoms. *Journal of Psychopathology and Behavioral Assessment*, 44, 699–712.
- 13. \*Eadeh, H.-M., Breaux, R., & **Nikolas, M. A.** (2021). A meta-analytic review of emotion regulation focused psychosocial interventions for adolescents. *Clinical Child and Family Psychology Review*, *24*, 684–706.
- 14. \*Eadeh, H.-M., Markon, K. E., Nigg, J. T., & **Nikolas, M. A.** (2021). Evaluating the viability of neurocognition as a transdiagnostic construct using both latent variable models and network analysis. *Research on Child and Adolescent Psychopathology*, 49, 697–710.
- 15. \*Marshall, P., Hoelzle, J., & **Nikolas, M.** (2021). Diagnosing Attention-Deficit/Hyperactivity Disorder (ADHD) in young adults: A qualitative review of the utility of assessment measures and recommendations for improving the diagnostic process. *The Clinical Neuropsychologist*, *35*, 165–198.
- 16. \*\*Mooney, M. A., Bhatt, P., Hermosillo, R. J. M., Ryabinin, P., **Nikolas, M.**, Faraone, S. V., Fair, D. A., Wilmot, B., & Nigg, J. T. (2021). Smaller total brain volume but not subcortical structure volume related to common genetic risk for ADHD. *Psychological Medicine*, *51*(8), 1279–1288.
- 17. \*Momany, A.M., Lussier, S., **Nikolas, M.A.**, & Stevens, H. (2021). Telomere length and ADHD symptoms in young adults. *Journal of Attention Disorders*, 25, 906-919.

- 18. \*Eadeh, H.-M., Breaux, R., Langberg, J. M., **Nikolas, M. A.**, & Becker, S. P. (2020). Multigroup multilevel structure of the child and parent versions of the Positive and Negative Affect Schedule (PANAS) in adolescents with and without ADHD. *Psychological Assessment*, 32(4), 374–382.
- 19. \*Nikolas, M.A., Marshall, P., & Hoelzle, J. (2019). The role of neurocognitive measures in the diagnosis of attention-deficit hyperactivity disorder in adults. *Psychological Assessment*, *31*, 685-698.
- 20. \*Kamradt, J.M., Nikolas, M.A., Burns, G.L., Garner, A.A., Jarrett, M.A., Luebbe, A.M., & Becker, S.P. (2019). Barkley Deficits in Executive Function Scale: Validation in a large multi-site college sample. *Assessment*.
- 21. \*\*\*\*The Brainstorm Consortium et al. (2018). Analysis of shared heritability in common disorders of the brain. *Science*, *360*, eeap8757. doi:10.1126/science.aap8757
- 22. \*Kamradt, J.M., Momany, A.M., & Nikolas, M.A. (2018). Sluggish cognitive tempo symptoms contribute to heterogeneity in adult attention-deficit hyperactivity disorder. *Journal of Psychopathology and Behavioral Assessment*, 40, 206-223.
- 23. \*Momany, A.M., Kamradt, J.M., & Nikolas, M.A. (2018). A meta-analysis of the association between birth weight and attention-deficit hyperactivity disorder. *Journal of Abnormal Child Psychology*, 46, 1409-1426.
- 24. \*Kamradt, J.M., Momany, A.M., & **Nikolas, M.A.** (2018). A meta-analytic review of the association between cortisol reactivity in response to a stressor and attention-deficit hyperactivity disorder. *ADHD: Attention-Deficit Hyperactivity Disorder*, *10*, 99-111.
- 25. \*Elmore, A.L., **Nikolas, M.A.**, & Canu, W. (2017). Cognitive expectancies and valuations mediate links between ADHD behaviors and problematic alcohol use. *ADHD: Attention-Deficit Hyperactivity Disorder*, 10, 65-75.
- 26. \*\*\*Ullsperger, J.M., & Nikolas, M.A. (2017). A meta-analytic review of the association between pubertal timing and psychopathology in adolescence: Are there sex differences in risk? *Psychological Bulletin*, 143, 903-938.
- 27. \*Nikolas, M.A. & Momany, A.M. (2017). *DRD4* variants moderate the impact of parental characteristics on attention-deficit hyperactivity disorder: Evidence from a multiplex family design. *Journal of Abnormal Child Psychology*, 45, 429-442. doi: 10.1007/s10802-017-0264-y
- 28. \*\*\*\*Kim, D.S., Burt, A.A., Ranchalis, J.E., Wilmot, B., Smith, J.D., Patterson, K.E., Coe, B.P., Bamshed, M.J., **Nikolas, M.A.**, Eichler, E.E., Swanson, J.M., Nigg, J.T., Nickerson, D.A., Jarvik, G.P., on behalf of the University of Washington Center for Mendelian Genomics. (2017). Sequencing of sporadic attention-deficit hyperactivity disorder identifies novel and potentially pathogenic *de novo* variants and excludes overlap of genes associated with autism spectrum disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 174, 381-389.
- 29. \*Momany, A.M., Kamradt, J.M., Ullsperger, J.M., Elmore, A.L., Nigg, J.T., & Nikolas, M.A. (2017). Sex moderates the impact of birth weight on child externalizing psychopathology. *Journal of Abnormal Psychology*, 126, 244-256.

- 30. \*Kamradt, J.M., Nigg, J.T., Friderici, K.,H., & **Nikolas, M.A.** (2017). Neuropsychological performance measures as intermediate phenotypes for attention-deficit hyperactivity disorder: A multiple mediation analysis. *Development and Psychopathology*, *29*, 259-272.
- 31. \*Wiggs, K., Elmore, A.L., Nigg, J.T., & **Nikolas, M.A.** (2016). Prenatal health risk for child externalizing disorders: Does neuropsychological weakness explain the link? *Journal of Abnormal Child Psychology*, 44, 1473-1485.
- 32. \*Elmore, A.L., Nigg, J.T., Friderici, K.H., Jerginan, K., & **Nikolas, M.A.** (2016). Does 5HTTLPR genotype moderate the impact of the family environment on child attention-deficit hyperactivity disorder symptomatology? *Journal of Clinical Child and Adolescent Psychology*, 45, 348-360.
- 33. \*Nigg, J.T., <u>Elmore, A.L.</u>, Natarajan, N., Friderici, K.H., & **Nikolas, M.A.** (2016). Variation in an iron metabolism gene moderates the association between blood lead levels and attention-deficit hyperactivity disorder in children. *Psychological Science*, *27*, 257-269.
- 34. \*Nikolas, M.A., Elmore, A.L., Franzen, L., O'Neal, E., Kearney, J., & Plumert, J. (2016). Risky bicycling behavior among youth with and without attention-deficit hyperactivity disorder. *Journal of Child Psychology and Psychiatry*, *57*, 141-148.
- 35. \*Wallace, A. L., Ullsperger, J.M., & **Nikolas**, **M.A.** (2016). Do personality traits explain the association between childhood attention-deficit hyperactivity disorder symptoms and substance use and problems in young adults? *Personality and Individual Differences*, *92*, 22-28.
- 36. \*Ullsperger, J.M., Nigg, J.T., & Nikolas, M.A. (2016). Does child temperament play a role in the association between poor parenting practices and child ADHD? *Journal of Abnormal Child Psychology*, 44, 167-178.
- 37. \*\*Martel, M.A., Schimmack, U., **Nikolas, M.A**., & Nigg, J.T. (2015). Integration of symptom rating from multiple informants in ADHD: A psychometric model with clinical utility. *Psychological Assessment*, *27*, 1060-1071.
- 38. **Nikolas, M.A.**, Klump, K.L., & Burt, S.A. (2015). Parental involvement moderates etiological mechanisms on attention-deficit hyperactivity disorder behaviors in child twins. *Child Development*, 86, 224-240.
- 39. \*Nikolas, M.A., & Nigg, J.T. (2015). Moderators of neuropsychological mechanism in ADHD. *Journal of Abnormal Child Psychology*, 43, 271-281.
- 40. \*Kamradt, J.M., Ullsperger, J.M., & **Nikolas, M.A.** (2014). Executive function assessment and adult attention deficit hyperactivity disorder: Tasks versus ratings on the Barkley Deficits in Executive Function Scale. *Psychological Assessment*, *26*, 1095-1105.
- 41. \*Nikolas, M.A., & Nigg, J.T. (2013). Neuropsychological performance and attention-deficit hyperactivity disorder subtypes and symptom dimensions. *Neuropsychology*, *27*, 107-120.
- 42. \*Nikolas, M.A., Klump, K.L., & Burt, S.A. (2013). Etiological contributions to the covariation between children's perceptions of inter-parental conflict and child behavior problems. *Journal of Abnormal Child Psychology*, 41, 239-251.

