

# CURRICULUM VITAE

University of Pittsburgh  
School of Medicine

Name: **Nancy J. Minshew, MD**

Business Address: Western Psychiatric Institute & Clinic  
Webster Hall Suite 300, 3811 O'Hara Street  
Pittsburgh, PA 15213

E-mail Address: [minshewnj@upmc.edu](mailto:minshewnj@upmc.edu)

Business Phone: (412) 246-5485

Business Fax: (412) 246-5470

---

## EDUCATION AND TRAINING

---

### UNDERGRADUATE

DATES	NAME AND LOCATION OF INSTITUTION	DEGREE/YR	MAJOR SUBJECT
1967-1970	Mills College Oakland, California	BA 1971	Chemistry

### GRADUATE

DATES	NAME AND LOCATION OF INSTITUTION	DEGREE/YR	MAJOR SUBJECT
1970-1974	Washington University Medical School St. Louis, Missouri	MD 1974	Medicine

### POST GRADUATE

DATES	NAME AND LOCATION OF INSTITUTION	PROGRAM DIRECTOR /DISCIPLINE
1974-1975	St. Louis Children's Hospital St. Louis, Missouri	Philip R. Dodge, MD Pediatric Internship
1975-1976	Eastern Virginia Medical School Norfolk, Virginia	Melissa A. Warfield, Pediatric Residency
1977	Old Dominion University & Eastern Virginia Graduate School of Medicine Norfolk, Virginia	Research Associate
1977-1980	University of Texas, Health Science Center at Dallas Southwestern Medical School, Dallas, Texas	Michael E. Blaw, MD Pediatric Neurology Fellowship

---

## APPOINTMENTS AND POSITIONS

---

### ACADEMIC

YEARS INCLUSIVE	NAME AND LOCATION OF INSTITUTION/ORGANIZATION	RANK/TITLE
1977 – 1980	University of Texas Health Science Center at Dallas, Southwestern Medical School Dallas, Texas	Neurology Fellow Teaching Assistant in Neurology
1979 – 1980	University of Texas Health Science Center at Dallas, Southwestern Medical School Dallas, Texas	Chief Resident in Pediatric Neurology

1980 – 1983	University of Texas Health Science Center at Dallas, Southwestern Medical School Dallas, Texas	Assistant Professor of Pediatrics and Neurology
1984 – 1992	University of Pittsburgh School of Medicine Psychiatry and Neurology Pittsburgh, Pennsylvania	Assistant Professor of Psychiatry and Neurology
1992 – 1999	University of Pittsburgh School of Medicine Psychiatry and Neurology Pittsburgh, Pennsylvania	Associate Professor of Psychiatry and Neurology
1999 – 2003	University of Pittsburgh School of Medicine Psychiatry Pittsburgh, Pennsylvania	Associate Professor of Psychiatry With Tenure
2003 – present	University of Pittsburgh School of Medicine Psychiatry and Neurology Pittsburgh, Pennsylvania	Professor of Psychiatry and Neurology With Tenure

**OTHER**

<b>YEARS INCLUSIVE</b>	<b>NAME AND LOCATION OF INSTITUTION OR ORGANIZATION</b>	<b>RANK/TITLE</b>
1997 – 2007	NIH/NICHHD Collaborative Program of Excellence in Autism (CPEA)	Director
2000 –	Center for Autism Research (CeFAR)	Director
2003 – 2008	PA Autism Task Force, appointed by Secretary Estelle B. Richman, PA Department of Public Welfare	Co-Chair
2007 – present	NIH/NICHHD Autism Center of Excellence (ACE)	Director
2011 – 2013	International Society for Autism Research (INSAR)	Secretary
2012	American Academy of Neurology Annual Meeting-Review Abstracts New Orleans, LA	Reviewer
2014	Carnegie Science Center Catalyst Committee Pittsburgh, PA	Panel Member

---

**CERTIFICATION AND LICENSURE**

---

**CERTIFICATION**

<b>CERTIFYING BOARD</b>	<b>YEAR</b>
American Board of Neurology and Psychiatry with Special Competence in Child Neurology	1983
Board Eligibility-Pediatrics	1980

**MEDICAL OR OTHER PROFESSIONAL LICENSURE**

LICENSING BOARD/DATE	YEAR
Virginia Board of Medical Examiners, Virginia, 11-028120	1977
Pennsylvania State Board of Medical Examiners, MD-031871-E	1984

---

## MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

---

ORGANIZATION	YEAR
• American Academy of Neurology	1979-Present
• Child Neurology Society	1979-Present
• Fellow, American Academy of Neurology	1987-Present
• International Neuropsychology Society	1989-Present
• Behavioral Neurology Society	1990-Present
• Society of Biological Psychiatry	1991-Present
• Society for Neuroscience	1992-Present
• American Academy of Child and Adolescent Psychiatry	1992-Present
• American Academy of Neurology, Child Neurology Section	1999-Present

---

## HONORS

---

TITLE OF AWARD	YEAR
• Outstanding Freshman Chemistry Student Award	1968
• Phi Beta Kappa	1969
• California Heart Association Student Research Fellowship	1969
• Argonne National Laboratory Research Fellowship	1970
• Roswell Park Memorial Institute Student Research Fellowship	1970
• Magna Cum Laude, Mills College	1971
• Kellogg Research Fellowship, Washington University Medical School	1971
• Advisory Board on Autism Related Disorders (ABOARD) "2001 Conductor Award" for "Outstanding Professional" in the autism field and dedication	2001
• The Pittsburgh's Post Gazette's 2002 Annual "Your Health" Award "Dozen Making a Difference"	2002
• Distinguished Service Award from Advisory Board on Autism Related Disorders (ABOARD)	2003
• Autism Society of America (ASA) "Champions Award"	2003
• House Resolution No. 350 Session of 2003 – "Recognizing Dr. Nancy Minshew for her outstanding contributions and efforts in the study and treatment of autism and autism spectrum disorders"	2003
• Greater Philadelphia Chapter, Autism Society of America "Hero Award"	2004
• Honored as a finalist in recognition of contributions to the field, New York University Child Study Center Award (Brooke Garber Neidich Award) in Child Mental Health	2004

- Presley Ridge's 2007 Annual Achievement Award for Outstanding Service & Dedication to Children and Youth 2007
- 2009 Autism Society of America Literary Work of the Year". Every year the Autism Society of America (ASA) selects an Outstanding Literary Work of the Year in its Education Division that has made a significant contribution to the broader autism community. ASA's 2009 award recipient is Learners on the Autism Spectrum: Preparing Highly Qualified Educators edited by Kari Dunn Buron and Pamela Wolfberg. The award was presented at 40th National Conference & Expo on Autism in St. Charles, Illinois July 22-25, 2009. Dr. Minshew co-authored a chapter. 2009
- Distinguished Daughter of Pennsylvania 2011 – awarded by Governor Corbett 2011
- Carnegie Science Center Award in the category of Catalyst as a result of excellent work and dedication whose contributions in the fields of science, technology, and education have impacted our region's industrial, academic, and environmental vitality. 2013

---

## PUBLICATIONS

---

### REFEREED ARTICLES

1. Pettegrew JW, **Minshew NJ**, Nichols JS. Membrane fluorescence studies of dystonic fibroblasts. *Trans Am Neurol Assoc.* 1980;105:421-4.
2. Pettegrew JW, **Minshew NJ**. Further evidence of a membrane abnormality in inherited dystonia. *Trans Am Neurol Assoc.* 1981;106:90-3.
3. **Minshew NJ**, Pettegrew JW. Reye's Syndrome: correlation of membrane abnormality with outcome. *Trans Am Neurol Assoc.* 1981;106:148-51.
4. Pettegrew JW, **Minshew NJ**, Nichols JS. Fluorescence probes specific for the plasma membrane of intact human erythrocytes and lymphocytes. *Life Sci.* 1982;30:1101-5. PMID: 7078348
5. Pettegrew JW, Nichols JS, **Minshew NJ**, Rush AJ. Membrane biophysical studies of lymphocytes and erythrocyte from patients with manic-depressive illness. *J Affect Disord.* 1982;4:237-47. PMID: 6215442
6. Pettegrew JW, **Minshew NJ**, Stewart RM. Dynamic membrane studies on individuals at risk for Huntington's disease. *Life Sci.* 1983;32:1207-12. PMID: 6220187
7. Cohen MM, Pettegrew JW, Kopp SJ, **Minshew NJ**, Glonek T. P-31 nuclear magnetic resonance analysis of brain: Normoxic and anoxic brain slices. *Neurochem Res.* 1984;9:785-801. PMID: 6493439
8. Pettegrew JW, Woessner DE, **Minshew NJ**, Glonek T. Sodium-23 NMR analysis of human whole blood, erythrocytes, and plasma; chemical shift, spin, relaxation and intracellular sodium concentration studies. *J Magn Reson.* 1984;57:185-96.
9. Pettegrew JW, **Minshew NJ**, Feit H. <sup>31</sup>P NMR studies of normal and dystrophic chicken muscle. *Muscle Nerve.* 1984;7:442-6. PMID: 6543898
10. Pettegrew JW, Glonek T, **Minshew NJ**, Woessner DE. Sodium-23 NMR of intact bovine lens and vitreous humor. *J Magn Reson.* 1985;63:439-44.

11. Pettegrew JW, Kopp SJ, Dadok J, **Minshew NJ**, Feliksik JM, Cohen MM, Glonek T. Chemical characterization of a prominent phosphomonoester resonance in mammalian brain: <sup>31</sup>P and <sup>1</sup>H NMR analysis at 4.7 and 14.1 Tesla. *J Magn Reson.* 1986;67:443-50.
12. Pettegrew JW, Kopp SJ, **Minshew NJ**, Glonek, T, Feliksik JM, Tow JP, Cohen, MM. <sup>31</sup>P nuclear magnetic resonance studies of phosphoglyceride metabolism in developing and degenerating brain: Preliminary observations. *J Neuropathol Exp Neurol.* 1987;46(4):419-30. PMID: 2955082
13. Pettegrew JW, Short JE, Woessner RD, Strychor S, McKeag DW, Armstrong J, **Minshew NJ**, Rush AJ. The effect of lithium on the membrane molecular dynamics of normal human erythrocytes. *Biol Psychol.* 1987;2:857-71. PMID: 3111554
14. **Minshew NJ**, Payton JB. New perspectives in autism: Part I: The clinical spectrum of autism. *Curr Probl Pediatr.* 1988;18(10):561-610. PMID: 3064974
15. **Minshew NJ**, Payton JB. New perspectives in autism, Part II: The differential diagnosis and neurobiology of autism. *Curr Probl Pediatr.* 1988;18(11):613-94. PMID: 3063439
16. Payton JB, Steele MW, Wenger SL, **Minshew NJ**. The Fragile X marker and autism in perspective. *Am Acad Child Adolesc Psychiatry.* 1989;28(3):417-21. PMID: 2738009
17. **Minshew NJ**. Indices of neural function in autism: Clinical and biologic implications. *Pediatrics.* 1991;87 Suppl 2:774-80. PMID: 2020536
18. **Minshew NJ**, Goldstein G, Muenz LR, Payton JB. Neuropsychological functioning in nonmentally retarded autistic individuals. *J Clin Exp Neuropsychol.* 1992;14(5):749-61. PMID: 1474143
19. Holttum JR, **Minshew NJ**, Sanders RS, Phillips NE. Magnetic resonance imaging of the posterior fossa in autism. *Biol Psychol.* 1992;32(12):1091-101. PMID: 1477189
20. **Minshew NJ**, Goldstein G. Is autism an amnesic disorder? Evidence from the California Verbal Learning Test. *Neuropsychology.* 1993;7(2):209-16.
21. **Minshew NJ**, Goldstein G, Dombrowski SM, Panchalingam K, Pettegrew JW. A preliminary <sup>31</sup>P MRS study of autism: Evidence for undersynthesis and increased degradation of brain membranes. *Biol Psychol.* 1993;33:762-73. PMID: 8373914
22. Pettegrew JW, Keshavan MS, **Minshew NJ**. <sup>31</sup>P NMR, neurodevelopment and schizophrenia. *Schizophrenia Bull.* 1993;19(1):35-53.
23. Pettegrew JW, **Minshew NJ**, Spiker D, Tretta M, Strychor S, McKeag D, Muenz LR, Miller GM, Carbone D, McClure RJ. Alterations in membrane molecular dynamics in erythrocytes of patients with affective illness. *Depression.* 1993;1:88-100.
24. **Minshew NJ**, Siegel DJ, Goldstein G, Weldy S. Verbal problem solving in high functioning autistic individuals. *Arch Clin Neuropsychol.* 1994;9:31-40. PMID: 14589510
25. **Minshew NJ**, Goldstein G, Taylor HG, Siegel DJ. Academic achievement in high functioning autistic individuals. *J Clin Exp Neuropsychol.* 1994;16(2):261-70. PMID: 8021313
26. Goldstein G, **Minshew NJ**, Siegel DJ. Age differences in academic achievement in high-functioning autistic individuals. *J Clin Exp Neuropsychol.* 1994;16(5):671-80. PMID: 7836490
27. **Minshew NJ**, Goldstein G, Siegel DJ. Speech and language in high-functioning autistic individuals. *Neuropsychology.* 1995;9(2):255-61.
28. Siegel DJ, Goldstein G, **Minshew NJ**. Designing instruction for the high-functioning autistic individual. *J Dev Phys Disabil.* 1996;8(1):1-19.
29. **Minshew NJ**. Brief report: Brain mechanisms in autism: functional and structural abnormalities. *J Autism Dev Disord.* 1996;26(2):205-9. PMID: 8744486
30. Siegel DJ, **Minshew NJ**, Goldstein G. Wechsler IQ profiles in diagnosis of high-functioning autism. *J Autism Dev Disord.* 1996;26(4):389-406. PMID: 8863091
31. Bristol MM, Cohen DJ, Costello EJ, Denckla M, Eckberg TJ, Kallen R, Kraemer HC, Lord C, Maurer R, McIlvane WJ, **Minshew NJ**, Sigman M, Spence MA. State of the science in autism:

- Report to the National Institutes of Health. *J Autism Dev Disord.* 1996;26(2):121-54. PMID: 8744475
32. **Minshew NJ**, Goldstein G, Siegel DJ. Neuropsychologic functioning in autism: Profile of a complex information processing disorder. *J Int Neuropsychol Soc.* 1997;3:303-16. PMID: 9260440
  33. Lord C, Pickles A, McLennan J, Rutter M, Bregman J, Folstein S, Fombonne E, Leboyer M, **Minshew NJ**. Diagnosing autism: Analyses of data from the Autism Diagnostic Interview. *J Autism Dev Disord.* 1997;27(5):501-17. PMID: 9403369
  34. **Minshew NJ**, Goldstein G. Autism as a disorder of complex information processing. *Ment Retard Dev Disabil Res Rev.* 1998;4:129-36.
  35. **Minshew NJ**, Luna B, Sweeney JA. Oculomotor evidence for neocortical systems but not cerebellar dysfunction in autism. *Neurology.* 1999;52:917-22. PMID: 10102406
  36. Aylward EH, **Minshew NJ**, Goldstein G, Honeycutt NA, Augustine AM, Yates KO, Barta PE, Pearlson GD. MRI volumes of amygdala and hippocampus in non-mentally retarded autistic adolescents and adults. *Neurology.* 1999;53:2145-50. PMID: 10599796
  37. Filipek PA, Pasquale JA, Baranek GT, Cook EH Jr., Dawson G, Gordon B, Gravel JS, Johnson CP, Kallen RJ, Levy SE, **Minshew NJ**, Prizant BM, Rapin I, Rogers SJ, Stone WL, Teplin S, Tuchman RF, Volkmar FR. The screening and diagnosis of Autistic Spectrum Disorders. *J Autism Dev Disord.* 1999;29(6):439-84. PMID: 10638459
  38. Filipek PA, Accardo PJ, Ashwal S, Baranek GT, Cook EH Jr., Dawson G, Gordon B, Gravel JS, Johnson CP, Kallen RJ, Levy SE, **Minshew NJ**, Ozonoff S, Prizant BM, Rapin I, Rogers SJ, Stone WL, Teplin SW, Tuchman RF, Volkmar FR. Practice parameter: Screening and diagnosis of autism: Report of the Quality Standards Subcommittee of the American Academy of Neurology and the Child Neurology Society. *Neurology.* 2000;55(4):468-79. PMID: 10953176
  39. Hardan AY, **Minshew NJ**, Keshavan MS. Corpus callosum size in autism. *Neurology.* 2000;55:1033-6. PMID: 11061265
  40. Luna B, Thulborn KR, Munoz DP, Merriam EP, Garver KE, **Minshew NJ**, Keshavan MS, Genovese CR, Eddy WF, Sweeney JA. Maturation of widely distributed brain function subserves cognitive development. *NeuroImage.* 2001;13(5):786-93. PMID: 11304075
  41. Goldstein G, Johnson CR, **Minshew NJ**. Attentional processes in autism. *J Autism Dev Disord.* 2001;31(4):433-40. PMID: 11569589
  42. Hardan AY, **Minshew NJ**, Harenski K, Keshavan MS. Posterior fossa magnetic resonance imaging in autism. *J Am Acad Child Adolesc Psychiatry.* 2001;40(6):666-72. PMID: 11392344
  43. Goldstein G, Beers SR, Siegel DJ, **Minshew NJ**. A comparison of WAIS-R profiles in adults with high-functioning autism or differing subtypes of learning disability. *Appl Neuropsychol.* 2001;8(3):148-54. PMID: 11686649
  44. Hardan AY, **Minshew NJ**, Mallikarjunn M, Keshavan MS. Brain volume in autism. *J Child Neurol.* 2001;16:421-4.
  45. **Minshew NJ**. The core deficit in autism and autism spectrum disorders. *J Dev Learn Disord.* 2001;5(1):107-18.
  46. **Minshew NJ**, Goldstein G. The pattern of intact and impaired memory functions in autism. *J Child Psychol Psychiat.* 2001;42(8):1095-101. PMID: 11806691
  47. Goldstein G, **Minshew NJ**, Allen DN, Seaton BE. High-functioning autism and schizophrenia: A comparison of an early and late onset neurodevelopmental disorder. *Arch Clin Neuropsychol.* 2002;17(5):461-75. PMID: 14592000
  48. **Minshew NJ**, Meyer J, Goldstein G. Abstract reasoning in autism: A dissociation between concept formation and concept identification. *Neuropsychology.* 2002;16(3):327-34. PMID: 12146680
  49. **Minshew NJ**, Sweeney JA, Luna B. Autism as a selective disorder of complex information

processing and underdevelopment of neocortical systems. *Mol Psychiatr.* 2002;7:S14-S15. PMID: 12142935

50. Aylward EH, **Minshew NJ**, Field K, Sparks BF, Singh N. Effects of age on brain volume and head circumference in autism. *Neurology.* 2002;59(2):175-83. PMID: 12136053
51. Luna B, **Minshew NJ**, Garver KE, Lazar NA, Thulborn KR, Eddy WF, Sweeney JA. Neocortical system abnormalities in autism: An fMRI study of spatial working memory. *Neurology.* 2002;59:834-40. PMID: 12297562
52. Meyer JA, **Minshew NJ**. An update of neurocognitive profiles in Asperger's syndrome and high-functioning autism. *Focus Autism Other Dev Disabl.* 2002;17:152-60.
53. Keshavan MS, Diwadkar VA, DeBellis M, Dick E, Kotwal R, Rosenberg DR, Sweeney JA, **Minshew NJ**, Pettegrew JW. Development of the corpus callosum in childhood, adolescence and early adulthood. *Life Sci.* 2002;70(16):1909-22. PMID: 12005176
54. Devlin B, Bennett P, Cook EH, Dawson G, Gonen EL, McMahon W, Pauls D, Smith M, Spence MA, CPEA Genetics Network, Schellenberg GD. No evidence for linkage of liability to autism to HOXA1 in a sample from the CPEA Network. *Am J Med Genet B: Neuropsychiatr Genet.* 2002;114:667-72. PMID: 12210285
55. Keshavan MS, Stanley JA, Montrose DM, **Minshew NJ**, Pettegrew JW. Prefrontal membrane phospholipid metabolism of child and adolescent offspring at risk for schizophrenia or schizoaffective disorder: An in vivo <sup>31</sup>P MRS study. *Mol Psychiatr.* 2003;8:316-23. PMID: 12660804
56. Hardan AY, Kilpatrick M, Keshavan MS, **Minshew NJ**. Motor performance and anatomical magnetic resonance imaging (MRI) of the basal ganglia in autism. *J Child Neurol.* 2003;18(5):317-24. PMID: 12822815
57. Escalante-Mead PR, **Minshew NJ**, Sweeney JA. Abnormal brain lateralization in high-functioning autism. *J Autism Dev Disord.* 2003;33(5):539-43. PMID: 14594334
58. Devlin B, Bennett P, Dawson G, Figlewicz DA, Grigorenko EL, McMahon W, **Minshew NJ**, Pauls D, Smith M, Spence A, Rodier P, Stodgell C, Schellenberg G. Alleles of a reelin CGG repeat do not convey liability to autism in a sample from the CPEA network. *Am J Med Genet B: Neuropsychiatr Genet.* 2004;126B:46-50. PMID: 15048647
59. Ozonoff S, Cook I, Coon H, Dawson G, Joseph RM, Klin A, McMahon WM, **Minshew NJ**, Munson JA, Pennington BF, Rogers SJ, Spence MA, Tager-Flusberg H, Volkmar FR, Wrathall D. Performance on Cambridge Neuropsychological Test Automated Battery subtests sensitive to frontal lobe function in people with autistic disorder: Evidence from the Collaborative Programs of Excellence in Autism Network. *J Autism Dev Disord.* 2004;34(2):139-50. PMID: 15162933
60. Just MA, Cherkassky VL, Keller TA, **Minshew NJ**. Cortical activation and synchronization during sentence comprehension in high-functioning autism: Evidence of underconnectivity. *Brain.* 2004;127(6):1811-21. PMID: 15215213
61. **Minshew NJ**. What is currently known about the neurobiology of autism and if the valuable resource of family time should be invested in these studies. *J Autism Dev Disord.* 2004;34(6):737-8. PMID: 15679195
62. Takarae Y, **Minshew NJ**, Luna B, Sweeney JA: Oculomotor abnormalities parallel cerebellar histopathology in autism. *J Neurol Neurosur Ps.* 2004;75(9):1359-61. PMID: 15314136
63. Hardan AY, Jou R, Keshavan MS, Varma R, **Minshew NJ**. Increased frontal cortical folding in autism: a preliminary MRI study. *Psychiat Res-Neuroim.* 2004;131:263-8. PMID: 15465295
64. Takarae Y, **Minshew NJ**, Luna B, Krisky CM, Sweeney JA. Pursuit eye movement deficits in autism. *Brain.* 2004; 127(12): 2584-2594. PMID: 15509622
65. **Minshew NJ**, Sung K, Jones B, Furman JM. Underdevelopment of the postural control system in autism. *Neurology.* 2004;63(11):2056-61. PMID: 15596750
66. Sweeney JA, Takarae Y, Macmillan C, Luna B, **Minshew NJ**. Eye movements in

- neurodevelopmental disorders. *Curr Opin Neurol*. 2004;17(1):37-42. PMID: 15090875
67. Williams DL, Goldstein G, **Minshew NJ**. Impaired memory for faces and social scenes in autism: Clinical implications of the memory disorder. *Arch Clin Neuropsychol*. 2005;20:1-15. PMID: 15620811
  68. Koshino H, Carpenter PA, **Minshew NJ**, Cherkassky V, Keller TA, Just MA. Functional connectivity in an fMRI working memory task in high functioning autism. *NeuroImage*. 2005;24(3):810-21. PMID: 15652316
  69. **Minshew NJ**, Turner CA, Goldstein G. The application of short forms of the Wechsler Intelligence Scales in adults and children with high functioning autism. *J Autism Dev Disord*. 2005;35(1):45-52. PMID: 15796121
  70. Luyster R, Richler R, Risi S, Hsu W, Dawson G, Bernier R, Dunn M, Hepburn S, Hyman S, McMahon W, Nice-Goudie J, **Minshew NJ**, Rogers S, Sigman M, Spence MA, Tager-Flusberg H, Volkmar FR, Lord C. Early regression in social communication in autistic spectrum disorders: A CPEA study. *Dev Neuropsychol*. 2005;27(3):311-36. PMID: 15843100
  71. Nowinska CV, **Minshew NJ**, Luna B, Takarae Y, Sweeney JA. Oculomotor studies of cerebellar function in autism. *Psychiat Res*. 2005;137:11-19. PMID: 16214219
  72. Devlin B, Cook Jr. EH, Coon H, Dawson GA, Grigorenko EL, McMahon W, **Minshew NJ**, Pauls D, Smith M, Spence MA, Rodier PM, Stodgell C, the CPEA Genetics Network, Schellenberg GD. Autism and the serotonin transporter: the long and short of it. *Mol Psychiatr*. 2005;10:1110-16. PMID: 16103890
  73. Williams DL, Goldstein G, Carpenter PA, **Minshew NJ**. Verbal and spatial working memory in autism. *J Autism Dev Disord*. 2005;35(6):747-56. PMID: 16267641
  74. Hardan AY, Girgis RR, Adams J, Gilbert A, Keshavan MS, **Minshew NJ**. Abnormal brain size effect on the thalamus in autism. *Psychiatr Res-Neuroim*. 2005;147:145-51. PMID: 16945509
  75. Behrmann M, Avidan G, Leonard G, Kimchi R, Luna B, Humphreys K, **Minshew NJ**. Configural processing in autism and its relationship to face processing. *Neuropsychologia*. 2006;44(1):110-29. PMID: 15907952
  76. Hardan AY, Girgis RR, Lacerda AL, Yorbik O, Kilpatrick M, Keshavan MS, Minshew NJ. Magnetic resonance imaging study of the orbitofrontal cortex in autism. *J Child Neurol*. 2006;21(10):866-71. PMID: 17005103
  77. Molloy CA, Morrow AL, Meinzen-Derr J, Dawson G, Bernier R, Dunn M, Hyman SL, McMahon WM, Goudie-Nice J, **Minshew NJ**, Rogers S, Sigman M, Spence MA, Tager-Flusberg H, Volkmar FR, Lord C. Familial autoimmune thyroid disease as a risk factor for regression in children with autism spectrum disorder: A CPEA Study. *J Autism Dev Disord*. 2006;36(3):317-24. PMID: 16598435
  78. Williams DL, Goldstein G, **Minshew NJ**. The profile of memory function in children with autism. *Neuropsychology*. 2006;20(1):21-29. PMID: 16460219
  79. Richler J, Luyster R, Risi S, Hsu WL, Dawson G, Bernier R, Dunn M, Hyman S, McMahon W, Goudie J, **Minshew NJ**, Rogers S, Sigman M, Spence MA, Tager-Flusberg H, Volkmar F, Lord C. Is there a regressive "phenotype" of autism spectrum disorder associated with the measles-mumps-rubella vaccine? A CPEA study. *J Autism Dev Disord*. 2006;36(3):299-316. PMID: 16729252
  80. Schellenberg GD, Dawson D, Sung Y, Estes E, Munson J, Rosenthal E, Rothstein J, Flodman P, Smith M, Coon H, Leong L, Yu C, Stodgell C, Rodier PM, Spence MA, **Minshew NJ**, McMahon WM, Wijsman EM. Evidence for multiple loci from a genome scan of autism kindreds: A CPEA Study. *Mol Psychiatr*. 2006;11(11):1049-60. PMID: 16880825
  81. Schellenberg GD, Dawson G, Sung YJ, Estes A, Munson J, Rosenthal E, Rothstein J, Flodman P, Smith M, Coon H, Leong L, Yu C-E, Stodgell C, Rodier PM, Spence MA, **Minshew NJ**, McMahon WM, Wijsman EM. Evidence for genetic linkage of autism to chromosomes 7 and 4. *Mol Psychiatr*. 2006;11(11):979. PMID: 16880825



