

Tyler M Moore

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Education

University of California (UCLA)

December 2012

Los Angeles, CA

- Ph.D.: Quantitative Psychology (2012); M.A.: Quantitative Psychology (2008)
- Primary Advisor: Steven P. Reise, Ph.D.
- Recipient of the UCLA Chancellor's Prize (2007)
- Recipient of National Science Foundation Graduate Research Fellowship (2008-2010)
- Advanced Software Experience: *R Statistical Package, SPSS, Mplus, EQS, MULTILOG, Excel, TESTFACT, IRTPRO*

Exeter University

September 2005

Exeter, England

- Master of Science: Social and Organizational Psychology
- Degree Honors: Distinction

Pomona College

May 2004

Claremont, CA

- Bachelor of Arts: Economics
- Degree Honors: *Cum laude*

Academic Experience

University of Pennsylvania: Senior Investigator/Psychometrician

July 2017 – present

Philadelphia, PA

- Primary measurement specialist for Penn Medicine Neuropsychiatry
- Develop shortened and adaptive versions of neurocognitive and clinical tests
- Create summary measures of cognitive, clinical, and social variables used in multiple grants
- Develop battery of tests used to assess change in cognitive performance in spaceflight (NASA)
- Active DoD secret security clearance (2013 - present)

University of Pennsylvania: Research Associate

August 2015 – July 2017

Philadelphia, PA

- Primary measurement specialist for Penn Medicine Neuropsychiatry
- Evaluated factorial structure and psychometric properties of multiple cognitive and clinical measures
- Investigated cognitive correlates of suicide risk and post-traumatic stress in military personnel

University of Pennsylvania: Postdoctoral Fellow

February 2013 – August 2015

Philadelphia, PA

- Primary measurement specialist for the Neuropsychiatry Section of Penn Medicine Psychiatry
- Modeled relationships between brain and cognitive performance via structural equation modeling
- Linked geospatial and personal information to characterize patient living environments

Publications (Peer-Reviewed; Corresponding and/or First Author)

Moore, T. M., Reise, S. P., Gur, R. E., Hakonarson, H., & Gur, R. C. (2015). Psychometric properties of the Penn Computerized Neurocognitive Battery. *Neuropsychology*, 29(2), 235-246.

Moore, T. M., Scott, J. C., Reise, S. P., Port, A. M., Jackson, C. T., Ruparel, K., Savitt, A. P., Gur, R. E., & Gur, R. C. (2015). Development of an abbreviated form of the Penn Line Orientation Test using large samples and computerized adaptive test simulation. *Psychological Assessment*, 27(3), 955-964.

Moore, T. M., Reise, S. P., Depaoli, S., & Haviland, M. G. (2015). Iteration of partially-specified target matrices: Applications in exploratory and Bayesian confirmatory factor analysis. *Multivariate Behavioral Research*, 50(2), 149-161.

Moore, T. M., Martin, I. K., Gur, O. M., Jackson, C. T., Scott, J. C., Calkins, M. E., ... & Gur, R. E. (2016). Characterizing social environment's association with neurocognition using census and crime data linked to the Philadelphia Neurodevelopmental Cohort. *Psychological Medicine*, 46(03), 599-610.

Moore, T. M., Reise, S. P., Roalf, D. R., Satterthwaite, T. D., Davatzikos, C., Bilker, W. B., ... & Gur, R. C. (2016). Development of an Itemwise Efficiency Scoring Method: Concurrent, Convergent, Discriminant, and Neuroimaging-Based Predictive Validity Assessed in a Large Community Sample. *Psychological Assessment*. [Early Online.]

Moore, T. M., Gur, R. C., Thomas, M. L., Brown, G. G., Nock, M. K., Savitt, A. P., ... & Stein, M. B. (2016). Development, administration, and structural validity of a brief, computerized neurocognitive battery: Results from the Army Study to Assess Risk and Resilience in Servicemembers. *Assessment*.