- 43. \*\*Martel, M.M., **Nikolas, M.A.**, Jernigan, K., Friderici, K., & Nigg, J.T. (2012). Diversity in pathways to common childhood disruptive disorders. *Journal of Abnormal Child Psychology*, 40, 1223-1236.
- 44. \*Nikolas, M.A., Klump, K.L., & Burt, S.A. (2012). Youth appraisals of marital conflict and genetic and environmental contributions to attention-deficit hyperactivity disorder: Examination of GxE effects in a twin sample. *Journal of Abnormal Child Psychology* 40, 543-554.
- 45. \*\*Fair, D.A., Bathula, D., **Nikolas, M.A.**, & Nigg, J.T. (2012). Distinct neuropsychological communities in typically developing youth inform heterogeneity in ADHD. *Proceedings of the National Academy of Science*, 109, 6769-6774.
- 46. \*\*Martel, M.M., **Nikolas, M.A.**, Jernigan, K., Friderici, K., Waldman, I.D., & Nigg, J.T. (2011). DRD4 gene moderates family environmental effects on ADHD. *Journal of Abnormal Child Psychology*, *39*, 1-10.
- 47. Nigg, J.T., **Nikolas, M.A.**, & Burt, S.A. (2010). Measured gene by environment interaction in relation to ADHD. *Journal of the American Academy of Child and Adolescent Psychiatry*, *49*, 863-873.
- 48. \*Nikolas, M.A., Friderici, K., Jernigan, K., Waldman, I., & Nigg, J.T. (2010). Investigation of gene x environment Interactions for ADHD: Synergistic effects of 5HTTLPR genotype and youth appraisals of marital conflict. *Behavioral and Brain Functions*, *6*, 23.
- 49. \*\*Martel, M.M., **Nikolas, M.**, Nigg, J., & Friderici, K. (2010). Personality mediation of genetic effects on attention-deficit hyperactivity disorder. *Journal of Abnormal Child Psychology*, *38*, 633-643.
- 50. \*Nikolas, M.A., & Burt, S.A. (2010). Genetic and environmental influences on ADHD symptom dimensions of inattention and hyperactivity: A meta-analysis. *Journal of Abnormal Psychology*, *119*, 1-17.
- 51. \*\*Nigg, J.T., **Nikolas, M.**, Knotterus, G.M., Cavanaugh, K., & Friderici, K. (2010). Confirmation and extension of association of blood lead with attention-deficit hyperactivity disorder (ADHD) and ADHD symptom domains at population typical exposure levels. *Journal of Child Psychology and Psychiatry*, *51*, 58-65.
- 52. \*\*Nigg, J.T., **Nikolas, M.**, Miller, T., Burt, S.A., Klump, K.L., & von Eye, A. (2009). Factor structure of the child perception of marital conflict scale for studies of youth with externalizing behavior problems. *Psychological Assessment*, *21*, 450-456.
- 53. \*\*Housley, D.J.E., **Nikolas, M.**, Venta, P.J., Jernigan, K.A., Waldman, I.D., Nigg, J.T., & Friderici, K.H. (2009). SNP discovery and haplotype analyses in the segmentally duplicated DRD5 coding region. *Annals of Human Genetics*, *73*, 274-282.
- 54. \*\*Nigg, J.T., Knottnerus, G.M., Martel, M., **Nikolas, M.,** Cavanagh, K., Karmaus, W., & Rappley, M.D. (2008). Low blood lead levels associated with clinically diagnosed attention-deficit hyperactivity disorder (ADHD) and mediated by weak cognitive control. *Biological Psychiatry*, *63*, 325-331.
- 55. \*\*\*Martel, M., **Nikolas, M.**, & Nigg, J. (2007). Executive function in adolescents with ADHD. *Journal of the American Academy of Child and Adolescent Psychiatry*, *46*, 1437-1444.
- 56. \*\*Nigg, J., **Nikolas, M.**, Friderici, K., Park, L., & Zucker, R. (2007). Genotype and neuropsychological response inhibition as resilience promoters for ADHD, ODD, and CD under conditions of psychosocial adversity. *Development and Psychopathology*, *19*, 767-786.

## Manuscripts in Review

- \*Tharaud, J.B. & **Nikolas, M.A.** (revise and resubmit). Emotion regulation as a transdiagnostic link between ADHD and depression symptoms: Evidence from a network analysis of youth in the ABCD study.
- \*Leman, T., & **Nikolas, M.A.** (revision under review). Social problems and youth externalizing psychopathology in the ABCD cohort: A network analysis.
- \*Nikolas, M.A., de la Paz, L.M., Whitney, B.M., Tharaud, J.B., & Weires, E.M. (revision under review special issue invitation). Contributions to momentary variability in ADHD symptoms among college students.
- \*Nikolas, M.A., <u>de la Paz, L.M.,& Whitney, B.M.</u> (revise and resubmit). Neurocognitive functioning predicts persistence of ADHD symptoms into adulthood.
- \*Nikolas, M.A., & Whitney, B.M. (revision under review). Dimensional indices of attention-deficit hyperactivity disorder persistence in young adults.
- \*Mooney, M., Nousen, E., Ryabanin, P., Karalunas, S., Faraone, S., Nigg, J.T., & **Nikolas, M.A.** (in review. Testing between and within-family effects of pre- and perinatal health risk for ADHD across Oregon-1000 and ABCD.

## Manuscripts in Preparation

- \*Nikolas, M.A., de la Paz, L.M, Nousen, E., Ryabanin, P., Rounds, E., Karalunas, S., Faraone, S., Nigg, J.T., & Mooney, M. (in preparation). Contributions of pre-and perinatal risk factors and polygenic risk for ADHD: Testing GxE effects in the Oregon-ADHD-1000 Cohort and Adolescent Brain Cognitive Development Study.
- \*de la Paz, L.M, Nousen, E., Ryabanin, P., Rounds, E., Karalunas, S., Faraone, S., Nigg, J.T., Mooney, M., & **Nikolas, M.A.** (in preparation). Bidirectional effects of positive and negative parenting and youth ADHD from childhood through adolescence.
- \*Tharaud, J.B, **Nikolas, M.A.**, & Michaelson, J. (in preparation). Polygenic risk scores for ADHD predict youth emotion regulation in the ABCD study.
- \*Nikolas, M.A., de la Paz, L., Tharaud, J., & Weires, E. (in preparation). Early pubertal timing predicts momentary measures of psychopathology in early adolescents.
- \*de la Paz, L., Tharaud, J. & Nikolas, M.A. (in preparation). Examining the role of positive and negative child behaviors as predictors of daily parental involvement and harsh parenting.

# **Book Chapters**

- 1. \*Whitney, B.M., **Nikolas, M.A.**, & Tranel, D. (2024). Psychopathology: A neurobiological perspective. In: J.E. Maddux & B.A. Winstead (Eds.), *Psychopathology: Foundations for a contemporary understanding, 6<sup>th</sup> edition*. New York: Routledge/Taylor & Francis.
- 2. \*Nikolas, M.A., Markon, K.E., & Tranel, D. (2019). Psychopathology: A neurobiological perspective. In: J.E. Maddux & B.A. Winstead (Eds.), *Psychopathology: Foundations for a contemporary understanding, 5<sup>th</sup> edition*, (pp. 19-57). New York: Routledge/Taylor & Francis.