82. Williams DL, Goldstein G, **Minshew NJ**. Neuropsychologic functioning in children with autism: Further evidence for disordered complex information-processing. *Child Neuropsychol*. 2006;12:279-98. PMID: 16911973
83. Hardan AY, Keshavan MS, Sucheeta S, Velumapalli M, **Minshew NJ**. An MRI study of minor physical anomalies in autism. *J Autism Dev Disord*. 2006;36:607-11. PMID: 16609827
84. Kana RK, Keller TA, Cherkassky VL, **Minshew NJ**, Just MA. Sentence comprehension in autism: thinking in pictures with decreased functional connectivity. *Brain*. 2006;129:2484-93. PMID: 16835247
85. Hardan AY, Muddasani S, Vemulapalli M, Keshavan MS, **Minshew NJ**. An MRI study of increased cortical thickness in autism. *Am J Psychiatry*. 2006;163(7):1290-92. PMID: 16816240
86. Gastgeb H, Strauss MS, **Minshew NJ**. Do individuals with autism process categories differently? The effect of typicality and development. *Child Dev*. 2006;77(6):1717-29. PMID: 17107456
87. Lainhart JE, Bigler ED, Bocian M, Coon H, Dinh E, Dawson G, Deutsch CK, Dunn M, Estes A, Tager-Flusberg H, Folstein S, Hepburn S, Hyman S, McMahon W, **Minshew NJ**, Munson J, Osann K, Ozonoff S, Rodier P, Rogers S, Sigman M, Spence MA, Stodgell CJ, Volkmar F. Head circumference and height in autism: A study by the Collaborative Programs of Excellence in Autism. *Am J Med Genet A*. 2006;140A:2257-74. PMID: 17022081
88. Just MA, Cherkassky VL, Keller TA, Kana RK, **Minshew NJ**. Functional and anatomical cortical underconnectivity in autism: Evidence from an fMRI study of an executive function task and corpus callosum morphometry. *Cereb Cortex*. 2007;17(4):951-61. PMID: 16772313
89. Luna B, Doll SK, Hegedus SJ, **Minshew NJ**, Sweeney JA. Maturation of executive function in autism. *Biol Psychol*. 2007 special edition;61:474-81. PMID: 16650833
90. Humphreys K, **Minshew NJ**, Leonard GL, Behrmann M. A fine-grained analysis of facial expression processing in high-functioning adults with autism. *Neuropsychologia*. 2007;45(4):685-95. PMID: 17010395
91. Steele S, **Minshew NJ**, Luna B, Sweeney JA. Spatial working memory deficits in autism. *J Autism Dev Disord*. 2007;37(4):605-12. PMID: 16909311
92. **Minshew NJ**, Williams DL. The new neurobiology of autism. *Arch Neurol*. 2007;64(7):945-50. PMID: 17620483
93. Szatmari P, Paterson AD, Zwaigenbaum L, Roberts W, Brian J, Liu X-Q, Vincent JB, Skaug JL, Thompson AP, Senman L, Feuk L, Qian C, Bryson SE, Jones MB, Marshall CR, Scherer SW, Vieland VJ, Bartlett C, Mangin LV, Goedken R, Segre A, Pericak-Vance MA, Cuccaro ML, Gilbert JR, Wright HH, Abramson RK, Betancur C, Bourgeron T, Gillberg C, Leboyer M, Buxbaum JD, Davis KL, Hollander E, Silverman JM, Hallmayer J, Lotspeich L, Sutcliffe JS, Haines JL, Folstein SE, Piven J, Wassink TH, Sheffield V, Geschwind DH, Bucan M, Brown WT, Cantor RM, Constantino JN, Gilliam TC, Herbert M, LaJonchere C, Ledbetter DH, Lese-Martin C, Miller J, Nelson S, Samango-Sprouse CA, Spence S, State M, Tanzi RE, Coon H, Dawson G, Devlin B, Estes A, Flodman P, Klei L, McMahon WM, **Minshew NJ**, Munson J, Korvatska E, Rodier PM, Schellenberg GD, Smith M, Spence MA, Stodgell C, Tepper PG, Wijsman EM, Yu C-E, Rogé B, Mantoulan C, Wittmeyer K, Poustka A, Felder B, Klauck SM, Schuster C, Poustka F, Bölte S, Feineis-Matthews S, Herbrecht E, Schmötzner G, Tsiantis J, Papanikolaou K, Maestrini E, Bacchelli E, Blasi F, Carone S, Toma C, Van Engeland H, De Jonge M, Kemner C, Koop F, Langemeijer M, Hijmans ,C Staal WG, Baird G, Bolton PF, Rutter ML, Weisblatt E, Green J, Aldred C, Wilkinson J-A ,Pickles A, Le Couteur A, Berney T, McConachie H, Bailey AJ, Francis K, Honeyman G, Hutchinson A, Parr JR, Wallace S, Monaco AP, Barnby G, Kobayashi K, Lamb JA, Sousa I, Sykes N, Cook EH, Guter SJ, Leventhal BL, Salt J, Lord C, Corsello C, Hus V, Weeks DE, Volkmar F, Tauber M, Fombonne E, Shih A. Mapping autism risk loci using genetic linkage and chromosomal rearrangements. *Nat Genet*. 2007;39(3):319-28. PMID: 17322880
94. Kana RK, Keller TA, **Minshew NJ**, Just MA. Inhibitory control in high functioning autism:

decreased activation and underconnectivity in inhibition networks. *Biol Psychiat*. 2007;62:198-206. PMID: 17137558

95. Williams DL, **Minshew NJ**. Understanding autism and related disorders: What has imaging taught us? *Neuroimag Clin N Am*. 2007;17(4):495-509. PMCID: PMC2223073
96. Takarae Y, **Minshew NJ**, Luna B, Sweeney JA. Atypical involvement of frontostriatal systems during sensorimotor control in autism. *Psychiat Res- Neuroim*. 2007;156(2):117-27. PMCID: PMC2180158
97. Girgis RR, **Minshew NJ**, Melhem NM, Nutche JJ, Keshavan MS, Hardan AY. Volumetric alterations of the orbitofrontal cortex in autism. *Progr Neuro-Psychopharmacol Biol Psychiatry*. 2007;31(1):41-5. PMCID: PMC2888006
98. Belmonte MK, Mazziotta JC, **Minshew NJ**, Evans AC, Courchesne E, Dager SR, Bookheimer SY, Aylward EH, Amaral DG, Cantor RM, Chugani DC, Dale AM, Davatzikos C, Gerig G, Herbert MR, Lainhart JE, Murphy DE, Piven J, Reiss AL, Schultz RT, Zeffiro TA, Levi-Pearl S, Lajonchere C, Colamarino A. Offering to share: How to put heads together in autism neuroimaging. *J Autism Dev Disord*. 2008;38(1):2-13. PMID: 17347882 PMCID: PMC3076291
99. Mason RA, Williams DL, Kana RK, **Minshew NJ**, Just MA. Theory of Mind disruption and recruitment of the right hemisphere during narrative comprehension in autism. *Neuropsychologia*. 2008;46(1):269-80. PMID: 17869314 PMCID: PMC2259382
100. Koshino H, Kana RK, Keller TA, Cherkassky VL, Minshew NJ, Just MA. fMRI investigation of working memory for faces in autism: visual coding and underconnectivity with frontal areas. *Cereb Cortex*. 2008;18:289-300. PMID: 17517680
101. Humphreys K, Hasson U, Avidan G, **Minshew NJ**, Behrmann M. Cortical patterns of category-selective activation for faces, places & objects in adults with autism. *Autism Res*. 2008;1(1):52-63. PMID: 19360650 PMCID: PMC2765685
102. Hardan AY, Girgis RR, Adams J, Gilbert AR, Melhem NM, Keshavan MS, **Minshew NJ**. Brief report: Abnormal association between the thalamus and brain size in Asperger's Disorder. *J Autism Dev Disord*. 2008;38:390-4. PMID: 17641963
103. Scherf KS, Luna B, Kimchi R, **Minshew NJ**, Behrmann M. Missing the big picture: impaired development of global shape processing in autism. *Autism Res*. 2008;1(2):114-29. PMID: 19360658 PMCID: PMC2670479
104. Goldstein G, Allen DN, **Minshew NJ**, Williams DL, Volkmar F, Klin A, Schulz RJ. The structure of intelligence in children and adults with high functioning autism. *Neuropsychology*. 2008;22(3):301-12. PMID: 18444708 PMCID: PMC3093048
105. Mazefsky CA, Williams DL, **Minshew NJ**. Variability in adaptive behavior in autism: Evidence for the importance of family history. *J Abnorm Child Psych*. 2008;36(4):591-9. PMID: 18188537 PMCID: PMC2373259
106. Williams DL, Goldstein G, Kojkowski N, **Minshew NJ**. Do individuals with high functioning autism have the IQ profile associated with nonverbal learning disability? *Res Autism Spectr Disord*. 2008;2(2):353-61. PMID: 18516234 PMCID: PMC2394183
107. Scherf KS, Behrmann M, **Minshew NJ**, Luna B. Atypical development of face and greeble recognition in autism. *J Child Psychol Psych*. 2008;49(8):838-947. PMID: 18422548 PMCID: PMC3071970
108. Hardan AY, **Minshew NJ**, Melhem NM, Srihari S, Jo B, Basul R, Keshavan MS, Stanley JA. An MRI and proton spectroscopy study of the thalamus in children with autism. *Psychiat Res- Neuroim*. 2008;163(2):97-105. PMID: 18508243 PMCID: PMC2467447
109. Conturo TE, Williams DL, Smith CD, Gultpe E, Akbudak E, **Minshew NJ**. Neuronal fiber pathway abnormalities in autism: An initial MRI diffusion tensor tracking study of hippocampofusiform and amygdalo-fusiform pathways. *J Int Neuropsychol Soc*. 2008;14(6):933-46. PMID: 18954474 PMCID: PMC3298449
110. Takarae Y, Luna B, **Minshew NJ**, Sweeney JA. Patterns of visual sensory and sensorimotor

abnormalities in autism vary in relation to history of early language delay. *J Int Neuropsychol Soc.* 2008;14(6):980-9. PMID: 18954478 PMCID: PMC2928719