Moore, T. M., Risbrough, V. B., Baker, D. G., Larson, G. E., Glenn, D. E., Nievergelt, C. M., ... & Gur, R. C. (2017). Effects of military service and deployment on clinical symptomatology: The role of trauma exposure and social support. *Journal of Psychiatric Research*.

Moore, T. M., Basner, M., Nasrini, J., Hermosillo, E., Kabadi, S., Roalf, D. R., ... & Gur, R. C. (2017). Validation of the Cognition Test Battery for Spaceflight in a sample of highly educated adults. *Aerospace Medicine and Human Performance*, 88(10), 937-946.

Moore, T. M., Calkins, M. E., Reise, S. P., Port, A. M., Jackson, C. T., Ruparel, K., & Gur, R. E. (2018). Development and Public Release of a Computerized Adaptive (CAT) Version of the Schizotypal Personality Questionnaire. *Psychiatry Research*, 263, 250-256.

Moore, T. M., Calkins, M. E., Satterthwaite, T. D., Roalf, D. R., Rosen, A. F., Gur, R. C., & Gur, R. E. (2019). Development of a computerized adaptive screening tool for overall psychopathology ("p"). *Journal of psychiatric research*.

Nesom, G. L., Petrof, I., & ***Moore, T. M.** (2019). Operational characteristics of Institutional Review Boards (IRBs) in the United States. *American Journal of Bioethics: Empirical Bioethics*. **Corresponding author.*

**Roalf, D. R., *Moore, T. M., Wolk, D. A., Arnold, S. E., Mechanic-Hamilton, D., Rick, J., ... & Dahodwala, N. A. (2016). Defining and validating a short form Montreal Cognitive Assessment (s-MoCA) for use in neurodegenerative disease. Journal of Neurology, Neurosurgery & Psychiatry. [Early Online.] *Equal contribution.*

*Roalf, D. R., ***Moore, T. M.**, Mechanic-Hamilton, D., Wolk, D. A., Arnold, S. A., Weintraub, D. A., & Moberg, P. J. (2017). Bridging cognitive screening tests in neurological disorders: A cross-walk between the s-MoCA and MMSE. *Alzheimer's & Dementia*. *Equal contribution.

Yudien, M. A., ***Moore, T. M.**, Port, A. M., Ruparel, K., Gur, R. E., & Gur, R. C. (2019). Development, validation, and public release of the Penn Reading Assessment Computerized Adaptive Test (PRA-CAT) for Premorbid IQ. *Psychological Assessment*. *Corresponding author.

Publications (Peer-Reviewed; Other)

Ahmed, A., **Moore, T. M.**, Lewis, J., Butler, L., Benton, T. D., & Boyd, R. C. (2018). Psychometric Properties of Bully, Fighting, and Victimization Scales Among Clinically Referred Youth. *Journal of Aggression, Maltreatment & Trauma*, 1-15.

Barzilay, R., Calkins, M. E., **Moore, T. M.**, Boyd, R. C., Jones, J. D., Benton, T. D., ... & Gur, R. E. (2019). Neurocognitive functioning in community youth with suicidal ideation: gender and pubertal effects. *The British Journal of Psychiatry*, 1-7.

Barzilay, R., Calkins, M. E., **Moore, T. M.**, Wolf, D. H., Satterthwaite, T. D., Scott, J. C., ... & Gur, R. E. (2018). Association between traumatic stress load, psychopathology, and cognition in the Philadelphia Neurodevelopmental Cohort. *Psychological Medicine*, 1-10.

Barzilay, R., Patrick, A., Calkins, M. E., **Moore, T. M.**, Gur, R. C., & Gur, R. E. (2019). Association between early-life trauma and obsessive compulsive symptoms in community youth. *Depression and anxiety*.