- 3. \*Momany, A.M., & Nikolas, M.A. (2016). Gene-environment interplay in developmental psychopathology. In V. Zeigler-Hill & T.K. Shackelford (Eds) *Encyclopedia of personality and individual differences* (pp.1-5). New York: Springer Nature. doi: 10.1007/978-3-319-28099-8 2274-1
- 4. \*Nikolas, M.A. (2015). Comorbidity among externalizing spectrum disorders. T.P. Beauchaine and S.P. Hinshaw (Eds.) Oxford handbook of externalizing spectrum disorders (pp. 461-484). New York: Oxford University Press.
- 5. \*Nikolas, M.A., Markon, K.E., & Tranel, D. (2015). Psychopathology: A neurobiological perspective. In: J.E. Maddux & B.A. Winstead (Eds.), *Psychopathology: Foundations for a contemporary understanding,* 4<sup>th</sup> edition. (pp. 27-58). New York: Routledge/Taylor & Francis.
- 6. \*Nikolas, M.A., & Hopwood, C.(2013). Disordered gambling and personality traits. In D.C.S. Richard, A. Blaszczynski, and L. Nower (Eds.), *Wiley-Blackwell Handbook of Disordered Gambling*, (pp.117-131). Hoboken, New Jersey: Wiley-Blackwell.
- 7. \*Klahr, A.M., **Nikolas, M.**, & Burt, S.A. (2012). Developmental Psychopathology. In V. Ramachandran (Ed.) *Encyclopedia of Human Behavior*. 2<sup>nd</sup> *Edition*. Oxford, UK: Elsevier.
- 8. \*\*Nigg, J., Martel, M.M., & **Nikolas, M.**, & Casey, B.J. (2010). Intersection of emotion and cognition in developmental psychopathology. In S.D Calkins and M.A. Bell (Eds). *Child Development and the Intersection of Emotion and Cognition* (pp. 225-245). Washington, D.C.: American Psychological Association.
- 9. \*\*Nigg, J., & **Nikolas, M.** (2008). Attention-deficit hyperactivity disorder. In T. Beauchaine and S. Hinshaw (Eds). *Child and Adolescent Psychopathology* (pp.301-334). Hoboken, NJ: John Wiley, & Sons.

### Other Publications

\*Nikolas, M.A. (2015). Beyond nature versus nurture: The future of gene-environment interplay research in psychiatry. *Psychiatric Times*.

#### **Presentations**

- \*Nikolas, M.A., de la Paz, L.M, Nousen, E., Ryabanin, P., Rounds, E., Karalunas, S., Faraone, S., Nigg, J.T., & Mooney, M. (2025, June). Pre and Perinatal Health Factors and Youth Attention-Deficit Hyperactivity Disorder: Exploration of Gene-Environment Interplay Effects Across the Oregon-1000 and Adolescent Brain Cognitive Development (ABCD) Cohorts. Senior research presentation to be given at the 2025 biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, Vancouver, British Columbia.
- 2. \*de la Paz, L.M., Nousen, E., Ryabanin, P., Nigg, J.T., Mooney, M., & **Nikolas, M.A.** (2025, June). Longitudinal Relations Between Parenting and Youth ADHD Symptoms from Middle Childhood Through Adolescence. Poster to be presented at the 2025 biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, Vancouver, British Columbia.
- 3. \*Tharaud, J.B., & Nikolas, M.A. (2025, June). Emotion Regulation as a Transdiagnostic Link Between ADHD and Depression Symptoms: Evidence from a Network Analysis of Youth in the ABCD Study. Junior

- oral presentation to be given at the 2025 biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, Vancouver, British Columbia.
- 4. \*Nikolas, M.A., de la Paz, L.M, Nousen, E., Ryabanin, P., Rounds, E., Karalunas, S., Faraone, S., Nigg, J.T., & Mooney, M. (2025, May). Pre and Perinatal Health Factors, Genetic Risk, and Youth Attention-Deficit Hyperactivity Disorder Symptom Trajectories: Leveraging a Person-Specific Approach in the Oregon-1000 Cohort. Invited paper presentation to be given at the 10<sup>th</sup> World Congress on ADHD, Prague, Czech Republic.
- 5. \*Nikolas, M.A., de la Paz, L., Tharaud, J., & Weires, E. (2024, June). Early pubertal timing predicts momentary measures of psychopathology in early adolescents. Paper to be presented at the 2024 meeting of the Society for Ambulatory Assessment, Ann Arbor, MI.
- 6. \*de la Paz, L., Tharaud, J. & Nikolas, M.A. (2024, June). Examining the role of positive and negative child behaviors as predictors of daily parental involvement and harsh parenting. Poster to be presented at the 2024 meeting of the Society for Ambulatory Assessment, Ann Arbor, MI.
- 7. \*Tharaud, J, de la Paz, L., & Nikolas, M.A. (2024, June). Associations between momentary positive and negative affect and internalizing symptoms in adolescents with ADHD: An ecological momentary assessment study. Poster to be presented at the 2024 meeting of the Society for Ambulatory Assessment, Ann Arbor, MI.
- 8. \*Weires, E., & Nikolas, M.A. (2024, June). Momentary measures of meaning in life as predictors of hopelessness in college students. Paper to be presented at the 2024 meeting of the Society for Ambulatory Assessment, Ann Arbor, MI.
- 9. \*Leman, T., & Nikolas, M.A. (2024, April). Social problems and youth externalizing psychopathology in the ABCD cohort: A network analysis. Paper to be presented at the Midwestern Psychological Association Meeting, Chicago, IL.
- \*Gilbertson, L.A. & Nikolas, M.A. (2024, April). Associations between childhood adversity and early pubertal timing in the Adolescent Brain Cognitive Development Study. Poster to be presented at the Midwestern Psychological Association Meeting, Chicago, IL. (Summer 2023 SROP Student)
- 11. \*Weires, E., de la Paz, L., & Nikolas, M.A. (2024, April). Contributions of maladaptive personality traits and momentary negative affect to emotion dysregulation in college students. Poster to be presented at the Midwestern Psychological Association Meeting, Chicago, IL.
- 12. \*Nikolas, M.A. (2024, March). Linking childhood adversity and environmental exposures to adolescent internalizing and externalizing problems in the ABCD Cohort: The mediating role of early pubertal timing. Poster presented at the inaugural Insights and Innovation Meeting of the Adolescent Brain Cognitive Development Study, National Institutes of Health, Bethesda, MD.
- 13. \*Weires, E., de la Paz, L.M., & **Nikolas, M.A.** (2023, November). Contributions of maladaptive personality traits and momentary negative affect to emotion regulation problems in college students. Poster presented at the 2023 Fall Undergraduate Research Festival, University of Iowa.
- 14. \*Guerra, M., Tharaud, J.M., & **Nikolas, M.A.** (2023, November). Associations between household chaos, ADHD, and depression in youth: The mediating role of emotion dysregulation. Poster presented at the 2023 Fall Undergraduate Research Festival, University of Iowa.

- 15. \*de la Paz, L., Mooney, M., Ryabinin, P., Neighbor, C., Antovich, D., Nigg, J.T., & **Nikolas, M.A.** (2023, June). Youth polygenic scores, youth ADHD symptoms, and parenting dimensions: A gene-environment correlation study. Junior Oral Paper presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, London, U.K.
- 16. \*Nikolas, M.A., de la Paz, L., & Whitney, B.M. (2023, June). Pubertal Timing and Momentary Internalizing and Externalizing Symptoms in Early Adolescence: Variation in Associations by Informant. In S. Karalunas (chair) Contributions of Momentary Assessment to Understanding Within- and Between-Person Variation in Emotion Dysregulation and ADHD. Paper presented at the biennial meeting of the International Society for Research in Child and Adolescent Psychopathology, London, U.K.
- 17. \*Nikolas, M.A. & de la Paz, L. (2022, March). Pubertal timing effects on mental health in the Adolescent Brain Development Study: Moderation by socioeconomic status and area deprivation index. Paper presented at the 2021 annual meeting of the Society for Research in Adolescence.
- 18. \*Eadeh, H.M., & **Nikolas, M.A.** (2021, June). Identity centrality, risk, and resilience: Examining heterogeneity within sexual and gender minority individuals. Flash talk given at the annual meeting of the Association for Psychological Science.
- 19. \*Nikolas, M.A., Momany, A.M., Wilmot, B., & Nigg, J.T. (2018, October). What explains polygenic risk for ADHD? Evaluation of total and subcortical brain volumes. Paper presented at the 2018 annual meeting of the American Academy of Child and Adolescent Psychiatry, Seattle, WA.
- 20. \*Nikolas, M.A. (2018, April). Early pubertal timing impacts developmental trajectories of depression and delinquency from adolescence through adulthood. In M.A. Nikolas (chair) Getting to the How and Why of the Puberty-Psychopathology Connection. Paper presented at the 2018 meeting of the Society for Research in Adolescence, Minneapolis, MN.
- 21. \*Ullsperger, J.M., & **Nikolas, M.A.** (2018, April). Pubertal timing effects on ADHD: Exploring sex-specific pathways and mechanisms of risk. In M.A. Nikolas (chair) *Getting to the How and Why of the Puberty-Psychopathology Connection*. Paper presented at the 2018 meeting of the Society for Research in Adolescence, Minneapolis, MN.
- 22. \*Momany, A.M., Lussiter, S., **Nikolas, M.A.**, & Stevens, H. (2016, October). Attention-deficit hyperactivity disorder and telomere length in young adults. Poster presented at the 63<sup>rd</sup> Annual Meeting of the American Academy of Child and Adolescent Psychiatry, New York, NY.
- 23. \*Kamradt, J.M., Momany, A.M., & Nikolas, M.A. (2016, October). Sluggish cognitive tempo symptoms and heterogeneity in neuropsychological performance among adults with attention-deficit hyperactivity disorder. In S. Becker (chair) *Toward a Life Span Understanding of Sluggish Cognitive Tempo (SCT): Internal and External Validity of SCT in Adolescents and Adults*. Paper presented at the 2016 annual meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.
- 24. \*Ullsperger, J.M., & Nikolas, M.A. (2016, March). A meta-analytic review of the association between pubertal timing and psychopathology in adolescence: Are there sex differences in risk? Poster presented at the biennial meeting of the Society for Research in Adolescence, Baltimore, MD.
- 25. \*Nikolas, M.A. (2015, July). Gene x environment interaction effects predict ADHD persistence and

