

Curriculum Vitae

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EXPERIENCE

Senior Research Scientist, Psychiatry Neuroimaging Laboratory, Brigham & Women's Hospital, Boston, MA, April 2011-present

Research Associate, Psychology Research Laboratory, McLean Hospital, Belmont, MA. 1983-present.

Assistant Psychologist, Department of Psychology, McLean Hospital, Belmont, MA. 1988-present.

Coordinator & Clinical Supervisor, Clinical Research Recruitment Core, Psychotic Disorders Program, McLean Hospital, Belmont, MA. 2009 – present.

Clinical Interviewer, National Comorbidity Survey, Department of Health Care Policy, Harvard Medical School, Boston, MA. 2001-2006.

Clinical Supervisor, Ledge Community and Residential Treatment Center, Psychotic Disorders Program, McLean Hospital, Belmont, MA. 1988-1995.

Kuwait Adjunct Faculty, Suffolk University, Boston, MA 1995.

Clinical Fellow in Psychology, Department of Psychiatry, Harvard Medical School, Boston, MA. 1983-1988.

Clinical Fellow in Psychology, Department of Psychology, McLean Hospital, Belmont, MA. 1983-1988.

Clinical Psychology Intern, Department of Psychology, McLean Hospital, Belmont, MA. 1982-1983.

Adjunct Assistant Professor, Department of Psychology, Long Island University, Brooklyn, NY. 1981-1982.

Teaching Assistant, Department of Psychology, Long Island University, Brooklyn, NY and Rorschach Workshops, Inc., Bayville, NY. 1980-1982.

Research Assistant, Department of Psychology, Long Island University, Brooklyn, NY and Rorschach Workshops, Inc., Bayville, NY. 1979-1982.

Psychology Extern, Downstate University Hospital, Brooklyn, NY. 1980-1981.

Psychology Extern, Stony Lodge Hospital, Ossining, NY. 1978-1980.

Vocational Rehabilitation Coordinator, Yale Psychiatric Institute, New Haven, CT. 1977-1978.

Sociotherapy Liaison, Yale Psychiatric Institute, New Haven, CT. 1976-1977.

Psychiatric Aide, Yale Psychiatric Institute, New Haven, CT. 1973-1976.

EDUCATION

Ph.D. Program in Clinical Psychology (A.B.D.), Long Island University, Brooklyn, NY. 1978-1982.

M.A. in Clinical Psychology, Long Island University, Brooklyn, NY. 1981.

B.S. in Psychology, Manhattan College, Riverdale, NY. 1975.

HONORS

PSI CHI, The National Honor Society for Psychology.

SIGMA XI, The Scientific Research Society of North America.

EPSILON SIGMA PI, The Scholastic Honor Society of Manhattan College.

PUBLICATIONS

Solovay, M.R., Shenton, M.E., Gasperetti, C., Coleman, M. Kestnbaum, E., Carpenter, T., & Holzman, P.S. Scoring manual for the thought disorder index. *Schizophrenia Bulletin*, 12:483-496, 1986.

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Shenton, M.E., Faux, S.F., McCarley, R.W., Ballinger, R., Coleman, M., & Duffy, F.H. Clinical correlates of auditory P200 topography and left temporo-central deficits in schizophrenia: A preliminary study. *Journal of Psychiatric Research*, 23:13-34, 1989.

Shenton, M.E., Solovay, M.R., Holzman, P.S., Coleman, M., Gale H.J. Thought disorder in the relatives of psychotic patients. *Archives of General Psychiatry*, 46:987-901, 1989.

Shenton, M.E., Ballinger, R., Marcy, B., Faux, S.F., McCarley, R.W., Cane, M.B., Lemay, M., Cassens, G., Coleman, M., Duffy, F.H. Syndromes of schizophrenic psychopathology associated with left versus right temporal deficits and P200 amplitude: 4 case reports. *Journal of Nervous and Mental Disease*, 177:219-225, 1989.

