

Megan Perrin, PhD, MPH

Licensed Psychologist (PA & NJ)

License #: PS 018040 (PA), 35SI00616800 (NJ)

Clinical Neuropsychologist

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EDUCATION

City University of New York, Queens College, New York, New York

Ph.D., Clinical Psychology: Neuropsychology **2006-2013**

- Dissertation: "The Contribution of Early Sensory Processing Deficits to Attention Impairments Associated with Schizophrenia"
- Thesis: "Examination of Within Hemifield Impairments in Spatial Localization Characteristic of Individuals with Schizophrenia"

Columbia University

M.P.H., Epidemiology **2003**

Thesis: "Growth Trajectory During Early Life and Adult Risk of Schizophrenia"

University of Buffalo

B.A. in Psychology **1998**

AWARDS

- Most Impactful Journal Article of 2007, New York City Department of Health and Mental Hygiene **2008**
- Science Fellowship, The City University of New York, The Graduate Center **2006**
- Phoenix Fellowship, Columbia University **2001**
- University at Buffalo Dean's List **2001**

PROFESSIONAL EXPERIENCE

Neuroanalytics, LLC

Forensic and Clinical Neuropsychologist, Private Practice **1/2016-present**

Perform comprehensive neuropsychological evaluations of clinically referred clients and individuals involved in criminal and civil court proceedings. Clinical services are provided to individuals 6 years or older presenting with cognitive impairment, neurological dysfunction or psychiatric illness. Reviewed the neuropsychological and neurological records for approximately 300 litigants involved in the NFL Class Action Settlement to validate clinical interpretations and confirm diagnoses.

Holistic Cognitive Consultants, LLC

Consulting Forensic and Clinical Neuropsychologist **4/2016-2020**

Collaborate with Susan Rushing, MD to provide neuropsychological consultation and diagnostic evaluations for clinically referred clients and individuals involved in criminal and civil litigation.

AAA Neuropsychology

Consulting Clinical Neuropsychologist **5/2016-10/2017**

Provided comprehensive neuropsychological evaluations to individuals clinically referred for cognitive and emotional difficulties

CLINICAL TRAINING

University of Pennsylvania, Department of Psychiatry, Neuropsychiatry, Philadelphia, PA

Post-doctoral Neuropsychology Fellow **7/2013-7/2016**

Supervisors: Paul Moberg, PhD, Ruben Gur, PhD

Performed comprehensive neuropsychological evaluations for medical-legal, criminal and clinically referred cases. Conducted research assessing neurological dysfunction and cognitive impairments associated with prenatal exposure to alcohol as well as studies of cognitive deficits associated with adult violence.

Memory Clinic, Bennington, VT

Pre-doctoral Psychology Intern

9/2011- 11/2012

Supervisors: Paul Solomon, PhD, Cynthia Murphy, PsyD, MBA

Performed neuropsychological assessments and prepared comprehensive evaluations of individuals referred for cognitive impairment and neurodegenerative disorders. Conducted cognitive behavioral therapy and supportive psychotherapy of individuals diagnosed with dementia and their caregivers.

Columbia University, Comprehensive Epilepsy Center, New York, NY

Psychology Extern

9/2010-6/2011

Supervisors: Marla Hamberger, PhD and Evan Drake, PhD

Performed neuropsychological assessments and prepared comprehensive evaluations of individuals undergoing surgery for intractable epilepsy and other neurological conditions. Attended surgical case conferences and observed intracarotid amobarbital testing (Wada Test) and intracranial cortical language mapping.

New York Center for Children, New York, NY

Psychology Extern

7/2009-9/2010

Supervisor: Edward Greenblatt, PhD

Provided individual psychotherapy to child victims of neglect, physical and sexual abuse ages 3 to 15 years; orientations included Play therapy, Trauma-focused Cognitive Behavioral therapy, and Psychodynamic therapy. Co-lead weekly group therapies for adult survivors of child sexual abuse and teens aging out of foster care.