- neurocognitive dysfunction." Paper presented at the Seventeenth Biennial Meeting of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
- 26. \*Ullsperger, J.M., & Nikolas, M.A. (2015, July). The impact of early pubertal timing on sex differences in risk for psychopathology among adolescents. Poster presented at the Seventeenth Biennial Meeting of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
- 27. \*Elmore, A.L., & Nikolas, M.A. (2015, July). Unraveling interactions among neuropsychological deficits in attention-deficit hyperactivity disorder. Poster presented at the Seventeenth Biennial Meeting of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
- 28. \*Momany, A.M., Nikolas, M.A., Klump, K.L., & Burt, S.A. (2015, July). Etiological contributions to the covariation between ADHD and CD: Moderation by age? Poster presented at the Seventeenth Biennial Meeting of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
- 29. \*Kamradt, J.M., & Nikolas, M.A. (2015, July). Neuropsychological performance and temperament traits as viable intermediate phenotypes for ADHD. Poster presented at the Seventeenth Biennial Meeting of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
- 30. \*Ullsperger, J.M., Nikolas, M.A., Klump, K.L., & Burt, S.A. (2015, March). Etiological associations between parenting and children's psychopathology: A role for evocative gene-environment correlation? Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- 31. \*Elmore, A.L., Nigg, J.T., Friderici, K.H., & **Nikolas, M.A.** (2015, March). 5HTTLPR genotype moderates links among family functioning and child temperament among youth with ADHD. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- 32. \*Nikolas, M.A., & Nigg, J.T. (2014, March). The impact of pubertal development on etiological mechanisms and comorbidity of attention-deficit hyperactivity disorder in adolescence. In M.A. Nikolas (Chair), *Illuminating sex differences in adolescent psychopathology: The role of pubertal development and gonadal hormones.* Paper presented at the biennial meeting of the Society for Research in Adolescence, Austin, TX.
- 33. \*Elmore, A., & Nikolas, M.A. (2013, June). Unraveling relationships between family functioning, ADHD, and comorbid externalizing disorders: Specificity of effects. Poster presented at the Sixteenth Biennial Meeting of the International Society for Research in Child and Adolescent Psychopathology, Leuven, Belgium.
- 34. \*Ullsperger, J., & Nikolas, M.A. (2013, June). Does child temperament play a role in the relationship between parenting practices and ADHD symptoms? Poster presented at the Sixteenth Biennial Meeting of the International Society for Research in Child and Adolescent Psychopathology, Leuven, Belgium.
- 35. \*Nikolas, M.A., Friderici, K.H., & Nigg, J.T. (2013, June). Dopamine genes and pre-and perinatal risk factors for attention-deficit hyperactivity disorder: Evidence of gene x environment interactions. Paper presented at the Sixteenth Biennial Meeting of the International Society for Research in Child and Adolescent Psychopathology, Leuven, Belgium.
- 36. \*Nikolas, M.A., & Nigg, J.T. (2013, April). Differential genetic loading and sex-specific sensitivity to prenatal substance exposures: Illuminating sex differences in ADHD. In M.A. Nikolas (Chair) *Development*

- of sex differences in externalizing psychopathology: Familial risk, prenatal exposures, and temperament trait mechanisms. Paper presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- 37. \*Nikolas, M.A., Klump, K.L., & Burt, S.A. (2013, April). Parental involvement as a moderator of etiological influences on ADHD behaviors: Investigation of gene-environment interplay using child twin methodology. InB. D'Onofrio (Chair), *Using genetically informed studies to understand the etiology of neurodevelopmental problems in childhood*. Paper presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- 38. \*Martel, M.M., **Nikolas, M.A.**, & Nigg, J.T. (2013, April). Does temperament mediate the relationship between ADHD symptoms and substance use symptoms in adolescence? In B. Molina (Chair), *Understanding the development of substance use problems in adolescents and young adults with attention deficit/hyperactivity disorder*. Paper presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- 39. \*Myhre, N., & Nikolas, M.A. (2013, April). Interactions between DRD4 genotype and inconsistent parenting predict neuropsychological performance in ADHD youth. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- 40. \*Nikolas, M.A., & Nigg, J.T. (2012, October). *Unraveling the relationship between childhood attention-deficit hyperactivity disorder and substance use disorders in adolescence and young adulthood*. Paper presented at the 2012 Themed Meeting of the Society for Research in Child Development: Transitions from Adolescence to Adulthood, Tampa, FL.
- 41. \*Nikolas, M., Klump, K.L., & Burt, S.A. (2010, October). Etiology of the comorbidity between attention-deficit hyperactivity disorder and conduct disorder: Moderation by age? Poster presented at the Twenty-Fourth Annual Meeting of the Society for Research in Psychopathology, Seattle, Washington.
- 42. \*Nikolas, M., & Nigg, J.T. (2010, May). *Neuropsychological functioning and DSM-IV ADHD subtypes.*Paper presented at the 1<sup>st</sup> International Meeting of the European Network for Hyperkinetic Disorders (EUNETHYDIS), Amsterdam, the Netherlands.
- 43. \*Nigg, J.T., **Nikolas, M.**, & Friderici, K. (2009, October). *Progress on ADHD mechanisms.* Paper presented at the 56<sup>th</sup> Annual meeting of the American Academy of Child and Adolescent Psychiatry, Honolulu, Hawaii.
- 44. \*Nikolas, M., Nigg, J.T., Waldman, I.D., & Friderici, K.H. (2009, June). *Investigation of GxE effects for ADHD: Synergistic effects of 5HTTLPR genotype and youth appraisals of marital conflict.* Paper presented at the 19<sup>th</sup> meeting of the International Society for Research in Child and Adolescent Psychopathology, Seattle, Washington.
- 45. \*Nikolas, M., Klump, K.L, & Burt, S.A. (2009, June). *Marital conflict moderates genetic and environmental influences on ADHD: Investigation of GxE effects in a twin sample.* Poster presented at the 19<sup>th</sup> meeting of the International Society for Research in Child and Adolescent Psychopathology, Seattle, Washington.