Shenton, M.E., Solovay, M.R., Holzman, P.S., Coleman, M., & Gale H.J. Letter in reply to Berenbaum. *Archives of General Psychiatry*, 1991.

Shenton, M.E., Kikinis, R., Jolesz, F.A., Pollak, S.D., LeMay, M., Wible, C.G., Hokama, H., Martin, J., Metcalf, D., Coleman, M., McCarley, R.W. Abnormalities of the left temporal lobe and thought disorder in schizophrenia. *The New England Journal of Medicine*, 327:604-612, 1992.

Carpenter, J.T., Coleman, M.J., Wateraux, C., Perry, J., Wong, H., O'Brian, C., Holzman, P.S. The Thought Disorder Index: Short-form assessments. *Psychological Assessment*, 5:75-80, 1993.

Coleman, M.J., Carpenter, J.T., Wateraux, C., Levy, D., Shenton, M., Perry, J., Medoff, D., Wong, H., Monoach, D., Meyer, P., O'Brian, C., Valentino, C., Robinson, D., Smith, M., Makowski, D., Holzman, P.S. The Thought Disorder Index: A Reliability Study. *Psychological Assessment*, 5:336-342, 1993.

Holzman, P.S., Coleman, M., Lenzenweger, M.F., Levy, D.L., Matthyse, S., O'Driscoll, G., Park, S. (1995). Working memory deficits, antisaccades, and thought disorder in relation to perceptual aberration. In: Raine, A., Lencz, T., Mednick, S. (Eds.), *Schizotypal Personality*, (pp. 353-381). Cambridge: Cambridge University Press.

Coleman, M.J., Levy, D.L., Lenzenweger, M.F., Holzman, P.S. Thought disorder, perceptual aberrations, and schizotypy. *Journal of Abnormal Psychology*, 105:3, 1996.

Coleman, M.J., Matthyse, S., Barnard, J., Lo, Y., Cook, S., Levy, D.L., Rubin, D.B., Holzman, P.S. Spatial and object working memory impairments in schizophrenia patients. *Journal of Abnormal Psychology*, 111:3, 425-435, 2002.

Cook, S., Barnard, J., Lo, Y., Rubin, D.B., Coleman, M.J., Matthyse, S., Levy, D.L., Holzman, P.S. Working memory impairments in schizophrenia patients: A Bayesian bivariate IRT analysis. In: Gatsonis C, Carriquiry A, Gelman A, Higdon D, Kass RE, Pauler D, Verdinelli I (eds), *Case Studies in Bayesian Statistics*. New York: Springer Verlag, 2002, pp. 193-206.

Manoach, D.S., White, N.S., Lindgren, K.A., Heckers, S., Coleman, M.J., Dubal, S., Holzman, P.S. Hemispheric specialization of the lateral prefrontal cortex for strategic processing during spatial and shape working memory. *NeuroImage*, 21:894-903, 2004.

Coleman M.J., Cestnick L., Krastoshevsky O., Krause V., Huang Z., Mendell N.R., Levy D.L. Schizophrenia Patients Show Deficits in Shifts of Attention to Different Levels of Global-Local Stimuli: Evidence for Magnocellular Dysfunction. *Schizophrenia Bulletin*;35(6):1108-1116, 2009.

Levy, D.L., Coleman, M.J., Sung, H., Ji, F., Mendell, N.R., Titone, D. The genetic basis of thought disorder and language and communication disturbances in schizophrenia. *Neurolinguistics*, 23: 176-192, 2010.

Coleman M.J., Titone D., Krastoshevsky O., Krause V., Huang Z., Mendell N.R., Eichenbaum H., Levy D.L.. Reinforcement Ambiguity and Novelty Do Not Account for Transitive Inference Deficits in Schizophrenia. *Schizophrenia Bulletin*, 36(6):1187-1200, 2010.

Gooding D.C., Coleman M.J., Roberts S.A., Shenton M.E., Levy D.L., Erlenmeyer-Kimling L. Thought Disorder in Offspring of Schizophrenic Parents: Findings From the New York High-Risk Project. *Schizophrenia Bulletin* 38: 263-271.