Barzilay, R., Patrick, A., Calkins, M. E., **Moore, T. M.**, Wolf, D. H., Benton, T. D., ... & Gur, R. E. (2019). Obsessive-Compulsive Symptomatology in Community Youth: Typical Development or a Red Flag for Psychopathology?. *Journal of the American Academy of Child & Adolescent Psychiatry*, 58(2), 277-286.

Barzilay, R., White, L. K., Calkins, M. E., **Moore, T. M.**, Young, J. F., Wolf, D. H., ... & Gur, R. E. (2018). Sex-specific association between high traumatic stress exposure and social cognitive functioning in youth. *Biological Psychiatry*.

Basner, M., Hermosillo, E., Nasrini, J., McGuire, S., Saxena, S., **Moore, T. M.**, ... & Dinges, D. F. (2017). Repeated Administration Effects on Psychomotor Vigilance Test (PVT) Performance. *Sleep*.

Basner, M., Nasrini, J., Hermosillo, E., McGuire, S., Dinges, D. F., **Moore, T. M.**, ... & Donoviel, D. (2017). Effects of- 12° head-down tilt with and without elevated levels of CO2 on cognitive performance: the SPACECOT study. *Journal of Applied Physiology*, 124(3), 750-760.

Basner, M., Savitt, A., **Moore, T. M.**, Port, A. M., McGuire, S., Ecker, A. J., ... & Dinges, D. F. (2015). Development and validation of the Cognition test battery for spaceflight. *Aerospace medicine and human performance*, 86(11), 942-952.

Baum, G. L., Ciric, R., Roalf, D. R., Betzel, R. F., **Moore, T. M.**, Shinohara, R. T., ... & Cook, P. A. (2017). Modular segregation of structural brain networks supports the development of executive function in youth. *Current Biology*, 27(11), 1561-1572.

Beard, L. M., Roalf, D. R., Elliott, M. A., Prabhakaran, K., **Moore, T. M.**, Gur, R. E., & Satterthwaite, T. D. (2018). Brain Iron Mediates the Relationship Between Cognition and Neighborhood Socioeconomic Status in Youth. *bioRxiv*, 261693.