Westchester Jewish Community Services, Court Assessment Program, Hartsdale, NY

Forensic Psychology Extern

9/2008-7/2009

Supervisor: Kathleen McKay, PhD

Performed personality and psychoeducational assessments of juveniles referred for court-mandated forensic evaluations and adults involved in custody/visitation proceedings. Prepared comprehensive forensic evaluations for adult probation cases and psychoeducational evaluations for custody/visitation and juvenile offense proceedings.

Nathan Kline Institute for Psychiatric Research, Inpatient Unit, Orangeburg, NY

Volunteer Psychology Extern

10/2007-8/2008

Supervisor: Nadine Revheim, PhD

Led a weekly cognitive remediation group therapy. Co-led a weekly supportive spirituality group therapy and attended community meetings where patients discussed issues with living on an inpatient unit.

RESEARCH EXPERIENCE

Nathan Kline Institute for Psychiatric Research, Orangeburg, NY

Graduate Research Assistant

2006-2013

Principal Investigator: Daniel C. Javitt, MD, PhD

Performed neuropsychological, behavioral and electrophysiological investigations of visual and auditory processing deficits in individuals with schizophrenia. Authored four manuscripts assessing the contribution of sensory processing impairments to cognitive dysfunction characteristic of schizophrenia. Presented findings at one scientific conference.

New York City Department of Health and Mental Hygiene, Epidemiology, New York, NY

Research Scientist

2013-2016

Principal Investigator: Robert Brackbill, PhD

Assessed physical and mental health outcomes in a large cohort of survivors of the World Trade Center disaster (n=71,000). Authored three published manuscripts assessing risk factors of post-traumatic stress disorder and respiratory illness among survivors. Presented findings at two scientific conferences and two community meetings.

Columbia University, Mailman School of Public Health, New York, NY

Data Analyst

2003-2006

Principal Investigator: Ezra Susser, MD, DrPH
Performed data management and analysis of the Prenatal Determinants of Schizophrenia Cohort, a longitudinal birth cohort study assessing developmental antecedents of schizophrenia.

New York State Psychiatric Institute, Epidemiology of Brain Disorders, New York, NY

Research Project Coordinator/Data Analyst

2001-2003

Principal Investigator: Alan Brown, MD, MPH
Assisted in serological investigations of the association between prenatal infection and developmental insults and adult schizophrenia. Published a manuscript assessing the association between growth patterns and adult schizophrenia.

Children's Hospital of Buffalo, Child and Adolescent Psychiatry, Buffalo, NY

Clinical Research Project Coordinator

1998-2001

Supervisor: David Sandberg, PhD
Assessed cognitive functioning of individuals referred for short stature using the Woodcock Johnson, Revised. Presented findings at two scientific conferences.

Children's Hospital of Buffalo, Department of Pediatric Endocrinology, Buffalo, NY

Research Project Coordinator

1998-2001

Supervisor: Tom Mazur, PsyD
Assisted in psychosocial and psychosexual evaluations of adults born with ambiguous genitalia. Authored a manuscript examining the psychological well-being of individuals diagnosed with micropenis. Prepared presentations for four scientific conferences.

AD HOC PEER REVIEWER

- . British Journal of Psychiatry
- . American Journal of Psychiatry
- . Archives of General Psychiatry
- . Journal of American Medical Association
- . Journal of Police and Criminal Psychology
- . American Journal of Alzheimer's Disease and Other Dementias
- . Psychiatry Research
- . Journal of Traumatic Stress Studies
- . Journal of Nervous and Mental Disease
- . Progress in Neuropsychopharmacology and Biological Psychiatry

PUBLICATIONS

Moberg, PJ, **Perrin, MA**, Brennan, L, Pugh, M & Reed, K. Cognition in Fetal Alcohol Spectrum Disorders: A Meta-Analytic Review (in preparation).