111. **Minshew NJ**, Hobson JA. Sensory sensitivities and performance on sensory perceptual tasks in high-functioning individuals with autism. *J Autism Dev Disord.* 2008;38(8):1485-98. PMID: 18302014 PMCID: PMC3077539
112. Kana KR, Keller TA, Cherkassky VL, **Minshew NJ**, Just MA. Atypical frontal-posterior synchronization of Theory of Mind regions in autism during mental state attribution. *Soc Neurosci.* 2009;4(2):135-52. PMID: 18633829 PMCID: PMC3086301
113. Rump KM, Giovannelli JL, **Minshew NJ**, Strauss MS. The development of emotion recognition in individuals with autism. *Child Dev.* 2009;80(5):1434-47. PMID: 19765010 PMCID: PMC3085906
114. Hardan AY, Libove RA, Keshavan MS, Melhem NM, **Minshew NJ**. A preliminary longitudinal magnetic resonance imaging study of brain volume and cortical thickness in autism. *Biol Psychiatry.* 2009;66(4):320-6. PMID: 19520362 PMCID: PMC2905654
115. Weiss LA, Arking DE, Arking DE, Brune CW, West K, O'Connor A, Hilton G, Tomlinson RL, West AB, Cook EH Jr, Chakravarti A, Weiss LA, Green T, Chang SC, Gabriel S, Gates C, Hanson EM, Kirby A, Korn J, Kuruville F, McCarroll S, Morrow EM, Neale B, Purcell S, Sasanfar R, Sougnez C, Stevens C, Altshuler D, Gusella J, Santangelo SL, Sklar P, Tanzi R, Daly MJ, Anney R, Bailey AJ, Baird G, Battaglia A, Berney T, Betancur C, Bölte S, Bolton PF, Brian J, Bryson SE, Buxbaum JD, Cabrito I, Cai G, Cantor RM, Cook EH Jr, Coon H, Conroy J, Correia C, Corsello C, Crawford EL, Cuccaro ML, Dawson G, de Jonge M, Devlin B, Duketis E, Ennis S, Estes A, Farrar P, Fombonne E, Freitag CM, Gallagher L, Geschwind DH, Gilbert J, Gill M, Gillberg C, Goldberg J, Green A, Green J, Guter SJ, Haines JL, Hallmayer JF, Hus V, Klauck SM, Korvatska O, Lamb JA, Laskawiec M, Leboyer M, Couteur AL, Leventhal BL, Liu XQ, Lord C, Lotspeich LJ, Maestrini E, Magalhaes T, Mahoney W, Mantoulan C, McConachie H, McDougle CJ, McMahon WM, Marshall CR, Miller J, **Minshew NJ**, Monaco AP, Munson J, Nurnberger JI Jr, Oliveira G, Pagnamenta A, Papanikolaou K, Parr JR, Paterson AD, Pericak-Vance MA, Pickles A, Pinto D, Piven J, Posey DJ, Poustka A, Poustka F, Regan R, Reichert J, Renshaw K, Roberts W, Roge B, Rutter ML, Salt J, Schellenberg GD, Scherer SW, Sheffield V, Sutcliffe JS, Szatmari P, Tansey K, Thompson AP, Tsiantis J, Van Engeland H, Vicente AM, Vieland VJ, Volkmar F, Wallace S, Wassink TH, Wijsman EM, Wing K, Wittemeyer K, Yaspan BL, Zwaigenbaum L, Morrow EM, Yoo SY, Hill RS, Mukaddes NM, Balkhy S, Gascon G, Al-Saad S, Hashmi A, Ware J, Joseph RM, LeClair E, Partlow JN, Barry B, Walsh CA, Pauls D, Moilanen I, Ebeling H, Mattila ML, Kuusikko S, Jussila K, Ignatius J, Sasanfar R, Tolouei A, Ghadami M, Rostami M, Hosseinipour A, Valujerdi M, Santangelo SL, Andresen K, Winkloski B, Haddad S, Kunkel L, Kohane Z, Tran T, Kong SW, O'Neil SB, Hanson EM, Hundley R, Holm I, Peters H, Baroni E, Cangialose A, Jackson L, Albers L, Becker R, Bridgemohan C, Friedman S, Munir K, Nazir R, Palfrey J, Schonwald A, Simmons E, Rappaport LA, Gauthier J, Mottron L, Joobor R, Fombonne E, Rouleau G, Rehnstrom K, von Wendt L, Peltonen L, Daly MJ, Chakravarti A. A genome-wide linkage and association scan reveals novel loci for autism. *Nature.* 2009;461(7265):802-8. PMID: 19812673 PMCID: PMC2772655
116. Glessner JT, Wang K, Cai G, Korvatska O, Kim CE, Wood S, Zhang H, Estes A, Brune CW, Bradfield JP, Imielinski M, Frackelton EC, Reichert J, Crawford EL, Munson J, Sleiman PM, Chiavacci R, Annaiah K, Thomas K, Hou C, Glaberson W, Flory J, Otieno F, Garris M, Soorya L, Klei L, Piven J, Meyer KJ, Anagnostou E, Sakurai T, Game RM, Rudd DS, Zurawiecki D, McDougle CJ, Davis LK, Miller J, Posey DJ, Michaels S, Kolevzon A, Silverman JM, Bernier R, Levy SE, Schultz RT, Dawson G, Owley T, McMahon WM, Wassink TH, Sweeney JA, Nurnberger JI, Coon H, Sutcliffe JS, **Minshew NJ**, Grant SF, Bucan M, Cook EH, Buxbaum JD, Devlin B, Schellenberg GD, Hakonarson H. Autism genome wide copy number variation reveals ubiquitin and neuronal genes. *Nature.* 2009;459(7246):569-73. PMID: 19404257 PMCID: PMC2925224
117. Wang K, Zhang H, Ma D, Bucan M, Glessner JT, Abrahams BS, Salyakina D, Imielinski M,

Bradfield JP, Sleiman PM, Kim CE, Hou C, Frackelton E, Chiavacci R, Takahashi N, Sakurai T, Rappaport E, Lajonchere CM, Munson J, Estes A, Korvatska O, Piven J, Sonnenblick LI, Alvarez Retuerto AI, Herman EI, Dong H, Hutman T, Sigman M, Ozonoff S, Klin A, Owley T, Sweeney JA, Brune CW, Cantor RM, Bernier R, Gilbert JR, Cuccaro ML, McMahon WM, Miller J, State MW, Wassink TH, Coon H, Levy SE, Schultz RT, Nurnberger JI, Haines JL, Sutcliffe JS, Cook EH, **Minshew NJ**, Buxbaum JD, Dawson G, Grant SF, Geschwind DH, Pericak-Vance MA, Schellenberg GD, Hakonarson H. Common genetic variants on 5p14.1 associate with autism spectrum disorders. *Nature*. 2009;459(7246):528-33. PMID: 19404256 PMCID: PMC2943511

118. Keary CJ, **Minshew NJ**, Bansal Rahel, Goradia D, Fedorov S, Keshavan MS, Hardan AY. Corpus callosum volume and neurocognition in autism. *J Autism Dev Disord*. 2009;39(6):834-41. PMID: 19165587 PMCID: PMC3229274
119. Bucan M, Abrahams BS, Wang K, Glessner JT, Herman EI, Sonnenblick LI, Alvarez Retuerto AI, Imielinski M, Hadley D, Bradfield JP, Kim C, Gidaya NB, Lindquist I, Hutman T, Sigman M, Kustanovich V, Lajonchere CM, Singleton A, Kim J, Wassink TH, McMahon WM, Owley T, Sweeney JA, Coon H, Nurnberger JI, Li M, Cantor RM, **Minshew NJ**, Sutcliffe JS, Cook EH, Dawson G, Buxbaum JD, Grant SF, Schellenberg GD, Geschwind DH, Hakonarson H. Genome-wide analyses of exonic copy number variants in a family-based study point to novel autism susceptibility genes. *PLoS Genet*. 2009;5(6):e1000536. PMID: 19557195 PMCID: PMC2695001
120. Jou RJ, **Minshew NJ**, Melhem NM, Keshavan MS, Hardan AY. Brainstem volumetric alterations in children with autism. *Psychol Med*. 2009;39(8):1347-57. PMID: 18812009 PMCID: PMC2888007
121. Hasson U, Galia A, Hagar G, Ignacio V, Harel MG, **Minshew NJ**, Behrmann M. Shared and idiosyncratic cortical activation patterns in autism revealed under continuous real-life viewing conditions. *Autism Res*. 2009;2(5):279-84. PMID: 19708061 PMCID: PMC2775929
122. Gastgeb HZ, Rump KM, Best CA, Strauss MS, **Minshew NJ**. Prototype formation in autism: Can individuals with autism abstract facial prototypes? *Autism Res*. 2009;2:232-6. PMID: 19877157 PMCID: PMC3056519
123. D'Cruz AM, Mosconi MW, Steele S, Rubin LH, Luna B, **Minshew NJ**, Sweeney JA. Lateralized response timing deficits in autism. *Biol Psychiatry*. 2009;66(4):393-7. PMID: 19232577 PMCID: PMC3145409
124. Hardan AY, Pabalan M, Gupta N, Bansal R, Melhem NM, Fedorov S, Keshavan MS, **Minshew NJ**. Corpus callosum volume in children with autism. *Psychiatry Res*. 2009;174(1):57-61. PMID: 19781917 PMCID: PMC2761427
125. Kuschner E, Bodner K, **Minshew NJ**. Local versus global approaches to reproducing the Rey Osterrieth Complex Figure by children, adolescents and adults with high functioning autism. *Autism Res*. 2009;2(6):348-58. PMID: 19950303 PMCID: PMC3085248
126. Best CA, **Minshew NJ**, Strauss MA. Gender discrimination of eyes and mouths by individuals with autism. *Autism Res*. 2010;3:88-93. PMID 20437604 PMCID: PMC3085895
127. Scherf KS, Luna B, **Minshew NJ**, Behrmann M. Location, location, location: Alterations in the functional topography of face- but not object- or place-related cortex in adolescents with autism. *Front Hum Neurosci*. 2010;4:26. PMID: 20631857 PMCID: PMC2904054
128. Dinstein I, Thomas C, Humphreys K, **Minshew NJ**, Behrmann M, Heeger DJ. Normal movement selectivity in autism. (featured article) *Neuron*. 2010;66(3):461-9. PMID: 20471358 PMCID: PMC2872627
129. Griebeling J, **Minshew NJ**, Bodner K, Libove R, Bansal R, Konasale P, Keshavan MS, Hardan A. Dorsolateral prefrontal cortex magnetic resonance imaging measurements and cognitive performance in autism. *J Child Neurol*. 2010;25(7):856-63. PMID: 20097663 PMCID: PMC3428128

130. Pinto D, Pagnamenta AT, Klei L, Anney R, Merico D, Regan R, Conroy J, Magalhaes TR, Correia C, Abrahams BS, Almeida J, Bacchelli E, Bader GD, Bailey AJ, Baird G, Battaglia A, Berney T, Bolshakova N, Bovlte S, Bolton PF, Bourgeron T, Brennan S, Brian J, Bryson SE, Carson AR, Casallo G, Casey J, Cochrane L, Corsello C, Crawford EL, Crossett A, Dawson G, de Jonge M, Delorme R, Drmic I, Duketis E, Duque F, Estes A, Farrar P, Fernandez BA, Filipa A, Folstein SE, Fombonne E, Freitag CM, Gilbert J, Gillberg C, Glessner JT, Goldberg J, Green A, Green J, Guter SJ, Hakonarson H, Heron EA, Hill M, Holt R, Howe JL, Hughes G, Hus V, Iglizzi R, Kim C, Klauck SM, Kolevzon A, Korvatska O, Kustanovich V, Lajonchere CM, Lamb JA, Laskawiec M, Leboyer M, Le Couteur A, Leventhal BL, Lionel AC, Liu X, Lord C, Lotspeich L, Lund SC, Maestrini E, Mahoney W, Mantoulan C, Marshall CR, McConachie H, McDougle CJ, McGrath J, McMahon WM, Merikangas A, Migita O, **Minshew NJ**, Mirza GK, Munson J, Nelson SF, Noakes C, Noor A, Nygren G, Oliveira G, Papanikolaou K, Parr JR, Parrini B, Paton T, Pickles A, Pilorge M, Piven J, Ponting CP, Posey DJ, Poustka A, Poustka F, Prasad A, Ragoussis J, Renshaw K, Rickaby J, Roberts W, Roeder K, Roge B, Rutter ML, Bierut LJ, Rice JP, Salt J, Sansom K, Sato D, Segurado R, Senman L, Shah N, Sheffield VC, Soorya L, Sousa I, Stein O, Sykes N, Stoppioni V, Strawbridge C, Tancredi R, Tansey K, Thiruvahindrapduram B, Thompson AP, Thomson S, Tryfon A, Tsiantis J, Van Engeland H, Vincent JB, Volkmar F, Wallace S, Wang K, Wang Z, Wassink TH, Webber C, Wing K, Wittemeyer K, Wood S, Wu J, Yaspan BL, Zurawiecki D, Zwaigenbaum L, Buxbaum JD, Cantor RM, Cook EH, Coon H, Cuccaro ML, Devlin B, Ennis S, Gallagher L, Geschwind DH, Gill M, Haines JL, Hallmayer J, Miller J, Monaco AP, Nurnberger Jr JI, Paterson AD, Pericak-Vance MA, Schellenberg GD, Szatmari P, Vicente AM, Vieland VJ, Wijsman EM, Scherer SW, Sutcliffe JS, Betancur C. Functional impact of global rare copy number variation in autism spectrum disorder. *Nature*. 2010;466(7304):368-72. PMID: 20531469 PMCID: PMC3021798
131. Jou RJ, **Minshew NJ**, Keshavan MS, Vitale MP, Hardan AY. Enlarged right superior temporal gyrus in children and adolescents with autism. *Brain Res*. 2010;1360:205-12. PMID: 20833154 PMCID: PMC2990401
132. Anney R, Lambertus K, Pinto D, Regan R, Conroy J, Magalhaes TR, Correia C, Abrahams BS, Sykes N, Pagnamenta AT, Almeida J, Bacchelli E, Bailey AJ, Baird G, Battaglia A, Berney T, Bolshakova N, Klei L, Bovlte S, Bourgeron T, Brennan S, Brian J, Carson AR, Casallo G, Casey J, Chu Su, Cochrane L, Corsello C, Crawford EL, Crossett A, Dawson G, de Jonge M, Delorme R, Drmic I, Duketis E, Duque F, Estes A, Farrar P, Fernandez BA, Folstein SE, Fombonne E, Freitag CM, Gilbert J, Gillberg C, Glessner JT, Goldberg J, Green A, Green J, Guter SJ, Hakonarson H, Heron EA, Hill M, Holt R, Howe JL, Hughes G, Hus V, Iglizzi R, Kim C, Klauck SM, Kolevzon A, Korvatska O, Kustanovich V, Lajonchere CM, Lamb JA, Laskawiec M, Leboyer M, Le Couteur A, Leventhal BL, Lionel AC, Liu X, Lord C, Lotspeich L, Lund SC, Maestrini E, Mahoney W, Mantoulan C, Marshall CR, McConachie H, McDougle CJ, McGrath J, McMahon WM, Melhem N, Merikangas A, Migita O, **Minshew NJ**, Mirza GK, Munson J, Nelson SF, Noakes C, Noor A, Nygren G, Oliveira G, Papanikolaou K, Parr JR, Parrini B, Paton T, Pickles A, Piven J, Posey DJ, Poustka A, Poustka F, Prasad A, Ragoussis J, Renshaw K, Rickaby J, Roberts W, Roeder K, Roge B, Rutter ML, Bierut LJ, Rice JP, Salt J, Sansom K, Sato D, Segurado R, Senman L, Shah N, Sheffield VC, Soorya L, Sousa I, Stoppioni V, Strawbridge C, Tancredi R, Tansey K, Thiruvahindrapduram B, Thompson AP, Thomson S, Tryfon A, Tsiantis J, Van Engeland H, Vincent JB, Volkmar F, Wallace S, Wang K, Wang Z, Wassink TH, Wing K, Wittemeyer K, Wood S, Wu J, Yaspan BL, Zurawiecki D, Zwaigenbaum L, Betancur C, Buxbaum JD, Cantor RM, Cook EH, Coon H, Cuccaro ML, Gallagher L, Geschwind DH, Gill M, Haines JL, Miller J, Monaco AP, Nurnberger Jr JI, Paterson AD, Pericak-Vance MA, Schellenberg GD, Scherer SW, Sutcliffe JS, Szatmari P, Vicente AM, Vieland VJ, Wijsman EM, Devlin B, Ennis S, Hallmayer J. A genomewide scan for common alleles affecting risk for autism. *Hum Mol Genet*. 2010;19(20):4072-82. PMID: 20663923 PMCID: PMC2947401
133. Damarla SR, Keller TA, Kana RK, Cherkassky VL, Williams DL, **Minshew NJ**, Just MA. Cortical underconnectivity coupled with preserved visuospatial cognition in autism: Evidence from an fMRI study of an embedded figures task. *Autism Res*. 2010;3(5):273-9. PMID: 20740492