- Bezdicek, O., Červenková, M., **Moore, T. M.**, Stepankova Georgi, H., Sulc, Z., Wolk, D. A., ... & Roalf, D. R. (2018). Determining a Short Form Montreal Cognitive Assessment (s-MoCA) Czech Version: Validity in Mild Cognitive Impairment Parkinson's Disease and Cross-Cultural Comparison. *Assessment*, 1073191118778896.
- Calkins, M. E., Merikangas, K. R., **Moore, T. M.**, Burstein, M., Behr, M. A., Satterthwaite, T. D., ... & Gur, R. E. (2015). The Philadelphia Neurodevelopmental Cohort: constructing a deep phenotyping collaborative. *Journal of Child Psychology and Psychiatry*. [Epub ahead of print]
- Calkins, M. E., **Moore, T. M.**, Merikangas, K. R., Burstein, M., Satterthwaite, T. D., Bilker, W. B., ... & Gur, R. E. (2014). The psychosis spectrum in a young US community sample: findings from the Philadelphia Neurodevelopmental Cohort. *World Psychiatry*, 13(3), 296-305.
- Calkins, M. E., **Moore, T. M.**, Satterthwaite, T. D., Wolf, D. H., Turetsky, B. I., Roalf, D. R., Merikangas, K. R., ... & Gur, R. E. (2017). Persistence of psychosis spectrum symptoms in the Philadelphia Neurodevelopmental Cohort: A prospective two-year follow-up. *World Psychiatry*.
- Chai, L. R., Khambhati, A. N., Ciric, R., **Moore, T. M.**, Gur, R. C., Gur, R. E., ... & Bassett, D. S. (2017). Evolution of brain network dynamics in neurodevelopment. *Network Neuroscience*.
- Cornblath, E. J., Tang, E., Baum, G. L., **Moore, T. M.**, Adebimpe, A., Roalf, D. R., ... & Bassett, D. S. (2019). Sex differences in network controllability as a predictor of executive function in youth. *NeuroImage*, 188, 122-134.
- Germine, L., Robinson, E. B., Smoller, J. W., Calkins, M. E., **Moore, T. M.**, Hakonarson, H., ... & Gur, R. C. (2016). Association between polygenic risk for schizophrenia, neurocognition and social cognition across development. *Translational Psychiatry*, 6(10), e924.
- Garrett-Bakelman, F. E., Darshi, M., Green, S. J., Gur, R. C., Lin, L., Macias, B. R., ... , **Moore, T. M.**, ... & Turek, F. W. (2019). The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. *Science*, 364(6436), eaau8650.
- Gur, R. C., Calkins, M. E., Satterthwaite, T. D., Ruparel, K., Bilker, W. B., **Moore, T. M.**, ... & Gur, R. E. (2014). Neurocognitive growth charting in psychosis spectrum youths. *JAMA Psychiatry*, 71(4), 366-374.
- Gur, R. E., **Moore, T. M.**, Calkins, M. E., Ruparel, K., & Gur, R. C. (2017). Face Processing Measures of Social Cognition: A Dimensional Approach to Developmental Psychopathology. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.
- Gur, R. E., **Moore, T. M.**, Rosen, A. F., Barzilay, R., Roalf, D. R., Calkins, M. E., ... & Gur, R. C. (2019). Burden of environmental adversity associated with psychopathology, maturation, and brain behavior parameters in youths. *JAMA psychiatry*.
- Gur, R. C., **Moore, T. M.**, Rosen, A. F., Ruparel, K., Satterthwaite, T. D., Roalf, D. R., ... & Gur, R., E. (2019). Multimodal parameters of brain structure and function related to sex differences in cognitive performance. *Neuron*, 659193.
- Haselton, M. G., Bryant, G. A., Wilke, A., Frederick, D. A., Galperin, A., Frankenhuys, W. E., & **Moore, T. M.** (2009). Adaptive rationality: An evolutionary perspective on cognitive bias. *Social Cognition*, 27, 733-763.
- Hershenberg, R., Satterthwaite, T. D., Daldal, A., Katchmar, N., **Moore, T. M.**, Kable, J. W., & Wolf, D. H. (2016). Diminished effort on a progressive ratio task in both unipolar and bipolar depression. *Journal of Affective Disorders*, 196, 97-100.

Jones, J. D., Boyd, R. C., Calkins, M. E., Ahmed, A., **Moore, T. M.**, Barzilay, R., ... & Gur, R. E. (2019). Parent-adolescent agreement about adolescents' suicidal thoughts. *Pediatrics*, 143(2).

Jones, J. D., Scott, J. C., Calkins, M. E., Ruparel, K., **Moore, T. M.**, Gur, R. C., & Gur, R. E. (2017). Correspondence between adolescent and informant reports of substance use: Findings from the Philadelphia Neurodevelopmental Cohort. *Addictive Behaviors*, 65, 13-18.

Kaczurkin, A. N., **Moore, T. M.**, Ruparel, K., Ciric, R., Calkins, M. E., Shinohara, R. T., ... & Gennatas, E. D. (2016). Elevated Amygdala Perfusion Mediates Developmental Sex Differences in Trait Anxiety. *Biological Psychiatry*. [Early Online.]

Kaczurkin, A. N., Park, S. S., Sotiras, A., **Moore, T. M.**, Calkins, M. E., Cieslak, M., ... & Sharma, A. (2019). Evidence for Dissociable Linkage of Dimensions of Psychopathology to Brain Structure in Youths. *American Journal of Psychiatry*, appi-ajp.

Medaglia, J. D., Satterthwaite, T. D., Kelkar, A., Ciric, R., **Moore, T. M.**, Ruparel, K., ... & Bassett, D. S. (2017). Brain state expression and transitions are related to complex executive cognition in normative neurodevelopment. *NeuroImage*.