- 46. \*Nikolas, M., & Burt, S.A. (2009, June). *Genetic and environmental influences on ADHD symptom domains of inattention and hyperactivity: A meta-analysis.* Paper presented at the 2009 meeting of the Behavioral Genetics Association, Minneapolis, Minnesota.
- 47. \*Nikolas, M., Martel, M., Nigg, J., & Friderici, K. (2009, April). Relationships among executive functioning, ADHD subtype diagnoses, and dopamine transporter genotype. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, Colorado.
- 48. \*\*Martel, M.M., **Nikolas, M.**, & Nigg, J. (2009, April). *Personality mediation of catecholamine association with attention-deficit hyperactivity disorder.* Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, Colorado.
- 49. \*Nikolas, M., Nigg, J., & Friderici, K. (2008, February). Dopamine transporter genotype as a moderator of the relationship between executive function and ADHD symptoms in adolescence. Paper presented at the 20<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
- 50. \*Nikolas, M., Nigg, J., Friderici, K. (2007, October). *Genotypes of the catecholamine pathway moderate* relation of environmental pollutants with ADHD. Paper presented at the 15<sup>th</sup> Annual meeting of the World Congress on Psychiatric Genetics, New York, New York.
- 51. \*Nikolas, M., Nigg, J., & Friderici, K. (2007, June). *Genetic and psychosocial risk factors for externalizing disorders in adolescence: More evidence of G x E effects.* Poster presented at the 18<sup>th</sup> meeting of the International Society of Child and Adolescent Psychopathology, London, England.
- 52 \*Nikolas, M., Nigg, J., & Friderici, K. (2007, March). *Genetic and environmental risk factors in the development of ADHD and associated disruptive behavior disorders.* Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, Massachusetts.
- 53. \*Nikolas, M., Martel, M., & Nigg, J. (2007, February). *Executive functioning in adolescents with attention deficit hyperactivity disorder.* Paper presented at the 19<sup>th</sup> annual meeting for the International Neuropsychological Society, Portland, Oregon.
- 54. \*Nikolas, M., Nigg, J., Housley, D., Friderici, K., & Waldman, I. (2006, October). Associations between the dopamine beta-hydroxylase gene and ADHD using a whole-gene approach: Marker selection strategies and preliminary findings. Poster presented at the 7<sup>th</sup> Annual Meeting of the ADHD Molecular Genetics Network, Brussels, Belgium.
- 55. \*Nikolas, M., Friderici, K., & Nigg, J. (2006, October). *Genes and endophenotypes for ADHD, oppositional, and conduct problems: Specificity of pathways.* Poster presented at the 17<sup>th</sup> Annual Eunethydis Meeting, Brugge, Belgium.
- 56. \*\*Levine, S.C., Brasky, K.M., & **Nikolas, M.A.** (2005). *The role of gesture in the early language development of brain-injured children.* Part 3 of Role of Gesture in Language Development Symposia given at the International Congress for the Study of Child Language (IASCL) Meeting, Berlin, Germany.
- 57. \*\*Brasky, K.M., **Nikolas, M.A.**, Meanwell, C.A., Levine, S.C., & Goldin-Meadow, S.J. (2005). *Language development in children with early unilateral brain injury: Effects of lesion size.* Poster presented at the Society for Research in Child Language Disorders (SRCLD) Meeting, Madison, Wisconsin.

### Invited Lectures and Presentations

- Nikolas, M.A. (2024, February). Driven to distraction: Understanding ADHD among adolescents.
   Presentation given to the Scanlan Center for School Mental Health, College of Education, University of Iowa.
- 2. **Nikolas, M.A.** (2024, January). Growing up with ADHD: Developmentally informed approaches for diagnosis and treatment. Presentation given to the Stead Family Children's Hospital Pediatrics and Iowa Pediatric Mental Health Collaborative.
- 3. **Nikolas, M.A.** (2023, April). *Unraveling ADHD: Facts, Myths, and Perspectives from 21st Century Psychological Science*. Presentation given to the Scanlan Center for School Mental Health, College of Education, University of Iowa.
- 4. **Nikolas, M.A.** (2021, October). *Digital media use and ADHD symptoms in adolescents and young adults*. Presentation given at the annual meeting of the Midwestern chapters of CHADD (Children and Adolescents with Attention-Deficit Hyperactivity Disorder).
- 5. **Nikolas, M.A.** (2020, February). *Advancing genetic discovery in ADHD: Considerations of clinical and etiological heterogeneity*. Presentation given to Child Psychiatry Residents and Fellows, University of Iowa Hospitals and Clinics.
- 6. **Nikolas, M.A.** (2018, February). *Challenges to genetic discovery in ADHD: Clinical heterogeneity, epigenetics, and the promise of big data*. Presentation given to Child Psychiatry Residents and Fellows, University of Iowa Hospitals and Clinics.
- 7. **Nikolas, M.A.** (2016, November). *ADHD grows up: Diagnostic and etiologic challenges*. Presentation given to the Department of Psychology, St. Ambrose University, Davenport, IA.
- 8. **Nikolas, M.A.** (2016, September). *Impact of developmental stressors on the etiology and course of ADHD.* Presentation given as part of the DeLTA Center Symposium on *Stress and Development*.
- 9. **Nikolas, M.A.** (2016, January). *Challenges to genetic discovery in ADHD: Clinical heterogeneity, epigenetics, and the promise of big* data. Presentation given to Child Psychiatry Residents and Fellows, University of Iowa Hospitals and Clinics.
- 10. **Nikolas, M.A.** (2015, January). *Beyond diathesis-stress: Exploring alternative mechanisms of gene-environment interplay for attention-deficit hyperactivity disorder*. Presentation given to the Molecular Psychiatry Interest Group, University of Iowa.
- 11. **Nikolas, M.A.** (2014, June). *Cognitive-behavioral therapy for adult ADHD: Targeting executive dysfunction*. Presentation given as an Academic Salon for the Iowa Psychological Association.
- 12. **Nikolas, M.A.** (2012, November). *Exploring the mechanisms of bicycle injury risk among child cyclists with attention-deficit hyperactivity disorder*. Presentation given to the Executive Council of the Injury Prevention Research Center, College of Public Health, University of Iowa.

- 13. **Nikolas, M.A.** (2012, October). *ADHD grows up: Developmental trajectories of ADHD and implications for assessment diagnosis, etiology, and treatment.* Presentation given as the Inaugural Academic Salon for the Iowa Psychological Association.
- 14. **Nikolas, M.A.** (2012, October). *Gene x environment interactions for ADHD: Indicators of risk or plasticity?* Presentation given for Department of Psychiatry Research Rounds, University of Iowa Hospitals and Clinics.
- 15. **Nikolas, M.A.** (2012, September). *Neuropsychological functioning and ADHD: Illuminating taxonomy and causal mechanisms*. Presentation given for the Clinical Area Rounds, University of Iowa Department of Psychology.
- 16. **Nikolas, M.A.** (2011, October). *Gene x environment interactions for ADHD: Indicators of risk or plasticity?* Presentation given for the Clinical Area Rounds, University of Iowa Department of Psychology.
- 17. **Nikolas, M.A.** (2010, October). Unraveling genetic and environmental influences on child psychopathology. Presented for Clinical Interest Group Colloquium, Department of Psychology, Michigan State University.
- 18. **Nikolas, M.A.** (2010, May). *Neuropsychological functioning and ADHD*. Presented as part of the 1<sup>st</sup> Annual International Meeting of European Network for Hyperkinetic Disorders (EUNETHYDIS), Amsterdam, the Netherlands.
- 19. **Nikolas, M.A.** (2010, February). *Developmental correlates and consequences of attention-deficit hyperactivity disorder*. Presented as part of the Global Burden of Disease Lecture Series, Department of Epidemiology, Michigan State University.

## **Grant Funding**

#### Current

Agency: National Institute of Mental Health (R01 MH131685-01)

Title: Polygenic and environmental contributions to ADHD trajectory and outcome from childhood through

adolescence

Role: Co-Principal Investigator (OHSU PI: Mooney), Iowa Subcontract PI

Direct Costs: \$2,435,707 Period: 02/2023 – 01/2028

Agency: University of Iowa Office of the Provost

Title: Post-Tenure Support Award

Direct Costs: \$30,000 Period: 01/2023 – 12/2025

## Completed

Agency: Society for Research in Adolescence

Title: Impact of Cognitive and Emotion Regulation on Offset Pubertal Timing Risk for Psychopathology

Role: Principal Investigator

Amount: \$35.000

Period: 01/2021 - 6/2024

Agency: Children's Miracle Network

Title: Neurodevelopmental Outcomes of Perinatal Depression

Role: Co-Investigator (PI: Ryckman)

Amount: \$150,000

Period: 01/2018 - 12/2020

Agency: Eunice Kennedy Shriver Institute for Child Health and Human Development F31 HD094529-01A1 Title: Neonatal Morbidities and Psychological Processes Underlying the Association Between Preterm Birth and ADHD

Role: Primary Sponsor (F31 Fellow: Allison Momany)

Funding Period: 07/01/2019 - 12/31/2020

Agency: Minnesota Medical Research Foundation/Shire Pharmaceuticals

Title: Utility and Validity of Cognitive Tests, Behavioral Rating Scales, and Performance Validity Measures in

the Diagnosis of Adult Attention Deficit Disorder

Role: Co-PI (Co-PI: Marshall, Hennepin County Medical Center)

Amount: \$178,738

Period: 01/2015 - 3/2017

Agency: National Science Foundation

Title: CRI: II-EN: Shared Virtual Environments for Studying Social Influences on Risky Cycling and Pedestrian

Behavior

Role: Co-Investigator (PI: Kearney)