PMCID: PMC2963720

134. Jou RJ, **Minshew NJ**, Keshavan MS, Hardan AY. Cortical gyrification in autistic and asperger disorders: A preliminary magnetic resonance imaging study. *J Child Neurol.* 2010;25(12):1462-7. PMID: 20413799 PMCID: PMC3115701
135. Wilkinson DA, Best CA, **Minshew NJ**, Strauss, MS. Memory awareness for faces in individuals with autism. *J Autism Dev Disord.* 2010;40(11):1371-7. PMID: 20300817 PMCID: PMC3050057
136. Perlman SB, Hudac CM, Pegorsa T, **Minshew NJ**, Pelphrey KA. Experimental manipulation of face-evoked activity in the fusiform gyrus of individuals with autism. *Soc Neurosci.* 2011;6(1):22-30. PMID: 20446172 PMCID: PMC3093050
137. Thomas C, Humphreys K, Jung K, **Minshew NJ**, Behrmann M. The anatomy of the callosal and visual-association pathways in high-functioning autism: A DTI tractography study. *Cortex.* 2011;47(7):863-73. PMID: 20832784 PMCID: PMC3020270
138. Chapman NH, Estes A, Munson J, Bernier R, Webb SJ, Rothstein JH, **Minshew NJ**, Dawson G, Schellenberg G, Wijsman EM. Genome-scan for IQ discrepancy in autism: evidence for loci on chromosomes 10 and 16. *Hum Genet.* 2011;129:59-70. PMID: 20963441 PMCID: PMC3082447
139. Jou R, Mateljevic N, **Minshew NJ**, Keshavan M, Hardan A. Reduced central white matter volume in autism: Implications for long-range connectivity. *Psychiatry Clin Neurosc.* 2011;65(1):98-101. PMID: 21265943 PMCID: PMC3114568
140. Casanova MF, El-Ban A, Elnaki A, Switala AE, Williams EL, Williams DL, **Minshew NJ**, Conturo TE. Quantitative analysis of the shape of the corpus callosum in patients with autism and comparison individuals. *Autism.* 2011;15(2):223-38. PMID: 21363871 PMCID: PMC3349188
141. Gastgeb HZ, Wilkinson DA, **Minshew NJ**, Strauss, MS. Can individuals with autism abstract prototypes of natural faces? *J Autism Dev Disord.* 2011;41(12):1609-18. PMID: 21318641 PMCID: PMC3134577
142. Pitskel NB, Bolling DZ, Hudac CM, Lantz SD, **Minshew NJ**, Vander Wyk BC, Pelphrey KA. Brain mechanisms for processing direct and averted gaze in individuals with autism. *J Autism Dev Disord.* 2011;41(12):1686-93. PMID:21484518 PMCID: PMC3337548
143. Mazefsky CA, Anderson R, Conner CM, **Minshew NJ**. Child Behavior Checklist scores for school-aged children with autism: Preliminary evidence of patterns suggesting the need for referral. *J Psychopathol Behav.* 2011;33:31-7. PMID: 22661827 PMCID: PMC3362998
144. Mizuno A, Liu Y, Williams DL, Keller TA, **Minshew NJ**, Just MA. The neural basis of deictic shifting in linguistic perspective-taking in high-functioning autism. *Brain.* 2011;134(8):2422-2435. PMID: 21733887 PMCID: PMC3155703
145. Liu Y, Cherkassky VL, **Minshew NJ**, Just MA. Autonomy of lower-level perception from global processing in autism: Evidence from brain activation and functional connectivity. *Neuropsychologia.* 2011;49(7):2105-11. [Epub 2011 Apr 13]. PMID: 21513720
146. Uddin L, Menon V, Young C, Ryali S, Chen T, Khouzam A, **Minshew NJ**, Hardan A. Multivariate searchlight classification of structural MRI in children and adolescents with autism. *Biol Psychiatry.* 2011;70(9):833-841. PMID: 21890111 PMCID: PMC3191298
147. Chen Y, Matsushita M, Girirajan S, Lisowski M, Sun E, Sul Y, Bernier R, Estes A, Dawson G, **Minshew NJ**, Schellenberg GD, Eichler EE, Rieder MJ, Nickerson DA, Tsuang DW, Tsuang MT, Wijsman EM, Raskind WH, Brkanac Z. Evidence for involvement of GNB1L in Autism. *Am J Med Genet B: Neuropsychiatr Genet.* 2012;159B(1):61-71. PMID: 22095694 PMCID: PMC3270696
148. Dundas EM, Best C, **Minshew NJ**, Strauss M. A lack of left visual field bias when individuals with autism process faces. *J Autism Dev Disord.* 2012;42(6):1104-1111. PMID: 21986874 PMCID: PMC3428133
149. Abu-Dahab S, Skidmore ER, Holm MB, Rogers JC, **Minshew, NJ**. Motor and tactile-perceptual skill differences between individuals with high-functioning autism and typically developing individuals ages 5 – 21. *J Autism Dev Disord.* [Epub 2012 Feb 9]. PMID: 22318760 PMCID:

PMC3408783

150. Schipul SE, Williams DL, Keller TA, **Minshew NJ**, Just MA. Distinctive neural processes during learning in autism. *Cereb Cortex*. 2012;22(4):937-950. [Epub ahead of print July 1 2011]. PMID: 21725037 PMCID: PMC3306576
151. Frazier TW, Keshavan MS, **Minshew NJ**, Hardan AY. A two-year longitudinal MRI study of the corpus callosum in autism. *J Autism Dev Disord*. 2012 Nov; 42(11):2312-22. [Epub 2012 Feb 18]. PMID: 22350341 [PubMed – in process]
152. Mazefsky CA, Oswald DP, Day T, Eack S, **Minshew NJ**, & Lainhart J. ASD, a psychiatric disorder, or both? Psychiatric diagnoses in high-functioning adolescents with ASD. *J Clin Child Adolesc Psychol*. 2012;41(4):516–23. [Epub 2012 May 29]. PMID: 22642846 PMCID: PMC3601822
153. Anney R, Klei L, Anney R, Klei L, Pinto D, Almeida J, Bacchelli E, Baird G, Bolshakova N, Bölte S, Bolton PF, Bourgeron T, Brennan S, Brian J, Casey J, Conroy J, Correia C, Corsello C, Crawford EL, de Jonge M, Delorme R, Duketis E, Duque F, Estes A, Farrar P, Fernandez BA, Folstein SE, Fombonne E, Gilbert J, Gillberg C, Glessner JT, Green A, Green J, Guter SJ, Heron EA, Holt R, Howe JL, Hughes G, Hus V, Iglizzi R, Jacob S, Kenny GP, Kim C, Kolevzon A, Kustanovich V, Lajonchere CM, Lamb JA, Law-Smith M, Leboyer M, Le Couteur A, Leventhal BL, Liu XQ, Lombard F, Lord C, Lotspeich L, Lund SC, Magalhaes TR, Mantoulan C, McDougle CJ, Melhem NM, Merikangas A, **Minshew NJ**, Mirza GK, Munson J, Noakes C, Papanikolaou K, Pagnamenta AT, Parrini B, Paton T, Pickles A, Posey DJ, Poustka F, Ragoussis J, Regan R, Renshaw K, Roberts W, Roeder K, Roge B, Rutter ML, Schlitt S, Shah N, Sheffield VC, Soorya L, Sousa I, Stoppioni V, Sykes N, Tancredi R, Thompson AP, Thomson S, Tryfon A, Tsiantis J, Van Engeland H, Vincent JB, Volkmar F, Vorstman J, Wallace S, Wing K, Wittmeyer K, Wood S, Zurawiecki D, Zwaigenbaum L, Bailey AJ, Battaglia A, Cantor RM, Coon H, Cuccaro ML, Dawson G, Ennis S, Freitag CM, Geschwind DH, Haines JL, Klauck SM, McMahon WM, Maestrini E, Miller J, Monaco AP, Nelson SF, Nurnberger JI Jr, Oliveira G, Parr JR, Pericak-Vance MA, Piven J, Schellenberg GD, Scherer SW, Vicente AM, Wassink TH, Wijsman EM, Betancur C, Buxbaum JD, Cook EH, Gallagher L, Gill M, Hallmayer J, Paterson AD, Sutcliffe JS, Szatmari P, Vieland VJ, Hakonarson H, Devlin B. Individual common variants exert weak effects on risk for Autism Spectrum Disorders. *Hum Mol Genet*. 2012 Nov 1;21(21):4781-92. [Epub 2012 Jul 26] PubMed PMID: 22843504 PMCID: PMC3471395
154. Williams DL, Goldstein G, **Minshew NJ**. The Modality Shift Experiment in Adults and Children with High Functioning Autism. *J Autism Dev Disord*. 2012 Aug 3 [Epub ahead of print] PMID: 22865151 PMCID: PMC3502709 [available on 2014/2/3]
155. Gastgeb HZ, Dundas EM, **Minshew NJ**, Strauss MS. Category Formation in Autism: Can Individuals with Autism Form Categories and Prototypes of Dot Patterns? *J Autism Dev Disord*. 2012 Aug 42(8):1694-1704. PMID: 22139431 PMCID: PMC3402705
156. Dinstein I, Heeger DJ, Lorenzi L, **Minshew NJ**, Malach R, Behrmann M. Unreliable Evoked Responses in Autism. *Neuron*. Sep 2012;75(6):981-991. PMID: 22998867 PMCID: PMC3457023
157. Mazefsky CA, McPartland JC, Gastgeb HZ, **Minshew NJ**. Brief Report: Comparability of DSM-IV and DSM-5 Autism Research Samples. *J Autism Dev Disord*. 2012 Sep 26 [Epub ahead of print Sep 26 2012] PMID: 23011251 PMCID: PMC3635090
158. Carter EJ, Williams DL, **Minshew NJ**, Lehman JF. Is he being bad? Social and language brain networks during social judgment in children with autism. *PLoS One*. 2012;7(10):e47241. [Epub 2012 Oct 17]. PMID: 23082151 PMCID: PMC3474836
159. Said CP, Egan RD, **Minshew NJ**, Behrmann M, Heeger DJ. Normal binocular rivalry in autism: Implications for the excitation/inhibition imbalance hypothesis. *Vision Res*. 2013 Jan 25;77:59-66 [Epub 2012 Nov 29] PMID: 23200868 PMCID: PMC3538943