Medaglia, J. D., Satterthwaite, T. D., **Moore, T. M.**, Ruparel, K., Gur, R. C., Gur, R. E., & Bassett, D. S. (under review). Flexible Traversal Through Diverse Brain States Underlies Executive Function in Normative Neurodevelopment. *Nature Neuroscience*.

Merikangas, A. K., Calkins, M. E., Bilker, W. B., **Moore, T. M.**, Gur, R. C., & Gur, R. E. (2017). Parental Age and Offspring Psychopathology in the Philadelphia Neurodevelopmental Cohort. *Journal of the American Academy of Child & Adolescent Psychiatry*.

Merikangas, A. K., Cui, L., Flagg, V., Calkins, M. E., **Moore, T. M.**, Gur, R. C., ... & Merikangas, K. R. (2017). Neurocognitive performance as an endophenotype for mood disorder subgroups. *Journal of Affective Disorders*, 215, 163-171.

Miron-Shatz, T., Diener, E., Doniger, G. M., **Moore, T. M.**, & Saphire-Bernstein, S. (2013). Charting the internal landscape: Affect associated with thoughts about major life domains explains life satisfaction. *Judgment and Decision Making*, 8(5), 603-616.

Montano, C., Taub, M. A., Jaffe, A., Briem, E., Feinberg, J. I., Trygvadottir, R., ... **Moore, T. M.** ..., & Feinberg, A. P. (2016). Association of DNA methylation differences with schizophrenia in an epigenome-wide association study. *JAMA psychiatry*, 73(5), 506-514.

Nassar, R., Kaczurkin, A. N., Xia, C. H., Sotiras, A., Pehlivanova, M., **Moore, T. M.**, ... & Ruparel, K. (2018). Gestational Age is Dimensionally Associated with Structural Brain Network Abnormalities Across Development. *Cerebral Cortex*.

Niarchou, M., Calkins, M. E., **Moore, T. M.**, Tang, S. X., McDonald-McGinn, D. M., Zackai, E. H., ... & Gur, R. E. (2017). Attention Deficit Hyperactivity Disorder Symptoms and Psychosis in 22q11.2 Deletion Syndrome. *Schizophrenia bulletin*.

Niarchou, M., **Moore, T. M.**, Tang, S. X., Calkins, M. E., McDonald-McGinn, D. M., Zackai, E. H., Emanuel, B. S., Gur, R. C., & Gur, R. E. (2017). The dimensional structure of psychopathology in 22q11.2 Deletion Syndrome. *Journal of Psychiatric Research*.

Pehlivanova, M., Wolf, D. H., Sotiras, A., Kaczkurkin, A. N., **Moore, T. M.**, Ciric, R., ... & Sharma, A. (2018). Diminished cortical thickness is associated with impulsive choice in adolescence. *Journal of Neuroscience*, 38(10), 2471-2481.

Reise, S. P., & **Moore, T. M.** (2012). An introduction to item response theory models and their application in the assessment of noncognitive traits. In Cooper H. (Ed.-in-Chief), Camic, P., Long, D., Panter, A. T., Rindskopf, D., & Sher, K. (Assoc Eds.) *APA Handbook of Research Methods in Psychology* (three volumes). Washington, DC: American Psychological Association.

Reise, S. P., Cook, K. F., & **Moore, T. M.** (2015). Evaluating the impact of multidimensionality on unidimensional Item Response Theory model parameters. In S. Reise & D. Revicki (Eds). *Handbook of Item Response Theory Modeling*. New York: Taylor & Francis.

Reise, S. P., **Moore, T. M.**, & Haviland, M. G. (2010). Bifactor models and rotations: Exploring the extent to which multidimensional data yield univocal scale scores. *Journal of Personality Assessment*, 92(6), 544-559.

Reise, S. P., **Moore, T. M.**, & Haviland, M. G. (2013). Applying unidimensional Item Response Theory models to psychological data. In K. F. Geisinger (Ed.), *APA Handbook of Testing and Assessment in Psychology*. Washington, DC: American Psychological Assoc.