Perrin M.A., Butler, P., Wieskopf, N. Saccente, E. Javitt, D.C. Early visual processing deficits contribute to impaired performance on traditional measures of attention in schizophrenia (in preparation).

Perrin, M.A., Kantrowitz, J., Silipo, G., Dias, E., Jabado, O., Javitt, D.C., (2017), Mismatch negativity (MMN) to spatial deviants and behavioral discrimination ability in the etiology of auditory verbal hallucinations and thought disorder in schizophrenia. *Schizophrenia Research*. May 17.

Friedman, T., Sehatpour, P., Dias, E., **Perrin, M.A.**, Javitt, D.C. (2012), Differential relationships of mismatch negativity and visual P1 deficits to premorbid characteristics and functional outcome in schizophrenia. *Biological Psychiatry*. 71:521-529..

Perrin, M.A. Butler, P., DiCostanzo, J., Forchelli, G. Silipo, G., Javitt, D.C. (2010). Spatial localization deficits and auditory cortical dysfunction in schizophrenia. *Schizophrenia Research*, 124:161-168.

Greenberg, W.M., Benedict, M., Doerfer, J., **Perrin, M.A.**, Panek, L., Cleveland, W.L., & Javitt, D.C. (2009) Adjunctive glycine in the treatment of obsessive-compulsive disorder. *Journal of Psychiatric Research*. 6:664-670.

DiGrande, L., **Perrin, M.A.**, Brackbill, R.M., Wu, D., Thalji, L., & Thorpe, L.E. (2008) Posttraumatic stress symptoms, PTSD and risk factors among lower Manhattan residents 2-3 years after the September 11, 2001 terrorist attacks. *Journal of Traumatic Stress*. 21: 264-273.

Perrin, M.A., Chen, H., Sandberg, D.E., Malaspina, D., & Brown, A.S. (2007) Growth trajectory during early life and risk of adult schizophrenia. *British Journal of Psychiatry*. 191: 512-520 (highlighted article).