160. Gonzalez C, Martin JM, **Minshew NJ**, Behrmann M. Practice Makes Improvement: How Adults with Autism Out-Perform Others in a Naturalistic Visual Search Task. *J Autism Dev Disord.* 2013 Oct;43(10):2259-68. [Epub 2013 Feb 5] PMID: 23381483 [PubMed-in process]
161. Eack SM, Bahorik AL, Hogarty SS, Greenwald DP, Litschge MY, Mazefsky CA, **Minshew NJ**. Brief Report: Is Cognitive Rehabilitation Needed in Verbal Adults with Autism? Insights from Initial Enrollment in a Trial of Cognitive Enhancement Therapy. *J Autism Dev Disord.* 2013 Feb 5 [Epub ahead of print] PMID: 23381484 PMCID: PMC3686872
162. Grubb MA, Behrmann M, Egan R, **Minshew NJ**, Carrasco M, Heeger DJ. Endogenous Spatial Attention: Evidence for Intact Functioning in Adults with Autism. *Autism Res.* 2013 Apr;6(2):108-18. [Epub 2013 Feb 20] PMID: 23427075 PMCID: PMC3661738 [Available on 2014/4/1]
163. Bishop-Fitzpatrick L, **Minshew NJ**, & Eack SM. A Systematic Review of Psychosocial Interventions for Adults with Autism Spectrum Disorders. *J Autism Dev Disord.* 2013 Mar;43(3):687-94 [Epub ahead of print] PubMed PMID: 22825929 PMCID: PMC3508309 [Available on 2014/3/1]
164. Williams DL, Vladimir LC, Mason RA, Keller TA, **Minshew NJ**, Just MA. Brain Function Differences in Language Processing in Children and Adults with Autism. *Autism Res.* 2013 Aug;6(4):288-302. [Epub 2013 Mar 14] PMID: 23495230
165. Eack SM, Greenwald DP, Hogarty SS, Bahorik AL, Litschge MY, Mazefsky CA, **Minshew NJ**. Cognitive Enhancement Therapy for Adults with Autism Spectrum Disorder: Results of an 18-month Feasibility Study. *J Autism Dev Disord.* 2013 Apr 26. [Epub ahead of print] PMID: 23619953 PMCID: PMC3773526
166. O'Hearn K, Franconeri S, Wright C, **Minshew NJ**, Luna B. The development of individuation in autism. *J Exp Psychol Hum Percept Perform.* 2013 Apr;39(2):494-509. [Epub 2012 Sep 10] PMID: 22963232 PMCID: PMC3608798
167. Grubb MA, Behrmann M, Egan R, **Minshew NJ**, Heeger DJ, Carrasco M. Exogenous spatial attention is intact in high-functioning adults with autism spectrum disorder: evidence from contrast sensitivity, crowding, and visual search. *Journal of Vision* 2013 [in press]
168. Mosconi MW, Luna B, Kay-Stacey M, Nowinski CV, Rubin LH, Scudder C, **Minshew N**, Sweeney JA. Saccade adaptation abnormalities implicate dysfunction of cerebellar-dependent learning mechanisms in Autism Spectrum Disorders (ASD). *PLoS One.* 2013 May 21;8(5):e63709. PMID: 23704934 PMCID: PMC3660571
169. Eack SM, Bahorik AL, McKnight SA, Hogarty SS, Greenwald DP, Newhill CE, Phillips ML, Keshavan MS, **Minshew NJ**. Commonalities in social and non-social cognitive impairments in adults with autism spectrum disorder and schizophrenia. *Schizophr Res.* 2013 Jun 12. [Epub ahead of print] PMID: 23768814 PMCID: PMC3732579
170. DiMartino A, Yan C-G, Li Q, Denio E, Castellanos FX, Alaerts K, Anderson JS, Assaf M, Bookheimer SY, Dapretto M, Deen B, Delmonte S, Dinstein I, Ertl-Wagner B, Fair DA, Gallagher L, Kennedy DP, Keown CL, Keysers C, Lainhart JE, Lord C, Luna B, Menon V, **Minshew NJ**, Monk CS, Mueller S, Muller R-A, Nebel MB, Nigg JT, O'Hearn K, Pelphrey KA, Peltier SJ, Rudie JD, Sunaert S, Thioux M, Tyszka JM, Uddin LQ, Verhoeven JS, Wenderoth N, Wiggins JL, Mostofsky SH, Milham MP. The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. *Mol Psychiatry* 2013 Jun 18;1-9. [Epub ahead of print] PMID: 23774715
171. Jou RJ, Frazier TW, Keshavan MS, **Minshew NJ**, Hardan AY. A two-year longitudinal pilot MRI study of the brainstem in autism. *Behav Brain Res.* 2013 Aug 15;251:163-7. [Epub 2013 Apr 22] PMID: 23619132 [PubMed-in process]



172. Holm MB, Baird JM, Kim YJ, Rajora KB, D'Silva D, Podolinsky L, Mazefsky C, **Minshew N**. Therapeutic horseback riding outcomes of parent-identified goals for children with autism spectrum disorder: An ABA' multiple case design examining dosing and generalization to the home and community. *J Autism Dev Disord*. 2013 Oct 4. [Epub ahead of print] PMID: 24091469
173. McFadden K, **Minshew NJ**. Evidence for dysregulation of axonal growth and guidance in the etiology of ASD. *Front Hum Neurosci*. 2013 Oct 22;7:671. PMID: 24155705 PMCID: PMC3804918
174. Kana R, Liu Y, Williams D, Keller T, Schipul S, **Minshew N**, Just M. The local, global, and neural aspects of visuospatial processing in autism spectrum disorders. *Neuropsychologia* 2013 Sept. [in press]
175. Takarae Y, Luna B, **Minshew NJ**, Sweeney J. Visual motion processing and visual sensorimotor control in autism. *J Int Neuropsychol Soc*. 2013 Oct. [in press]

### BOOK CHAPTERS AND OTHER ARTICLES

1. Pettegrew JW, **Minshew NJ**, Diehl J, Smith T, Kopp SJ, Glonek T. Anatomical considerations for interpreting topical <sup>31</sup>P-NMR. *Lancet*. 1983;11:913.
2. **Minshew NJ**, Pettegrew JW. Reye's Syndrome: Pathophysiology with emphasis on the role of fatty acids and membrane alterations. *Journal of the National Reyes Syndrome Foundation*. 1983;4:32-38.
3. **Minshew NJ**. Neurological localization in autism. In: Schopler E, Mesibov G, editors. *High Functioning Individuals with Autism*. New York: Plenum Press; 1992. p. 65-89.
4. **Minshew NJ**, Rattan AI. The clinical syndrome of autism. In: Rapin I, Segalowitz, S, editors. *Handbook of Neuropsychology Volume 7*. Amsterdam: Elsevier; 1992. p. 401-41.
5. Pettegrew JW, **Minshew NJ**. Molecular insights into schizophrenia. *Journal of Neural Transmitter*. 1992;36 Suppl:23-40.
6. **Minshew NJ**. The cerebral cortex in autism. In: Iannetti P, editor. *XVIII Congresso Nazionale Della Societa Italiana Di Neuropediatria*; 1992 October 8-10; Roma, Italy. p. 89-96.
7. Pettegrew JW, Klunk WE, Panchalingam K, **Minshew NJ**, McClure RJ. The diagnosis and prevention of Alzheimer's disease: The role of <sup>31</sup>P NMR. In: Nicolini M, Zatta PF, Corain B, editors. *Alzheimer's Disease and Related Disorders Volume 87. Advances in the Biosciences*: 1993; Padova, Italy. p. 375-82.
8. Pettegrew JW, **Minshew NJ**. Molecular insights into schizophrenia. In: Andreason N, editor. *Schizophrenia: From mind to molecule*. Washington: American Psychiatric Press; 1994. p. 221-44.
9. **Minshew NJ**, Dombrowski SM. *In vivo* neuroanatomy of autism: Imaging studies. In: Bauman ML, Kemper TL, editors. *The neurobiology of autism*. Baltimore: Johns Hopkins University Press; 1994. p. 66-85.
10. **Minshew NJ**. *In vivo* brain chemistry of autism: <sup>31</sup>P magnetic resonance spectroscopy studies. In: Bauman ML, Kemper TL, editors. *The neurobiology of autism*. Baltimore: Johns Hopkins University Press; 1994. p. 86-101.
11. **Minshew NJ**. Autism. In: Berg BO, editor. *Principles of child neurology*. New York: McGraw-Hill; 1996. p. 1713-29.
12. **Minshew NJ**, Pettegrew JW. Nuclear magnetic resonance spectroscopic studies of cortical development. In: Thatcher RW, Lyon GR, Rumsey J, Krasnegor N, editors. *Developmental neuroimaging: Mapping the development of brain and behavior*. San Diego: Academic Press; 1996. p. 107-25.

13. **Minshew NJ.** Pervasive developmental disorders: Autism & similar disorders. In: Feinberg T, Farah M, editors. Behavioral neurology and neuropsychology. New York: McGraw-Hill; 1997. p. 817-26.
14. Pettegrew JW, McClure R, Keshavan M, **Minshew NJ**, Panchalingam K, Klunk WE. <sup>31</sup>P magnetic resonance spectroscopy studies of developing brain. In: Krishnan KRR, Doraiswamy PM, editors. Neurodevelopmental models of adult psychopathology. Cambridge: Cambridge University Press, Inc.; 1996. p. 245-317,
15. **Minshew NJ.** Autism & the pervasive developmental disorders: The clinical syndrome. In: Shapiro BK, Accardo PJ, Capute AJ, editors. Behavior belongs in the brain: Neurobehavioral syndromes. Baltimore: York Press; 1997. p. 49-68.
16. **Minshew NJ**, Sweeney JA, Bauman ML. Neurologic aspects of autism. In: Cohen DJ, Volkmar FR, editors. Handbook of autism and pervasive developmental disorders [second edition]. New York: John Wiley & Sons, Inc.; 1997. p. 344-69.
17. **Minshew NJ**, Pettegrew JW. <sup>31</sup>P Magnetic Resonance Spectroscopy and its application to autism and the study of brain development. In: Garreau B, editor. Neuroimaging and developmental neurophysiology in child psychiatric disorders. Paris: Springer Verlag; 1998. p. 181-97.
18. **Minshew NJ**, Johnson C, Luna B. The cognitive and neural basis of autism: A disorder of complex information processing and dysfunction of neocortical systems. In: Glidden LM, Editor. International Review of Research in Mental Retardation. New York: Academic Press; 2000. p. 111-38.
19. **Minshew NJ**, Goldstein G. Autism as a disorder of complex information processing. In: Interdisciplinary Council on Developmental & Learning Disorders, editor. Clinical practice guidelines: Redefining the standards of care for children with special needs. Maryland: ICDL Press; 2000. p. 671-82.
20. Carpenter PA, Just MA, Keller T, Cherkassky V, Roth JK, **Minshew NJ**. Dynamic cortical systems subserving cognition: fMRI studies with typical and atypical individuals. In: McClelland JL, Siegler RS, editors. 29<sup>th</sup> Carnegie Symposium on cognition: Mechanisms of cognitive development: behavioral and neural perspectives. Mahwah: Erlbaum; 2001. p. 353-83.
21. **Minshew NJ.** Articles related to high-functioning individuals with autism or Asperger disorder. J Autism Dev Disord. 2001;31(1):1-3.
22. **Minshew NJ.** Brain anatomy in autism. J Autism Dev Disord. 2002;32(6):615-6
23. **Minshew NJ**, Meyer J, Dunn M. Autism spectrum disorders. In: Bolle F, Grafman J, Segalowitz SJ, Rapin I, editors. Handbook of neuropsychology, Volume 8, Part II: Child neuropsychology. Amsterdam: Elsevier; 2003. p. 863-96.
24. **Minshew NJ**, Meyer J. Pervasive developmental disorders: Autism & related conditions. In: Feinberg T, Farah M, editors. Behavioral neurology and neuropsychology. New York: McGraw-Hill Education; 2003. p. 853-65.
25. **Minshew NJ.** Ask the Editor. J Autism Dev Disord. 2004;34(6):737-8.
26. **Minshew NJ.** Editorial Preface. J Autism Dev Disord. 2004;34(6):597-602.
27. **Minshew NJ**, Sweeney JA, Bauman ML, Webb SJ. Neurologic aspects of autism. In: Volkmar FR, Paul R, Klin A, Cohen D, editors. Handbook of autism and pervasive developmental disorders, Volume 1. New Jersey: John Wiley & Sons, Inc; 2005. p. 473-514.
28. **Minshew NJ.** Ask the Editor. J Autism Dev Disord. 2005;35(6):687-93.
29. **Minshew NJ.** Ask the Editor. J Autism Dev Disord. 2005;36(7):833-7.
30. Takarae Y, **Minshew NJ**, Sweeney JA. Visual motion processing in autism: What studies on visuomotor behaviors tell us. Commentary for "Motion Perception and Autistic Spectrum Disorder: A Review" by Milne, Swettenham & Cambell. Cahiers de Psychologie Cognitive/Current Psychology of Cognition. 2005; 23(1/2):205-12.