Reise, S. P., **Moore, T. M.**, & Maydeu-Olivares, A. (2011). Using targeted rotations to assess the impact of model violations on the parameters of unidimensional and bifactor IRT models. *Educational and Psychological Measurement*, 71(4), 684-711.

Reise, S. P., **Moore, T. M.**, Sabb, F. W., Brown, A. K., & London, E. D. (2013). The Barratt Impulsiveness Scale – 11: Reassessment of its structure in a community sample. *Psychological Assessment*, 25(2), 631-642.

Roalf, D. R., de la Garza, A. G., Rosen, A., Calkins, M. E., **Moore, T. M.**, Quarmley, M., ... & Gur, R. E. (2019). Alterations in white matter microstructure in individuals at persistent risk for psychosis. *Molecular psychiatry*, 1.

Roalf, D. R., Quarmley, M., Calkins, M. E., Satterthwaite, T. D., Ruparel, K., Elliott, M. A., **Moore, T. M.**, ... & Turetsky, B. I. (2016). Temporal Lobe Volume Decrements in Psychosis Spectrum Youths. *Schizophrenia Bulletin*, sbw112.

Roalf, D. R., Quarmley, M., Elliott, M. A., Satterthwaite, T. D., Vandekar, S. N., Ruparel, K., Gennatas, E. D., Calkins, M. E., **Moore, T. M.**, Hopson, R., Prabhakaran, K., Jackson, C. T., Verma, R., Hakonarson, H., Gur, R. C., & Gur, R. E. (2016). The impact of quality assurance assessment on diffusion tensor imaging outcomes in a large-scale population-based cohort. *NeuroImage*, 125, 903-919.

Satterthwaite, T. D., Vandekar, S. N., Wolf, D. H., Bassett, D. S., Ruparel, K., Shehzad, Z., Craddock, R. C., Shinohara, R. T., **Moore, T. M.**, Gennatas, E. D., Jackson, C., Roalf, D. R., Milham, M. P., Calkins, M. E., Hakonarson, H., Gur, R. C., & Gur, R. E. (2015). Connectome-wide network analysis of youth with Psychosis-Spectrum symptoms. *Molecular Psychiatry*, 20, 1508-1515.

Satterthwaite, T. D., Wolf, D. H., Calkins, M. E., Vandekar, S. N., Erus, G., Ruparel, K., Roalf, D. R., Linn, K. A., Elliott, M. A., **Moore, T. M.**, Hakonarson, H., Shinohara, R. T., Davatzikos, C., Gur, R. C., & Gur, R. E. (2016). Structural brain abnormalities in youth with psychosis spectrum symptoms. *JAMA Psychiatry*, 73(5), 515-524.

Scott, J. C., Rosen, A. F., **Moore, T. M.**, Roalf, D. R., Satterthwaite, T. D., Calkins, M. E., ... & Gur, R. C. (2019). Cannabis use in youth is associated with limited alterations in brain structure. *Neuropsychopharmacology*, 1.