- Perrin, M.A.**, DiGrande, L., Wheeler, K., Thorpe, L., Farfel, M., & Brackbill, R.M. (2007) Differences in PTSD prevalence and associated risk factors among World Trade Center disaster rescue recovery workers. *American Journal of Psychiatry*. 164: 1385-1394 (spotlighted article).
- Wheeler, K., McKelvey, W., Thorpe, L. **Perrin, M.A.**, Cone, J., Kass, D. Farfel, M, Thomas, P, Brackbill, R. (2007). Asthma diagnosed after September 11, 2001 among rescue and recovery workers: Findings from the World Trade Center Health Registry baseline questionnaire. *Environmental Health Perspectives Online*. 115:1584-1590.
- Brackbill, R.M. DiGrande, L., Thorpe, L.E., **Perrin, M.A.**, Sapp J., Wu D., Campolucci, S. Walker D., Cone, J., Pulliam P., Thalji L., and Thomas, P. (2006) Surveillance for World Trade Center health effects: Special focus on collapsed and damaged building occupant survivors. *Morbidity and Mortality Weekly Report*. Surveillance Summaries; April
- Pulliam, P., Thalji, L., DiGrande, L., **Perrin, M.**, Walker, D., Wu, D., Dolan, M., Triplett, S., Dean, E., Peele, P. & Brackbill, R.M. (2005) *World Trade Center Health Registry: Data File User's Manual*. Research Triangle Institute, New York City Department of Health and Mental Hygiene, and the Agency for Toxic Substances and Disease Registry. New York, New York
- Mazur, T., Sandberg, D.E., **Perrin, M.A.**, Gallagher, J., & MacGillivray, M.H. (2004) Male pseudohermaphroditism: Quality of life outcome data in five 46, XY individuals reared female. *Journal of Pediatric Endocrinology and Metabolism*. 17(6):809-23.
- Brown, A.S., Hooton, J., Schaefer, C.A., Zhang, H., Petkova, E., Babulas, V., **Perrin, M.A.**, Gorman J.M., & Susser E. (2004) Elevated maternal interleukin-8 levels and risk of schizophrenia in adult offspring. *American Journal of Psychiatry*. 161(5): 889-95.
- Wheeler, K., McKelvey, W., Thorpe, L. **Perrin, M.A.**, Cone, J., Kass, D. Farfel, M, Thomas, P, Brackbill, R. (2007). Asthma diagnosed after September 11, 2001 among rescue and recovery workers: Findings from the World Trade Center Health Registry baseline questionnaire. *Environmental Health Perspectives Online*. 115:1584-1590.
- Brackbill, R.M. DiGrande, L., Thorpe, L.E., **Perrin, M.A.**, Sapp J., Wu D., Campolucci, S. Walker D., Cone, J., Pulliam P., Thalji L., and Thomas, P. (2006) Surveillance for World Trade Center health effects: Special focus on collapsed and damaged building occupant survivors. *Morbidity and Mortality Weekly Report*. Surveillance Summaries; April
- Pulliam, P., Thalji, L., DiGrande, L., **Perrin, M.**, Walker, D., Wu, D., Dolan, M., Triplett, S., Dean, E., Peele, P. & Brackbill, R.M. (2005) *World Trade Center Health Registry: Data File User's Manual*. Research Triangle Institute, New York City Department of Health and Mental Hygiene, and the Agency for Toxic Substances and Disease Registry. New York, New York
- Mazur, T., Sandberg, D.E., **Perrin, M.A.**, Gallagher, J., & MacGillivray, M.H. (2004) Male pseudohermaphroditism: Quality of life outcome data in five 46, XY individuals reared female. *Journal of Pediatric Endocrinology and Metabolism*. 17(6):809-23.
- Brown, A.S., Hooton, J., Schaefer, C.A., Zhang, H., Petkova, E., Babulas, V., **Perrin, M.A.**, Gorman J.M., & Susser E. (2004) Elevated maternal interleukin-8 levels and risk of schizophrenia in adult offspring. *American Journal of Psychiatry*. 161(5): 889-95.

CONFERENCE PRESENTATIONS

- Perrin, M.**, DiGrande, L., Brackbill, R., & Farfel, M. (2005, December). The impact of 9/11 experience on the Mental Health of Survivors of Collapsed and Damaged Buildings on September 11, 2001: Results from the World Trade Center Health Registry (WTCHR). Paper presented at the 133rd Annual Meeting of the American Public Health Association, Philadelphia, PA.
- Brackbill, R., DiGrande, L., **Perrin, M.**, & Farfel, M. (2005, December). Protocol for mitigating and responding to psychological distress during the World Trade Center Health Registry (WTCHR) Baseline Interview. Paper presented at the 133rd Annual Meeting of the American Public Health Association, Philadelphia, PA.
- Perrin, M.A.**, Hazen, R.A., Alliger, D., & Sandberg, D.E. (2001, April). Threats to growth hormone therapy adherence: Pre-treatment factors. Poster presented at the Eighth Florida Conference on Child Health Psychology. Gainesville, FL.
- Mazur, T., Sandberg, D.E., **Perrin, M.A.**, & MacGillivray, M.H. (2001, June). Males with small or micropenis: Adult quality of life and psychosexual outcomes. Paper presented at the Fifteenth World Congress of Sexology Conference. Paris, France.
- Mazur, T., Sandberg, D.E., **Perrin, M.A.**, & MacGillivray, M.H. (2001, June). Male pseudohermaphroditism: Quality of life outcome data in five 46, XY individuals reared female. Paper presented at the Fifteenth World Congress of Sexology Conference. Paris, France.
- Perrin, M.A.**, & Sandberg, D.E. (2000, April). Contextual influences in the psychosocial adaptation of youths with short stature. Poster presented at the Millennium Conference of the Great Lakes Society of Pediatric Psychology, Cleveland, OH
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Mazur, T., Sandberg, D.E., **Perrin, M.A.**, Gallagher, J., Buchlis, J.G., Nadgir, U.M., & MacGillivray, M.H. (2000, June). Patients with micro or small penis reared male: Adult quality of life and psychosexual outcomes. Poster presented at the Endocrine Society's Eighty-second Annual Meeting. Toronto, ON.