Amount: \$356,337

Period: 10/2013 - 09/2014

Agency: University of Iowa Center for Clinical and Translational Science PILOTS Program

Title: The Role of Rare Genetic Variants in Attention-Deficit Hyperactivity Disorder

Role: Principal Investigator (Co-Investigators: Markon, Murray)

Amount: \$50.000

Period: 07/2012 - 06/2013

Agency: University of Iowa Injury Prevention and Research Center Pilot Grant

Title: Exploring the Mechanisms of Bicycle Injury Risk Among Child Cyclists with Attention-

Deficit Hyperactivity Disorder

Role: Principal Investigator (Co-Investigators: Plumert, Kearney, Cremer)

Amount: \$22,500

Period: 11/2012 - 07/2013

#### **Submitted External Grants**

Agency: National Institute of Health

Title: The perceptual and lexical foundations of language and reading outcomes in adolescents: The Growing

[More] Words project

Role: Co-Investigator (PI: McMurray)

Direct Costs: \$3,744,182

Status: Submitted November 2024

Agency: National Institute of Health (R01 MH139608-A1)

Title: Mapping Predictors of Adult ADHD Symptom Fluctuations Across Multiple Timescales

Role: Principal Investigator Direct Costs: \$2,866,058

Status: Resubmitted March 2025, Initial Application Priority Score 36, Review scheduled for 7/2025

# **Teaching and Mentoring**

\*\* Students provide practicum evaluations separately from course evaluations

Sem/Yr	ADVISEES		Courses Taught		CLAS Core and Other Selected Scores				
	Undergrad	Graduate	Course Number and Title	Students Enrolled	Instructor was Effective	Work Assigned Was Worthwhile	Instructor Supported Student Learning	Help Available	Learned a Great Deal
Fall 2025	12		PSY 5320 Descriptive Psychopathology	6					
Fall 2025	12		PSY 7355 Assessment Practicum	8					
Fall 2025	12		PSY 7310 Orientation to Clinical Research	2					
Spring 2025	12		PSY 3330 Childhood Psychopathology	39	6.0	6.0	6.0	6.0	6.0
Spring 2025	12		PSY 7355 Assessment Practicum	8	**	**	**	**	**
Spring 2025	12		PSY 7310 Orientation to Clinical Research	2	6.0	6.0	6.0	6.0	6.0
Fall 2024	12		PSY 7355 Assessment Practicum	8	**	**	**	**	**
Fall 2024	12		PSY 7310 Orientation to Clinical Research	2	6.0	6.0	6.0	6.0	6.0
Spring 2024	15		PSY 7355 Assessment Practicum	7	**	**	**	**	**
Spring 2024	15		PSY 7310 Orientation to Clinical Research	8	6.0	6.0	6.0	6.0	6.0
Fall 2023	15		PSY 5320 Descriptive Psychopathology	10	6.0	6.0	6.0	6.0	6.0

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Fall 2023	15	3	PSY 7310 Orientation to Clinical Research	8	6.0	6.0	6.0	6.0	6.0
Spring 2023	17	3	PSY 7310 Orientation to Clinical Research	2	6.0	6.0	6.0	6.0	6.0
Fall 2022	17	3	PSY 7355 Assessment Practicum	7	**	**	**	**	**
Fall 2022			PSY 7310 Orientation to Clinical Research	2	6.0	6.0	6.0	6.0	6.0
Spring 2022	15	3	PSY 7355 Assessment Practicum	7	**	**	**	**	**
Spring 2022			PSY 7310 Orientation to Clinical Research	4	6.0	6.0	6.0	6.0	6.0
Fall 2021			PSY 7310 Orientation to Clinical Research	4	6.0	6.0	6.0	6.0	6.0

### **Students Supervised**

2025

Completion of 8 hours of evidence-based research mentor training at the University of Iowa. Curriculum Reference: Pfund, C., Handelsman, J., & Branchaw, J. (2014). *Entering mentoring*. WH Freeman

## Ph.D. Candidates (current)

Jessica Tharaud (2023-present) Leiana de la Paz (2020-present) Keely Thornton (2025-present)

# Ph.D. Candidates (past)

**Brendan Whitney (Ph.D. 2024)** 

Current Position: Assistant Professor of Instruction, Department of Psychological and Brain Sciences,

University of Iowa

Hana-May Eadeh (Ph.D. 2023)

Current Position: Postdoctoral Fellow, Department of Pediatrics, University of Minnesota

Allison Momany (Ph.D. 2021)

Current Position: Assistant Professor 2024, Department of Pediatrics University of Iowa

Jaclyn Kamradt (Ph.D. 2021)

Current Position: Psychologist, Prairie Home Wellness and Counseling, Coralville, IA

Josie Ullsperger (Ph.D. 2020)

Current Position: Clinical Assistant Professor, University of Wisconsin-Madison Department of Psychiatry

Alexis Elmore(Ph.D. 2019)

Current Position: Psychologist, VA Central Arkansas

#### **Undergraduate Honor's Thesis**

Ethan Weires (2022-present) Outcome: Clinical Research Coordinator, Massachusetts General Hospital/Harvard Medical School (starting 6/2024)

Madeline Petersen (B.S. 2022 with Honors), Outcome: Ph.D. student, University of Kentucky Ally Pronina (B.S. 2022 with Honors), Outcome: Master's student, University of Nebraska-Lincoln Maya Dasmalchi (B.S. 2021, with Honors), Outcome: Research Coordinator, University of Virginia Elissa Monteiro (B.S. 2019 with Honors), Outcome: Ph.D. Student, F31 Fellow NIH, University of California-Riverside

Neevetha Sivagurunathan (B.S. 2018 with Honors), Outcome, Research Coordinator, University of Iowa Alexander Wallace (B.S. 2016 with Honors), Outcome: Ph.D. Clinical Psychology, University of Wisconsin-Milwaukee, Current Position: Post-doctoral Fellow, University of California-San Francisco

Kelsey Wiggs (B.S. 2015 with Honors), Outcome: Ph.D. Clinical Psychology, Indiana University, Current Position: Post-doctoral Fellow, Cincinnati Children's Hospital

Noreen Jeglum (B.S. 2015 with Honors), Outcome: Master's in Occupational Therapy, University of Wisconsin-Madison, Current Position: Occupational Therapist, Davenport, IA

Emma Smith (B.S. 2015 with Honors), Outcome: Master's in Genetic Counseling, Stanford University, Current Position, Genetic Counselor, Lucile Packard/Stanford University Children's Hospital

#### **Summer Research Opportunity Program Scholars**

Leah Gilbert (2023), Central College. Outcome: Research Coordinator, Indiana University, Department of Psychological and Brain Sciences.

Andrew Crow (2015), Cornell College. Outcome: Research Coordinator, University of Pennsylvania School of Medicine

# **Undergraduate Research Practicum Students**

Student	<u>Years</u>	Outcome
Juliana Epping	2025-present	Ongoing
Emily Kelly	2025-present	Ongoing
Emma Ryszewska	2025-present	Ongoing
Marissa Goad	2023-present	Ongoing
Isabella Cowling	2023-present	Ongoing
Isabella Motley	2023-present	Ongoing
Delaney Christiansen	2023-2025	EdS program, Univ of Iowa
Ashlyn Hain	2024-present	Ongoing
Justin Reinhart	2024-present	Ongoing
Natalie Kehrli	2024-2025	PhD Program, Virginia Tech
Malayna Stober	2023-2025	MA Program, Clinical Mental Health, Univ of Iowa
Emma Langley	2024-2025	B.S. Psychology
Payton Conrad	2024-present	Ongoing
Jess Ferentchak	2024-present	Ongoing
Reaghan Spaid	2024-present	Ongoing
Grace Milder	2023-2024	B.S. Psychology
April Lucas	2022-2023	B.A.
Joey Villalobos	2022-2023	B.A.
Rachel Sapata	2022-2023	B.A.
Anushka Chakroborty	2022-2024	B.A., MA program I/O Psych
Agam Gill	2022-2023	Medical School, University of Iowa
Ethan Weires	2022-2024	RA, Mass General Psychiatry
Avery Bandstra	2022-2023	PhD student, Counseling Psychology
Rachel Steele	2022-2023	MA student, Marquette University
Isabella Martinez	2021-2023	Research Coordinator, University of Iowa
Abigail Davis	2021-2023	MA student, University of Iowa
Madison Kruser	2021-2024	MA program, University of Iowa
Katie Joslyn	2021-2024	RA, Johns Hopkins (Latham Science Engagement Fellow)
lan Ryan	2021-2024	Medical School, U Iowa (Honor's Practicum)
MaKayla Benson	2021-2023	M.A. student, Clinical Mental Health Counseling
Evan Saltz*	2021-2023	Ed.S. student, (Iowa Biosciences Academy)
Megan Noonan	2021-2022	B.S. in Psychology
Tayler Sanderson	2021-2022	B.S. in Psychology
Abilene Biddle	2021-2022	MSW student
Anna Leahy	2020-2022	MSW student
Elli Decker	2020-2022	MA student, School Counseling
Madeline Petersen	2019-2022	Ph.D. student, Clinical Psychology
Ally Pronina	2020-2022	MA student, School Psychology
Maya Dasmalchi	2019-2021	B.S. with Honors
Stephanie Nettleton	2022-2021	B.S. in Psychology
Nick Larucci	2020-2021	B.A. in Psychology
Claire Kelderman	2020-2022	Ph.D. student, Clinical Psychology
Weiqui Wang	2020-2021	Ph.D. student, Counseling Psychology