31. **Minshew NJ**, Bauman M, Sweeney JA, Webb SJ. Neurologic aspects of autism. In: Volkmar FR, Klin A, Cohen P, Paul R, editors. Handbook of autism and pervasive developmental disorders. New York: John Wiley & Sons, Inc; 2005. p. 453-472.
32. **Minshew NJ**, Webb JS, Williams DL, Dawson G. Neuropsychology and neurophysiology of autism spectrum disorders. In: Moldin FS, Rubenstein J, editors. Understanding autism: From basic neuroscience to treatment. CRC Press; 2006. p. 380-98.
33. Schellenberg G, Sung YJ, Estes A, Munson J, Rosenthal E, Rothstein J, Leong L, Yu C, Rodier P, Spencer MA, **Minshew NJ**, McMahon W. Different genes may cause autism in boys and girls. [www.medicalnewstoday.com/articles/48459.php](http://www.medicalnewstoday.com/articles/48459.php) [published 2006 Aug 03]
34. Jou RJ, Hardan AY, Vitale M, **Minshew NJ**. Enlarged right superior temporal gyrus in youth with autism: P14. J Neuropsychiatry Clin Neurosci. 2006; 8(2):274.
35. **Minshew NJ**, Williams DL. Brain behavior connections in autism. In: Buron K, Wolfberg P, editors. Learners on the autism spectrum: Preparing highly qualified educators. Overland Park: Autism Asperger Publishing Company; 2007
36. Williams DL, **Minshew NJ**, Goldstein G. Memory within a complex information-processing model of autism. In: Boucher J, Bowler DM, editors. Memory in autism. Cambridge: Cambridge University Press; 2008. p. 125-42.
37. **Minshew NJ**, Williams DL, McFadden K. Information processing, neural connectivity and neuronal organization. In: Zimmerman AW, editor. Autism. Totowa: Humana Press; 2009.
38. Williams DL, **Minshew NJ**. How the brain thinks in autism. ASHA Leader. 2010;15(5):8-11.
39. **Minshew NJ**, Keller TA. The nature of brain dysfunction in autism: Functional brain imaging studies. Curr Opin Neurol. 2010;23(2):124-30. PMID: PMC2975255
40. Mazefsky CA, **Minshew NJ**. Clinical pearl. The spectrum of autism - from neuronal connections to behavioral expression. Virtual Mentor. 2010;12:867-72.
41. **Minshew NJ**. Neuroimaging of developmental disorders commentary: What has the study of neurodevelopmental disorders taught us? In: Shenton M, Turetsky B, editors. Understanding neuropsychiatric disorders: Insights from neuroimaging. Cambridge: Cambridge University Press; 2010. p. 555-8.
42. Amaral D, Rogers SJ, Baron-Cohen S, Bourgeron T, Caffo E, Fombonne E, Fuentes J, Howlin P, Rutter M, Klin A, Volkmar F, Lord C, **Minshew NJ**, Nardocci F, Rizzolatti G, Russo S, Scifo R, Jan van der Gaag R. Letter to the Editor: Against le packing: A consensus statement. JAACAP. 2011;50(2):191.
43. **Minshew NJ**. Is the structure of the brain different in Autism Spectrum Condition? In: Bölte S, Hallmayer J, editors. Autism spectrum conditions: International experts answer your questions on autism, Asperger syndrome and PDD-NOS. UK: Hogrefe Publishers; 2011. p. 118-24.
44. **Minshew NJ**, Scherf KS, Behrmann M, Humphreys K. Autism as a developmental neurobiological disorder: New insights from functional neuroimaging. In: Amaral DG, Dawson G, Geschwind GH, editors. Autism spectrum disorders. New York: Oxford University Press; 2011. p. 630-47.
45. McFadden K, **Minshew NJ**, Scherf KS. Neurobiology of autism spectrum disorder. In: Lubetsky M, Handen B, McGonigle J, editors. Autism spectrum disorder (Pittsburgh pocket psychiatry series). New York: Oxford University Press; 2011. p. 85-114.
46. **Minshew NJ**, McFadden KA. Commentary for special issue of Autism Research on mouse models in ASD: A clinical perspective. Autism Research; 2011;4(1):1-4. PMID: 21328567
47. **Minshew NJ**, Mazefsky CM. Organizing principles for autism research: Where do we go from here? In: Just MA, Pelphrey KA, editors. Development and Brain Systems in Autism. Psychology Press (Taylor & Francis): New York; 2013. Pp 221-240.

## PUBLISHED ABSTRACTS

1. Pettegrew JW, **Minshew NJ**, Nichols JS. Membrane fluorescence studies of dystonic fibroblasts. *Ann Neurol.* 1980;8:123-124.
2. **Minshew NJ**, Henderson, AC, Pettegrew JW. Hepatic encephalopathy: Effect of short chain fatty acids on cellular membranes. *Neurology.* 1981;31(2):143.
3. Pettegrew JW, **Minshew NJ**. Effects of short chain fatty acids on cellular membranes and energy metabolism: A nuclear magnetic resonance study. *Neurology.* 1981;31(2):142.
4. Pettegrew JW, **Minshew NJ**, Stewart RM. Dynamic membrane studies in individuals at risk for Huntington's disease. *Neurology.* 1981;31(2):151.
5. Pettegrew JW, **Minshew NJ**. Further evidence of a membrane abnormality in inherited dystonia. *Ann Neurol.* 1981;10:78.
6. **Minshew NJ**, Pettegrew JW. Reye's syndrome: Correlations of membrane abnormality with outcome. *Ann Neurol.* 1981;10:85.
7. **Minshew NJ**, Pettegrew JW, Blaw ME. Resistance of immature central nervous system cellular elements to a short chain fatty acid. *Neurology.* 1982;32(2):A64.
8. Pettegrew JW, **Minshew NJ**, Glonek T, Kopp SJ, Cohen MM. Phosphorus NMR study of gerbil stroke model. *Neurology.* 1982;32(2):A196.
9. Pettegrew JW, **Minshew NJ**, Glonek T, Kopp SJ, Cohen MM. Phosphorus-31 NMR analysis of Huntington and control brain. *Ann Neurol.* 1983;12:91.
10. Pettegrew JW, Kopp SJ, Glonek T, **Minshew NJ**, Cohen MM. Phosphorus-31 NMR analysis of normoxic and anoxic brain slices. *Neurology.* 1983;33 Suppl 2:152.
11. **Minshew NJ**, Haller RG, Pettegrew JW. Effect of ethanol on the membrane fluidity of intact cells versus isolated membranes. *Neurology.* 1983;33 Suppl 2:121.
12. Pettegrew JW, Kopp SJ, Glonek T, **Minshew NJ**, Cohen MM. P-31 nuclear magnetic resonance study of pentoxifylline effect on experimental cerebral ischemia. *Neurology.* 1983;33 Suppl 2:152.
13. Pettegrew JW, **Minshew NJ**, Feit H. Alterations in muscular dystrophy: A developmental sequence. *Neurology.* 1983;33 Suppl 2:127.
14. **Minshew NJ**, Pettegrew JW, Haller RG. Effect of ETOH on action transport and energy metabolism in living cells: A nuclear magnetic resonance study. *Ann Neurol.* 1983;14:139.
15. Pettegrew JW, **Minshew NJ**, Cohen MM, Kopp SJ, Glonek T. P-31 NMR changes in Alzheimer's & Huntington's disease brain. *Neurology.* 1984;34 Suppl 1:281.
16. Pettegrew JW, Kopp SJ, Dadok J, **Minshew NJ**, Feliksik JM, Glonek T, Cohen MM. Chemical characterization of a prominent phosphorylmonoester resonance in animal, Huntington's, and Alzheimer's brain: <sup>31</sup>P and <sup>1</sup>H NMR analysis at 4.7 and 14.1 Tesla. *Ann Neurol.* 1984;16:136-7.
17. Pettegrew JW, Kopp SJ, **Minshew NJ**, Glonek T, Feliksik JM, Tow JP, Cohen MM. <sup>31</sup>P NMR studies of phospholipids in developing and degenerating brain. Presented at the American Society for Neurochemistry Sixteenth Annual Meeting, Baltimore, Maryland, March 1985.
18. Pettegrew JW, Kopp SJ, **Minshew NJ**, Glonek T, Feliksik JM, Tow JP, Cohen MM. <sup>31</sup>P NMR studies of phospholipid metabolism in developing and degenerating brain. *Neurology.* 1985;35 Suppl 1:257.
19. **Minshew NJ**, Payton JB, Cullinan MA. Abnormalities of prosody and social speech in nonretarded autistics. *Neurology.* 1986;36 Suppl 1:178.
20. **Minshew NJ**, Payton JB, Sclabassi RJ. Cortical neurophysiologic abnormalities in autism. *Neurology.* 1986;36 Suppl 1: 194.
21. Payton JB, Steele MW, Wenger S, **Minshew NJ**. Association of the fragile-X chromosome abnormality with infantile autism. *Ann Neurol.* 1986;20:417.

22. **Minshew NJ**, Payton JB, Wolf GL, Latchaw RE. <sup>1</sup>H NMR imaging of autistics: Implications for neurobiology. *Ann Neurol*. 1986;20:417.
23. **Minshew NJ**, Payton JB. Evolution from a transcortical aphasia to an aprosodia or dysprosodia. *Neurology*. 1987;37 Suppl 1:111.
24. Payton JB, **Minshew NJ**. The association of self-injurious behavior with partial complex seizures in mentally retarded children. *Neurology*. 1987;37 Suppl 1:96-7.
25. Payton JB, **Minshew NJ**. Use of erythromycin to inhibit carbamazepine metabolism in preschool children with partial complex seizures. *Neurology*. 1987;37 Suppl 1:146.
26. **Minshew NJ**, Payton JB. Early appearance of partial complex seizures in children with infantile autism. *Ann Neurol*. 1987;22(2):408-9.
27. **Minshew NJ**, Payton JB. Autism: Evolution from a mixed transcortical aphasia to an aprosodia or dysprosodia. *Ann Neurol*. 1987;2(2):409.
28. Pettegrew JW, Panchalingam K, Spiker D, **Minshew NJ**, McKeag D, Strychor S, Tretta, M. Membrane molecular dynamics in affective illness. *Biol Psychiatry*. 1988;364.
29. **Minshew NJ**, Goldstein G, Maurer RG, Bauman ML, Goldman-Rakic PS. The neurobiology of autism: An integrated theory of the clinical and anatomic deficits. *J Clin Exp Neuropsychol*. 1989;11(1):38.
30. **Minshew NJ**, Payton JB, Goldstein G. Abstraction and memory deficits in non-retarded autistics: A fundamental deficit? *Neurology*. 1989;41 Suppl 1:136.
31. **Minshew NJ**, Pettegrew JW, Payton JB, Panchalingam K. Metabolic alterations in the dorsal prefrontal cortex of normal IQ autistics. *Ann Neurol*. 1989;26(3):438.
32. **Minshew NJ**, Furman JM, Goldstein G, Payton JB. The cerebellum in autism: A central role or an epiphenomenon? *Neurology*. 1990;40(3, part 2):14.
33. **Minshew NJ**, Pettegrew JW, Goldstein G, Phillips NE, Strychor S. Correlations between cognitive function and altered brain metabolism in autism. *J Clin Exp Neuropsychol*. 1991; 13(1):31.
34. **Minshew NJ**, Pettegrew JW, Panchalingam K, Phillips NE, Strychor S. Membrane phospholipid and energy metabolism in Down's syndrome are different than in Alzheimer's disease. *Neurology*. 1991; 41(3) Suppl 1:117
35. **Minshew NJ**, Pettegrew JW, Goldstein G, Phillips NE, Weldy SR. Correlations between in vivo brain phospholipid and high energy phosphate metabolism and cognitive functioning in autism. *Biological Psychiatry*. 1991;29 Suppl 9A:48A.
36. **Minshew NJ**, Holttum J, Sanders RS, Phillips NE. Cerebellar structure in autism: Implications for etiology. *Ann Neurol*. 1991;30(1):484.
37. **Minshew NJ**, Pettegrew JW, Rattan A, Phillips N, Panchalingam K. Correlations between brain metabolism and cognitive function in autism. *Journal of the American Academy of Child and Adolescent Psychiatry*. Book of proceedings. 1991.
38. Holttum J, **Minshew NJ**, Sanders R, Phillips N. Cerebellar structure in autism: Are MRI findings pathogenetic or incidental? *Journal of the American Academy of Child and Adolescent Psychiatry*. Book of proceedings. 1991.
39. **Minshew NJ**, Pettegrew JW, Panchalingam K, Phillips NE. The study of Alzheimer's disease in Down syndrome: Understanding the pathogenesis. *J Clin Exp Neuropsychol*. 1992;14(1):66.
40. **Minshew NJ**, Panchalingam K, Dombrowski SM, Pettegrew JW. Developmentally regulated changes in brain membrane metabolism. *Biological Psychiatry*. 1992;31 Suppl 5A:62A.
41. **Minshew NJ**, Goldstein G, Panchalingam K, Dombrowski SM, Pettegrew JW. In vivo metabolic abnormalities of the frontal lobe in autism. *Society of Neuroscience Abstract*. 1992;18(2):1266.
42. **Minshew NJ**, Goldstein G. Autism: A distributed neural network defect? *Journal of the American Academy of Child and Adolescent Psychiatry*. Book of proceedings. 1992.