Mazur, T., Sandberg, D.E., **Perrin, M.A.**, Gallagher, J., Shine, B.J., Gundner, W.M., & MacGillivray, M.H. (2000, June). Male pseudohermaphroditism: quality of life in five 46 XY individuals reared female. Poster presented at the Endocrine Society's Eighty-second Annual Meeting, Toronto, Canada

INVITED TALKS

Perrin, MA (2021, March). COVID-19 & Confinement: The Impact of the Pandemic on Mental health and Well-being in Inmates. National Public Defense Virtual Conference

Perrin, MA (2020, June). Miller Re-sentencing and Adolescent Brain Development. New Jersey Office of Public Defender Virtual Training Seminar Series.

Rushing, S & **Perrin, MA** (2019, March) Evaluation of Competence in a Defendant with a Stroke History, Penn Medicine, Department of Psychiatry, Practical Applications in Forensic Psychiatry

Perrin, MA (2019, January). Strategies to Improve the Efficacy of Neuropsychological Expert Witness Testimony in Civil Litigation, Delaware County Trial Lawyers Association, Temple University Trial Advocacy Program

Perrin, MA (2018, June) Ensuring Effective Neuropsychological Expert Witness Testimony in Civil Litigation, Delaware County Trial Lawyers Association, Bucks County Bar Association

Perrin, MA (2018, March) The Utility of Neuropsychological Assessment in Criminal Litigation, Penn Medicine, Department of Psychiatry, Practical Applications in Forensic Psychiatry

Perrin, MA (2018, March) Strategies to Improve the Efficacy of Neuropsychological Expert Witness Testimony in Civil Litigation, Delaware County Trial Lawyers Association

Perrin, M.A., DiGrande, L., Wheeler, K., Thorpe, L., Farfel, M., & Brackbill, R.M. (2007, November). Posttraumatic Stress Disorder Prevalence Among World Trade Center Rescue Recovery Workers. World Trade Center Health Registry Second Annual Public Meeting. Michael Schimmel Center for the Arts, Pace University.

Perrin, M.A., DiGrande, L., Wheeler, K., Thorpe, L., Farfel, M., & Brackbill, R.M. (2007, January). Differences in PTSD prevalence and associated risk factors among World Trade Center disaster rescue recovery workers. Paper presented at the New York City Department of Health and Mental Hygiene, Epidemiology Grand Rounds, New York, NY.

PROFESSIONAL AFFILIATIONS

- . Philadelphia Neuropsychological Society
- . American Psychological Association

ADVANCED CLINICAL AND ANALYTICAL TRAINING

- . Autism Diagnostic Observation Schedule-2 Workshop, Fort Lauderdale, FL **2018**
- . Structured Clinical Interview for DSM-IV Training, Orangeburg, NY **2009**
- . Measurement and Treatment Research to Improve Cognition in Schizophrenia Training, Orangeburg, NY **2010**
- . ERP Boot Camp, UC Davis, CA **2007**
- . SAS Programming Level II: Manipulating the Data with DATA Step, New York, NY **2005**
- . SQL Processing with SAS, New York, NY **2005**
- . Multivariate Statistical Methods: Practical Research Applications, Philadelphia, PA **2005**

ANALYTICAL SKILLS

- . Simple linear and logistic regression analyses, multivariate regression analysis, analysis of variance and analysis of covariance
- . Repeated measures analysis of variance, hierarchical linear modeling and repeated measures logistic regression analyses
- . Structural equation modeling, principal component and factor analyses, canonical correlations analyses