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Alexis Vaselopulos	2020-2021	MSW
Emma Kenney	2020-2021	MSW student
Paul Holdefer	2017-2021	Ph.D. student, Public Health, University of Iowa
Rachael Thompson	2018-2020	BA in Psychology
Myles Glandorf	2018-2020	Medical Student, University of Minnesota
Alec Ksiaek	2018-2020	BA in Psychology
Lauren Gravert	2018-2020	MS student, College of Pharmacy
Meredith Nastruz	2017-2020	Medical Student, Des Moines University
Lingguo Meng	2018-2019	Ph.D. student, Counseling Psychology
Bridget Ross	2018-2019	MA, School Psychology
Logan Flott	2018-2019	B.S.
Danielle Marvin	2018-2019	MSW
Bailey Solis	2018-2019	MSW
Samantha Kay	2018-2019	B.S.
Cressie Goode	2017-2019	Licensed Mental Health Counselor
Nikolas Goecke	2016-2019	ARNP, Neuropsychology Psychometrist
Elizabeth Smith	2016-2019	MPA student, Public Health, Washington State University
Angela Chay	2016-2019	MSW, University of Iowa
Callie Shannon*	2016-2019	MA, Library Sciences (Iowa Biosciences Academy)
Elissa Monteiro*	2015-2019	PhD Univ California Riverside (Iowa Biosciences Academy)
Breanna Williams	2015-2018	MA, Clinical Psychology
Neevetha Sivagurunathan	2016-2018	BS with Honors
Caitlyn Maye	2016-2017	PhD, Educational Psychology
Dayelle Davis	2015-2017	MS, School Counseling
Weiji Xiao	2016-2017	B.S. in Psychology
Paige Maruszak	2015-2016	PsyD, Clinical Psychology
Andrea Heinz	2015-2016	BA in Psychology
Kelly Matz	2015-2016	MA, School Psychology
Brett Schneider	2015-2016	PhD, Clinical Psychology
Zachary McCalley	2014-2016	DO
Alexander Wallace	2012-2016	PhD, Clinical Psychology
Kelsey Wiggs	2013-2015	PhD, Clinical Psychology
Noreen Jeglum	2012-2015	MA, Occupational Therapy
Emma Smith	2013-2015	MA, Genetic Counseling
Breanne Peterson	2013-2015	MA, Educational Policy
Jacob Sullivan	2013-2014	BS in Psychology
Megan Beardmore	2012-2014	PhD, School Psychology
Racheal Clark	2013-2014	PhD, School Psychology
Maria Olex	2012-2014	PsyD, Clinical Psychology
Cori Marchi	2012-2014	PhD, School Psychology
Kayla Knoll	2012-2014	MA Mental Health Counseling
Caitlin Blaisdell	2012-2013	Master's in Public Health
Bianca Patel	2012-2013	Physician's Assistant (PA)
Stephen Molitor	2012-2014	PhD, Clinical Psychology
Katherine Kopale	2012-2014	MA, Physical Therapy
Emily Dacquisto	2012-2013	MSW
Heather Robinson	2011-2012	MD
Sarah Eastman	2012-2012	PharmD
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# **Comprehensive Exam Committee Service**

2011-2012 2012-2013 2012-2013 2012-2013 2013 2013 2013 2013-2014 2014-2015 2014-2015 2014-2015 2015-2016 2016 2016 2016 2016 2018-2019 2019-2020 2019-2020 2021 2021-2022 2021-2022 2022-2023 2022-2023 2022-2023 2022-2023 2022-2023 2025-present 2025-present 2025-present	Jennifer McCabe (chair: O'Hara) Katherine Jonas (chair: Markon) Rebecca Grekin (chair: O'Hara) Molly Meth (chair: Tranel) Lauren Clevenger (chair: Lutgendorf) Edmarie Guzman-Velez (chair: Tranel) Marianne Rizk (chair: Treat) Amanda Ward (chair: Tranel) Lauren Davis (chair: Lutgendorf) Alexis Elmore (chair) Josie Ullsperger (chair) Jodi Smith (chair: Treat) Michelle Miller (chair: O'Hara) Lea Boldt (chair: Kochanska) Kristen Merkitch (chair: O'Hara) Lea Boldt (chair: Kochanska) Kristen Merkitch (chair: O'Hara) Kelsey Spalding (chair: Tranel) Jaclyn Kamradt (chair) Allison Momany (chair) Jessica Armer (chair: Lutgendorf) Morgan Parr (chair: Plumert) Francesca Scheiber (chair: Demi-Lira) Brendan Whitney (chair) Hana-May Eadeh (chair) Shana Harris (chair: Tranel) Caroline Boyd-Rogers (chair: Treat) Jordan Harris (chair: Petersen) Ariel Kim (chair: Plumert) Leiana de la Paz (chair) Rachel Telles (chair: Lutgendorf) Alexis Hosch (chair: Petersen) Alyssa Schneider Carlson (co-chair: Thomas) Tess Filip (chair: McCleery) Marilyn Steinbach (chair: Denburg) Jessica Tharaud (chair) Solange Bolger (chair: Treat) Zach Demko (chair: Petersen)
2025-present 2025-present	Zach Demko (chair: Petersen) Brianna McNichol (chair: Tranel)
2025-present	Elizabeth Widiger (chair: Bartholow)

# Ph.D. Committee Service

2011-2012 2012 2012-2014 2012-2014 2012-2014 2013-2015	Justin Feinstein (chair: Tranel) Nizette-Ly Valles (chair: Knutson) Matthew Calamia (chair: Tranel) Joshua Gootzeit (chair: Markon) Jamie Nordling (chair: Kochanksa) Jeung En Yoon (chair: Kochanksa)
2013-2015 2013-2015	<b>3</b>
2014-2015	Edmarie Guzman-Velez (chair: Tranel)

2014-2016	Molly Meth (chair: Tranel)
2014-2016	Ke Anne Zhang (chair: Markon)
2014-2016	Lauren Clevenger (chair: Lutgendorf)
2015-2018	Elizabeth O'Neal (chair: Plumert)
2015-2017	Marianne Rizk (chair: Treat)
2015-2017	Katherine Jonas (chair: Markon)
2015-2017	Lauren Davis (chair: Lutgendorf)
2015-2017	Amanda (Brunette) Ward (chair: Tranel)
2016-2017	Michelle Miller (chair: O'Hara)
2016-2018	Alexis Elmore (chair)
2016-2018	Deva Carrion (chair: O'Brien)
2016-2019	Jodi Smith (Betty) (chair: Treat)
2017-2019	Josie Ullsperger (chair)
2018-2020	Jackie Kamradt (chair)
2018-2020	Allison Momany (chair)
2018-2020	Kristen Merkitch (chair: O'Hara)
2020-2022	Jessica Armer (chair: Lutgendorf)
2020-2022	Hana-May Eadeh (chair)
2020-2023	Francesca Scheiber (chair: Demir-Lira)
2021-2023	Morgan Parr Di Napoli (chair: Plumert)
2021-2023	Shana Harris (chair: Tranel)
2021-2023	Jenna Adamowicz (co-chair: Thomas)
2021-2024	Brendan Whitney (chair)
2023-2025	Caroline Boyd-Rogers (chair: Treat)
2023-2025	Jordan Harris (chair: Petersen)
2024-2025	Alyssa Carlson (chair; co-chair: Thomas)
2024-2025	Leiana de la Paz (chair)
2024-present	Alexis Hosch (chair: Petersen)
2025-present	Jamie Kaminski (chair: Tranel)
2025-present	Sara Diesel (chair: Vander Weg)