- Scott, J. C., Slomiak, S. T., Jones, J. D., Rosen, A. F., **Moore, T. M.**, & Gur, R. C. (2018). Association of Cannabis with Cognitive Functioning in Adolescents and Young Adults: A Systematic Review and Meta-analysis. *JAMA psychiatry*, 75(6), 585-595.
- Scott, J. C., Wolf, D. H., Calkins, M. E., Bach, E. C., Weidner, J., Ruparel, K., **Moore, T. M.**, ... & Gur, R. C. (2017). Cognitive functioning of adolescent and young adult cannabis users in the Philadelphia Neurodevelopmental Cohort. *Psychology of Addictive Behaviors*, 31(4), 423.
- Scully, R. R., Basner, M., Nasrini, J., Lam, C. W., Hermsillo, E., Gur, R. C., ... **Moore, T. M.** ... & Ryder, V. E. (2019). Effects of acute exposures to carbon dioxide on decision making and cognition in astronaut-like subjects. *npj Microgravity*, 5(1), 17.
- Shanmugan, S., Wolf, D. H., Calkins, M. E., **Moore, T. M.**, Ruparel, K., Hopson, R. D., ... & Gennatas, E. D. (2016). Common and dissociable mechanisms of executive system dysfunction across psychiatric disorders in youth. *American Journal of Psychiatry*, 173(5), 517-526.
- Stout, D. M., Acheson, D. T., **Moore, T. M.**, Gur, R. C., Baker, D. G., Geyer, M. A., ... & MRS Team. (2018). Individual variation in working memory is associated with fear extinction performance. *Behaviour research and therapy*.
- Tang, E., Giusti, C., Baum, G. L., Gu, S., Pollock, E., Kahn, A. E., Roalf, D. R., **Moore, T. M.**, ... & Bassett, D. S. (2017). Developmental increases in white matter network controllability support a growing diversity of brain dynamics. *Nature Communications*, 8(1), 1252.
- Tang, S. X., Moberg, P. J., James, J. Y., Wiemken, A. S., Dress, E. M., **Moore, T. M.**, ... & Gur, R. C. (2018). Olfactory deficits and psychosis-spectrum symptoms in 22q11.2 deletion syndrome. *Schizophrenia Research*.
- Tang, S. X., **Moore, T. M.**, Calkins, M. E., James, J. Y., McDonald-McGinn, D. M., Zackai, E. H., Emanuel, B. S., Gur, R. C., & Gur, R. E. (2018). Emergent, remitted and persistent psychosis-spectrum symptoms in 22q11.2 Deletion Syndrome. *Translational Psychiatry*.
- Tang, S. X., **Moore, T. M.**, Calkins, M. E., James, J. Y., Savitt, A., Kohler, C. G., ... & Gur, R. C. (2017). The Psychosis Spectrum in 22q11.2 Deletion Syndrome Is Comparable to That of Nondeleted Youths. *Biological Psychiatry*.
- Tang, S. X., Seelaus, K. H., **Moore, T. M.**, Taylor, J., Moog, C., O'Connor, D., ... & Gur, R. C. (2019). Theatre improvisation training to promote social cognition: A novel recovery-oriented intervention for youths at clinical risk for psychosis. *Early Intervention in Psychiatry*.
- Tang, S. X., Yi, J., **Moore, T. M.**, Calkins, M. E., Kohler, C. G., Whinna, D. A., ... & Gur, R. E. (2014). Subthreshold Psychotic Symptoms in 22q11.2 Deletion Syndrome. *Journal of the American Academy of Child & Adolescent Psychiatry*, 53(9), 991-1000.
- Thomas, M. L., Brown, G. G., Gur, R. C., **Moore, T. M.**, Patt, V. M., Nock, M. K., ... & on behalf of the Army STARRS Collaborators. (2015). Measurement of latent cognitive abilities involved in concept identification learning. *Journal of clinical and experimental neuropsychology*, 37(6), 653-669.
- Thomas, M. L., Brown, G. G., Gur, R. C., **Moore, T. M.**, Patt, V. M., Risbrough, V. B., & Baker, D. G. (2018). A signal detection–item response theory model for evaluating neuropsychological measures. *Journal of Clinical and Experimental Neuropsychology*, 1-16.

Tooley, U. A., Mackey, A. P., Ciric, R., Ruparel, K., **Moore, T. M.**, Gur, R. C., ... & Bassett, D. S. (2019). Associations between Neighborhood SES and Functional Brain Network Development. **Cerebral Cortex**.

White, L. K., **Moore, T. M.**, Calkins, M. E., Wolf, D. H., Satterthwaite, T. D., Gur, R. C., & Gur, R. E. (2017). Specificity of the Associations between Psychopathology and Executive Function Impairment in Youth. *Journal of the American Academy of Child & Adolescent Psychiatry*, 56(10), S234.