Coleman MJ, Krastoshevsky O, Tu X, Mendell NR, Levy DL (2012). The effects of perceptual encoding on the magnitude of object working memory impairment schizophrenia. *Schizophrenia Research*, 139: 60-65. PMID: 22640637

Docherty AR, Coleman MJ, Tu X, Deutsch CL, Mendell NR, Levy DL (2012). Comparison of putative intermediate phenotypes in schizophrenia patients with and without obsessive-compulsive disorder: Examining evidence for the schizo-obsessive subtype. *Schizophrenia Research*, 140: 83-86. PMID: 22796151

ABSTRACTS

Shenton, M.E., Faux, S.F., McCarley, R.W., Coleman, M., Penhune, V.B., Ludwig, A. Positive symptoms are correlated with auditory P300 left temporal deficit in schizophrenia: A replication study. *APA New Research Abstracts*, 1989.

Shenton, M.E., Faux, S.F., McCarley, R.W., Coleman, M., Penhune, V.B., Ludwig, A. Schizophrenia: Auditory P300 topographic analyses correlated with positive symptoms. *Schizophrenia Research Abstracts*, 2:87, 1989.

Coleman, M.J., Shenton, M.E., Shapiro, B., Erlenmeyer-Kimling, L. Thought disorder profiles in offspring of schizophrenic parents in the New York high-risk project. *Schizophrenia Research Abstracts*, 15:8, 1995.

Matthysse S, Levy D.L., Deutsch C., Bloom R., Coleman M.J., Yurgelun-Todd D., Holzman P.S. How do co-familial traits segregate? *Schizophrenia Research Abstracts*, 24:3, 1997.

Coleman, M.J., Levy, D.L., Ramagopal, V., Holzman, P.S. Thought disorder and schizophrenia: specificity and familial aggregation. *Schizophrenia Research Abstracts*, 36:3, 1999.

Coleman, M.J., Ramagopal, V., Lavancher, C., Brownstein, J., Clark, G., Levy, D.L., Matthysse, S., Holzman, P.S. Spatial and object working memory and schizophrenia: Specificity and familial aggregation. *Schizophrenia Research Abstracts*, 36:3, 1999.

Coleman, M.J., Matthysse, S., Levy, D.L., Lo, Y., Rubin, D.B., Barnard, J., Cook, S., Holzman, P.S. Spatial and object working memory impairments in schizophrenia patients. *Schizophrenia Research Abstracts*, 49:1, 2001.

Coleman, M.J., Levy, D.L., Holzman, P.S., Thought disorder in schizophrenia and bipolar disorder: Specificity and familial aggregation. *Schizophrenia Research*, 60:1, 2003.

Coleman, M.J., Krastoshevsky, O., Krause, V., Holzman, P.S., Eichenbaum, H.B., Titone, D., Levy, D.L. Transitive inference: Disambiguating reinforcement sensitivity and task difficulty from relational memory deficits in schizophrenia patients. *Schizophrenia Bulletin*, 33:2, 2007.

Krastoshevsky, O., Coleman, M.J., Krause, V., Mendell, N.R., Levy, D.L. The role of visual perception deficits in working memory impairment in schizophrenia. *Schizophrenia Bulletin*, 35:1, 2009.

Coleman, M.J., Cestnick, L., Krastoshevsky, O., Krause, V., Huang, Z., Mendell, N.R., Levy, D.L. Schizophrenia patients show deficits in intra-stimulus shifts of attention to different levels of global-local stimuli. *Schizophrenia Bulletin*, 35:1, 2009.

Levy, D.L., McCarthy, S., Krause, V., Malhotra, D., Coleman, M., Boling, L., Bodkin, J.A., Lerbinger, J., Johnson, F., Cole, J., Gibbs, A., Deutsch, C.K., Mendell, N.R., Sebat, J. High frequency of rare genomic variants in schizophrenia. *Schizophrenia Bulletin*, 35:1, 2009.