# **Research Advisory Committees**

2012-2014	Alexis Elmore (chair)
2012-2014	Josie Ullsperger (chair)
2012-2013	Emily Kroska (chair: Lawrence)
2013-2015	Kristen Merktich (chair: O'Hara)
2013-2015	Kelsey Spalding (chair: Tranel)
2013-2015	Lea Boldt (chair: Kochanska)
2014-2016	Jaclyn Kamradt (chair)
2014-2016	Allison Momany (chair)
2015-2016	Nita Bhatia (chair: Lutgendorf)
2016-2018	Jessica Armer (chair: Lutgendorf)
2017-2019	Brendan Whitney (chair: Markon/Nikolas)
2017-2019	Morgan Parr (chair: Plumert)
2018-2020	Hana-May Eadeh (chair)
2019-2021	Jordan Harris (chair: Petersen)
2019-2021	Caroline Boyd-Rogers (chair: Treat)
2020-2022	Leiana de la Paz (chair)

2020-2022	Rachel Telles (chair: Lutgendorf)
2020-2022	Alexis Hosch (chair: Petersen)
2023-present	Solange Bolger (chair: Treat)
2023-present	Zachary Demko (chair: Petersen)

2023-present Jessica Tharaud (chair)

2023-present Elizabeth Widiger (chair: Bartholow)

# **Additional Undergraduate Mentorship**

2019	Mentor, Honors Teaching Practicum, Childhood Psychopathology for Hannah Erlbacher
2018	Mentor, Honors Teaching Practicum, Childhood Psychopathology for Elizabeth Smith
2017-2018	Mentor, Iowa Center for Research by Undergraduates Fellowship for Neevetha Sivagurunathan
2017	Mentor, Honors Teaching Practicum in Abnormal Psychology for Dayelle Davis
2015	Sponsor of Cornell College Fellow Andrew Crow
2015	Mentor/Mentee Profile of Noreen Jeglum and me conducted by Iowa Now and University of Iowa Honors College
2015	Mentor, Stevens Phi Betta Kappa Scholarship for Emma Smith
2014	Mentor, Honors Teaching Practicum in Abnormal Psychology for Katelynn Powell
2012-2013	Mentor, Iowa Center for Research by Undergraduates Fellowship for Nathan Myhre
2012	Senior Project Advisor, Integrative Thesis Project for International Studies and Psychology for Toni Crouse

# **Other Contributions to Instructional Programs**

2024 – present	beveloped online course in History and Systems of Psychology for clinical students to help meet APA accreditation requirements. Class also offered to advanced undergraduate students. Operated course in Spring 2024, Fall, 2024, and Spring 2025.
2015-present	Developed Assessment Practicum clinical students (with Dr. Markon). Assumed responsibility for assignment of all assessment cases in the Seashore Clinic

Group Training Sessions with Clinical Graduate Students, Delis-Kaplin Executive

**Function System** 

## **SERVICE**

2011

# **Department**

2025- Clinical Science Faculty Search Committee, Department of Psychological and Brain

Sciences

2023-2024	Computational Faculty Search Committee, Department of Psychological and Brain Sciences
2020-present	Organized Diversity Virtual Open House & In-Person Visitor's Weekend Events
2020-2021	Led Clinical Area through Re-Accreditation from Psychological Clinical Science Accreditation System
2020 – present	Diversity, Equity, and Inclusion Committee member
2019 – present	Director of Clinical Training, Clinical Science Area
2013 – present	Executive Committee & Mentor, Behavioral-Biomedical Interface Program National Institute of General Medical Sciences (T32 GM108540) Mechanisms of Health and Disease at the Biomedical Behavioral Interface Students Supported: Jaclyn Kamradt, Allison Momany, Hana-May Eadeh, Leiana de la Paz
2019 – 2020	Clinical Science Faculty Search Committee
2018 – 2019	Learning and Neuroplasticity Faculty Search Committee
2016 – 2019	Elected by departmental colleagues to Faculty Advisory Committee (FAC)
2016 – 2017	Search Committee, Developmental Science Faculty Search
2015 – 2016	Search Committee, Clinical Science Faculty Search
2015 – present	Curriculum and Training Committee, T32 Training Program, <i>Mechanisms of Health and Disease at the Behavioral and Biomedical Interface</i>
2014 – present	Executive Committee Member and Mentor, T32 Training Program, <i>Mechanisms of Health and Disease at the Behavioral and Biomedical Interface</i>
2014 – 2015	Departmental Strategic Communications Committee
2012 – present	Clinical Area Graduate Admissions
<u>University</u>	
2021-present	Reviewer, Office of Vice President for Research Early Career Scholars Award (reviewed in Fall 2021 and Fall 2022)
2020-present	Reviewer, University of Iowa Honor's Scholarships (reviewed in Spring 2021, Spring 2022, Spring 2023, Spring 2024, Spring 2025)
2017 – 2020	Faculty Senate (re-elected), University of Iowa

2014 – 2017	Faculty Senate, University of Iowa
2011 – 2012	Internal Grant Reviewer, University of Iowa Center for Health Effects of Environmental Contamination
<u>State</u>	
2016 – 2018	Presidential Triad, Iowa Psychological Association (2016 President-Elect, 2017 President, 2018 Past-President)
2013 – 2016	Executive Council Member Representative, Iowa Psychological Association Chair: 2015 Spring Conference Student Poster Session Chair: 2014 Partnerships and Endorsements Workgroup

# **Professional and National Service**

Grant and Award Reviews		
2023-present	Reviewer, National Institute of Health Center for Scientific Review F18 Epidemiology and Population Sciences (ad-hoc 2023, regular member 2024-present)	
2024-present	Ad-hoc member, National Institute of Health Center for Scientific Review, Child Health and Human Development Study Section	
2020-present	Reviewer, Academy for Psychological Clinical Science Student Training Award	
2020-present	Reviewer, Dissertation Research Award, American Psychological Association	
2014-2020	Reviewer, Loan Repayment Awards, Eunice Kennedy Shriver National Institute for Child Health and Human Development and National Institute of Mental Health	
2019, 2021	Reviewer, Society for Research on Adolescence Submissions for 2020 Biennial Meeting	

# **National Organizations**

2023-present	Member at Large (elected position), Academy for Psychological Clinical Science Executive Committee
2020-2024	Faculty Advisory Member, Student Engagement Committee, Academy for Psychological Clinical Science

## Journal Editorial Positions and Boards

2024-2025	Guest Editor, Journal of Psychopathology and Behavior Science (editing special issue on ecological momentary assessment of impulsivity)
2024 - present	Associate Editor, Assessment
2024 – present	Associate Editor, Journal of Attention Disorders
2020-2023	Associate Editor, BMC Psychiatry

2014 – present Consulting Editorial Board, Assessment

2013 – present Licensure Work Group, Psychological Clinical Science Accreditation System (PCSAS)

2013 - present Editorial Board, Journal of Abnormal Child Psychology (Research in Child and

Adolescent Psychopathology as of January 2021)

### Ad Hoc Reviewer

(19 ad-hoc peer reviews completed from August 2023 – March 2025)

Journal of Abnormal Psychology (now Journal of Psychopathology and Clinical Science)

Clinical Psychological Science

Psychological Science

Perspectives in Psychological Science

JAMA Psychiatry

**Pediatrics** 

Child Development

Journal of Abnormal Child Psychology (now Research in Child and Adolescent Psychopathology)

Journal of Clinical Child and Adolescent Psychology

Journal of Child Psychology and Psychiatry

Assessment

Psychological Assessment

PLOS One

Biological Psychiatry

Developmental Psychology

Journal of Research on Adolescence

Journal of Youth and Adolescence

Child Development Perspectives

Journal of Experimental Psychology-General

Psychiatry Research

BMC Psychiatry

**BMC Pediatrics** 

BMC Public Health

Psychological Medicine

Journal of Family Studies

Behavior Genetics

Psychiatry Research

Journal of Clinical and Experimental Neuropsychology

Child Neuropsychology

Neuropsychology

Journal of Attention Disorders

Neuroscience

Psychiatry Research

Child Psychiatry and Human Development

Journal of Psychopathology and Behavioral Assessment

Psychology of Addiction

Behavioral and Brain Functions

International Journal of Behavioral and Emotional Development

Journal of Research in Personality

Addiction Theory and Research