Wrocklage, K. M., Schweinsburg, B. C., Krystal, J. H., Trejo, M., Roy, A., Weisser, V., **Moore, T. M.**, Southwick, S. M., & Scott, J. C. (2016). Neuropsychological Functioning in Veterans with Posttraumatic Stress Disorder: Associations with Performance Validity, Comorbidities, and Functional Outcomes. *Journal of the International Neuropsychological Society*, 22(04), 399-411.

Xia, C. H., Ma, Z., Ciric, R., Gu, S., Betzel, R. F., Kaczkurkin, A. N., ... **Moore, T. M.** ... & Satterthwaite, T. D. (2018). Linked dimensions of psychopathology and connectivity in functional brain networks. *Nature communications*, 9(1), 3003.

Xu, Y., Boyd, R. C., Butler, L., **Moore, T. M.**, & Benton, T. D. (2017). Associations of Parent-Adolescent Discrepancies in Family Cohesion and Conflict with Adolescent Impairment. *Journal of Child and Family Studies*, 26(12), 3360-3369.

Yi, J. J., Weinberger, R., **Moore, T. M.**, Calkins, M. E., Guri, Y., McDonald-McGinn, D. M., ... & Gur, R. C. (2016). Performance on a computerized neurocognitive battery in 22q11. 2 deletion syndrome: A comparison between US and Israeli cohorts. *Brain and Cognition*, 106, 33-41.

Yu, M., Linn, K. A., Shinohara, R. T., Oathes, D. J., Cook, P. A., Duprat, R., ..., **Moore, T. M.**, ... & Sheline, Y., I. (2019). Childhood trauma history is linked to abnormal brain connectivity in major depression. *Proceedings of the National Academy of Sciences*, 116(17), 8582-8590.

Ad hoc Reviewer: *Neuropsychology, Journal of Statistical Software, Educational and Behavioral Statistics, Schizophrenia Bulletin, Evolution and Human Behavior, Sleep, European Journal of Personality*

Other Experience

Momentum @ Work, LLC: Statistical Consultant

June 2010 – January 2019

Austin, TX; Santa Monica, CA

- Assessed eligibility (and predicted performance) of U.S. Foreign Service Officers (Foreign Commercial Service and Foreign Agricultural Service)
- Prepared visual analogs of analysis for owner (Allison K. Brenner, LLC)

Mauldin Management: Statistical Consultant

March 2011 – June 2011

Arlington, TX

- Predicted use of (and satisfaction with) Lifeline Skin Care products (www.lifelineskincare.com)
- Modeled consumer tastes and recommendations (via Structural Equation Modeling)

Millennium Wave Investments: Statistical Consultant

September 2008 – March 2009

Dallas, TX

- Predicted financial outcomes in a very narrow sample (multi-millionaires)
- Created investor profiles based on personality, demographics, and portfolio success
- Prepared visual analogs of analysis for a popular (non-academic) book

Solid Earth: Statistical Analyst

April 2006 – July 2007

Huntsville, AL

- Analyzed demographic and financial data to classify home tastes (via factor analysis)
- Predicted home prices (via regression)
- Analyzed geographical and geological characteristics of property that most determine desirability
- Created visual analogs of analysis for 12 Boards of REALTORS nationwide (~30,000 REALTORS)
- Wrote SQL to retrieve, filter, and format data matrices

Watson Wyatt Worldwide: Compensation Analyst

August 2005 – April 2006

New York, NY

- Researched trends in CEO pay and the link between pay and performance
- Used proxy statements, job descriptions, and Form 4s to evaluate salary appropriateness
- Prepared visual analogs of analysis for ~8 *Fortune 500* companies

Teach for America: Statistical Consultant

January 2008 – April 2008

New York, NY

- Predicted matriculation rates (via regression)
- Created teacher profiles (via factor analysis)
- Prepared visual analogs of analysis for internal, middle-upper management