43. **Minshew NJ**, Goldstein G, Panchalingam K, Dombrowski SM, Pettegrew JW. In vivo metabolic abnormalities of the frontal lobe in autism. *Child's Nervous System*. 1992;8:362.
44. **Minshew NJ**, Goldstein G. Autism: A distributed neural network deficit? *J Clin Exp Neuropsychol*. 1993;15(1):56.
45. **Minshew NJ**, Siegel DJ, Goldstein G, Taylor HG. The psychoeducational profile in high functioning autism: A non-conventional learning disability. *Arch Clin Neuropsychol*. 1993;8(3):252.
46. Siegel DJ, **Minshew NJ**, Goldstein G. Wechsler IQ profiles in autism: The high functioning subgroup. *Arch Clin Neuropsychol*. 1993;8(3):264.
47. Weldy SR, Siegel DJ, **Minshew NJ**. The twenty questions procedure: Use of interrogative strategies in autism. *Arch Clin Neuropsychol*. 1993;8(3):271.
48. **Minshew NJ**, Goldstein G. Is autism an amnesic disorder? *Biol Psychiatry*. 1993;33 Suppl 6A:104A.
49. **Minshew NJ**, Goldstein G. Autism: A distributed neural network defect? *Biol Psychiatry*. 1993;33 Suppl 6A:105A.
50. **Minshew NJ**, Siegel DJ, Goldstein G, Nicholson M. Language deficits in verbal autistic individuals. *Ann Neurol*. 1993;34(3):497.
51. **Minshew NJ**, Goldstein G, Nicholson M, Pettegrew JW. A <sup>31</sup>P MRS surface coil study of in vivo brain membrane synthesis and bioenergetics in autism. *Dev Brain Dysfunct*. 1993;6:348.
52. **Minshew NJ**, Siegel DJ, Goldstein G, Nicholson M. Language deficits in verbal autistics: Semantics, pragmatics, and verbal reasoning. *Arch Clin Neuropsychol*. 1994;9(2):163-4.
53. **Minshew NJ**, Goldstein G, Siegel DJ, Nicholson M. Selective pattern of cognitive functioning in autism: A function of information processing load. *Biol Psychiatry* 1994;35(9):632.
54. Landa R, Allen D, Ozonoff S, **Minshew NJ**. Semantic and pragmatic characteristics of high-functioning autistic individuals. *ASHA*. 1994.
55. **Minshew NJ**, Siegel DJ, Goldstein G, Nicholson M. Patterns of language ability in high functioning autistic children and adults. *J Int Neuropsychol Soc*. 1995;4:340.
56. **Minshew NJ**, Goldstein G, Siegel DJ. Neuropsychological functioning in autism: Evidence for a generalized deficit in complex information processing. *Society for Research and Child Development book of abstracts*. 1995.
57. Landa R, Martin M, **Minshew NJ**, Goldstein G. Discourse and abstract language abilities in high-functioning autistic individuals. *Society for Research and Child Development book of abstracts*. 1995.
58. Goldstein G, Siegel DJ, **Minshew NJ**. Abstraction and problem solving in autism: Further categorization of the fundamental deficit. *Arch Clin Neuropsychol*. 1995;10:335.
59. **Minshew NJ**, Sweeney JA, Luna B, Furman JM. Evidence for a primary neocortical systems abnormality in autism. *Society for Neuroscience Abstracts*. 1995;21:735.
60. **Minshew NJ**, Goldstein G, Siegel DJ, Pettegrew JW, Aylward EH, Pearlson GD. MRI & MRS correlates of information processing in autism. *J Int Neuropsychol Soc*. 1996;2(1):40.
61. Bagwell WW, **Minshew NJ**, Rosenberg D, Sweeney JA, Pettegrew JW, Keshavan MS. Developmental morphology of the corpus callosum in healthy and first-break schizophrenic subjects. *Biol Psychiatry*. 1996;39(7):518.
62. **Minshew NJ**, Goldstein G, Siegel DJ. Complex memory impairments in autism. *J Int Neuropsychol Soc*. 1996;2:190.
63. **Minshew NJ**, Goldstein G, Siegel DJ, Pettegrew JW, Aylward EH, Pearlson GD. MRI and MRS correlates of information processing in autism. *J Int Neuropsychol Soc*. 1996;2:40.
64. **Minshew NJ**, Goldstein G, Siegel DJ. Complex memory impairments in autism: Evidence of cortical dysfunction. *Ann Neurol*. 1996;40:333.

65. **Minshew NJ**, Goldstein G, Siegel DJ. Neuropsychological functioning in autism: Evidence for a generalized complex information processing deficit. *International Journal of Psychology*. 1996;31:38.
66. **Minshew NJ**, Sweeney JA, Luna B. Shifting attention versus executive regulation of attention in autism. *J Int Neuropsychol Soc*. 1998;4:70.
67. Siegel DJ, Goldstein G, Beers S, **Minshew NJ**. A comparison of IQ profiles in adults with developmental learning problems. *J Int Neuropsychol Soc*. 1998;4:70.
68. Luna B, **Minshew NJ**, Keshavan MS, Merriam EP, Boarts DA, Genovese CR, Thulborn KR, Sweeney JA. fMRI studies of antisaccades in children and adults. *Society for Neuroscience. Book of proceedings*. 1998;523.
69. Luna B, **Minshew NJ**, Keshavan MS, Merriam EP, Eddy WF, Thulborn KR, Sweeney JA. Spatial working memory improves from late childhood to adulthood: Eye movement & fMRI studies. *Society for Neuroscience*. 1999;1142.
70. Luna B, Merriam EP, **Minshew NJ**, Keshavan MS, Genovese CR, Thulborn KR, Sweeney JA. Response inhibition improves from late childhood to adulthood: Eye movement & fMRI studies. *J Cog Neurosci*. 1999; Suppl: 57.
71. Aylward EH, **Minshew NJ**, Goldstein G. MRI volumes of amygdala and hippocampus in non-mentally retarded autistic adolescents and adults. *American Neuropsychiatric Association. Book of proceedings*. 1999.
72. **Minshew NJ**, Aylward EH, Goldstein G, Honeycutt NA, Augustine AM, Yates KO, Barta PE, Pearlson GD. MRI volumes of amygdala and hippocampus in non-mentally retarded autistic adolescents and adults. *Neurology*. 1999;52 Suppl 2:A28.
73. Goldstein G, Siegel D, Beers S, **Minshew NJ**. WAIS-R profiles in adults with learning disability and high functioning autism. *J Int Neuropsychol Soc*. 2000;5(4):285.
74. Stanley JA, **Minshew NJ**, Keshavan MS, Panchalingam K, McClure RJ, Pettegrew JW. Assessing the age-dependent profile of healthy normal controls using IN VIVO <sup>31</sup>P MRS. *Society of Biological Psychiatry*. 2000;47S:111.
75. Luna B, Garver KE, Merriam EP, **Minshew NJ**, Keshavan CR, Thulborn KR, Sweeney JA. Developmental fMRI studies of spatial working memory from late childhood to adulthood. *J Cog Neurosci*. 2000; Suppl:61.
76. Garver KE, **Minshew NJ**, Sweeney JA, Thulborn KR, Luna B. Neocortical system abnormality in autism during an oculomotor spatial working memory task: An fMRI study. *Society for Neuroscience Abstracts*. 2000; vol. 26, program no. 866.13.
77. Diwadkar VA, Dick E, Kotwal R, Bagwell WW, Rosenberg DR, Sweeney JA, **Minshew NJ**, Pettegrew JW, Keshavan MS. Development of corpus callosum subregions in humans: Evidence for synchrony in postnatal cortical development? *Biol Psychiatry*. 2001;49:98S(340).
78. Garver KE, Sweeney JA, **Minshew NJ**, Thulborn KR, Gibbons MG, Luna B. High-functioning autistic subjects show abnormalities in prefrontal cortical function during a spatial working memory task. *J Cog Neurosci Suppl: Cognitive Neuroscience Society Annual Meeting*; March 25-27, 2001, New York.
79. Luna B, Garver KE, Gibbons MG, **Minshew NJ**, Sweeney JA. Maturation of basic attention and sensorimotor control from late childhood to adulthood: An fMRI study. *Society for Neuroscience Abstracts*. 2001; vol. 27, program no. 961.2.
80. Gordon ES, **Minshew NJ**, Getting E, Devlin BJ. The serotonin connection: A family history study of the possible association between autism and migraine headaches. *American Society of Human Genetics*. 2001;69(Suppl): 296.
81. Silverman L, **Minshew NJ**, Bennetto L. Semantic processing and verbal recall in adults with autism. *J Int Neuropsychol Soc*. 2002;8:235.

82. Silverman LS, Bennetto L, **Minshew NJ**. Semantic processing and verbal recall in adults with autism. Presented at the International Neuropsychological Society Meeting 2002 Feb; Toronto, Canada.
83. **Minshew NJ**, Kushner ES, Goldstein G. Part-whole analysis and strategy formation in autism. International Meeting for Autism Research Abstracts. 2002; p.16.
84. Escalante-Mead PR, **Minshew NJ**, Steele SD, Sweeney JA. Maturational disturbances in hemispheric specialization in high functioning autism. International Meeting for Autism Research Abstracts. 2002; p.44.
85. Hardan AH, Yorbik O, **Minshew NJ**, Diwadkar VA, Keshavan MS. A voxel-based morphometry study of grey matter in autism. International Meeting for Autism Research Abstracts. 2002; p. 45.
86. Silverman L, **Minshew NJ**. Memory and strategy use in autism. International Meeting for Autism Research Abstracts. 2002; p.65 (incorrectly printed).
87. Simo LS, **Minshew NJ**, Steele S, Fingerhut D, Sweeney JA. Preserved procedural learning in autism. International Meeting for Autism Research Abstracts. 2002; p.65.
88. Williams DL, **Minshew NJ**, Goldstein G. Impaired memory for faces and social scenes in autism: Clinical implications of memory dysfunction. International Meeting for Autism Research Abstracts. 2002; p.66.
89. Steele S, **Minshew NJ**, Luna B, Sweeney JA. Developmental impairment of prefrontal function in autism. International Meeting for Autism Research Abstracts. 2002; p.67.
90. Takarae Y, **Minshew NJ**, Luna B, Krisky CM, Sweeney JA. Pursuit eye movement deficits in autism. International Meeting for Autism Research Abstracts. 2002; p.67.
91. Hasson U, Harel M, Gelbard H, Avidan G, **Minshew NJ**, Malach R, Behrmann M. Disruption of inter-subject correlated activations in individuals with autism during natural stimulation. Center for Neural Science, New York University, New York, NY, USA, 2003
92. Goldstein G, **Minshew NJ**. Conceptual reasoning in autism. J Int Neuropsychol Soc. 2003; p. 272.
93. Kana RK, Keller TA, Just MA, **Minshew NJ**. A functional MRI study of response inhibition in autism. Poster presented at the International Meeting for Autism Research, Sacramento, CA. 2004.
94. **Minshew NJ**, Williams DL, Goldstein G. A further characterization of complex cognitive abilities in high functioning autism. Abstract presented at the International Meeting for Autism Research, Sacramento, CA. 2004
95. Goldstein G, Williams DL, **Minshew NJ**. A profile of memory function in children with autism. Abstract presented at the International Meeting for Autism Research, Sacramento, CA. 2004.
96. Hardan AY, Lacerda A, Yorbik O, Keshavan MS, **Minshew NJ**. An MRI study of the orbitofrontal cortex in autism. Abstract presented at the International Meeting for Autism Research, Sacramento, CA. 2004.
97. Ozonoff S, Coon H, Dawson G, Joseph RM, Klin A, McMahon WM, **Minshew NJ**, Munson JA, Pennington BF, Rogers SJ, Spence A, Tager-Flusberg H, Volkmar FR. Performance on CANTAB subtests sensitive to frontal lobe function in people with autistic disorder: Evidence from the CPEA network. Abstract presented at the International Meeting for Autism Research, Sacramento, CA. 2004
98. Steele S, **Minshew NJ**, Luna B, Sweeney JA. Spatial working memory deficit in autism. Abstract presented at the International Meeting for Autism Research, Sacramento, CA. 2004.
99. Hardan AY, Vitale M, Muddasani S, Keshavan MS, **Minshew NJ**. Superior temporal gyrus abnormalities in children with autism. Abstract presented at the International Meeting for Autism Research, Sacramento, CA. 2004.



100. Tager-Flusberg H, McGrath L, Cook EH, Dawson G, Dunn M, Hyman S, Lord C, Rodier R, McMahon W, **Minshew NJ**, Sigman M, Spence A, Williams DL, Volkmar FR. A CPEA study of language history and language outcomes in autism spectrum disorders. Abstract presented at the International Meeting for Autism Research, Sacramento, CA. 2004.
101. Williams DL, **Minshew NJ**. Variable presentation of complex language skills in high-functioning children and adolescents with autism. Abstract presented at the International Meeting for Autism Research, Sacramento, CA. 2004.
102. Strauss MS, **Minshew NJ**. The abstraction of object and facial information by individuals with autism. Invited paper presented at the International Meeting for Autism Research, Sacramento, CA. 2004.
103. Hasson U, Gelbard H, Avidan G, Harel M, Lee G, **Minshew NJ**, Malach R, Behrmann M. Disrupted inter-subject BOLD correlation in autistic adults under naturalistic viewing conditions. Society for Neurosciences, San Diego, November. 2004.
104. Gastgeb H, Strauss MS, Rump KM, Best CA, Newell LC, **Minshew NJ**. Do individuals with autism process categories differently: The effect of Typicality on Basic Level Object Categorization. Presented at the meeting of the Society for Research in Child Development, Atlanta, GA, 2005.
105. Best CA, Strauss MS, Newell LC, Gastgeb H, Rump KM, **Minshew NJ**. Memory Abilities of Children and Adults With Autism: Incidental Recognition of Distinctive Versus Typical Faces, Poster presented at the meeting of the Society for Research in Child Development, Atlanta, GA, 2005.
106. Strauss MS, Newell LC, Best CA, Rump KM, Gastgeb H, **Minshew NJ**. Discrimination of Facial Gender by Typically Developing Children and Individuals With Autism, Poster presented at the meeting of the Society for Research in Child Development, Atlanta, GA. 2005.
107. Strauss MS, Turner C, **Minshew NJ**. Numerical estimation: Do individuals with autism demonstrate superior abilities? Poster presented at the International Meeting for Autism Research, Boston, MA. 2005.
108. Gastgeb H, Strauss MS, **Minshew NJ**. Object categorization in individuals with autism. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
109. Goldstein G, Williams D, **Minshew NJ**. Shifting of attention in high-functioning autism. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
110. Kojkowski N, **Minshew NJ**, Goldstein G. Atypical Wechsler intelligence scale profiles in high functioning autism. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
111. Best CA, Strauss MS, Newell LC, **Minshew NJ**. Face knowledge in individuals with autism: Abstracting specific information from faces. Poster presented at the International Meeting for Autism Research, Boston, MA. 2005.
112. Thomas C, **Minshew NJ**, Kimchi R, Behrmann M. Global and local processing: Heterogeneity in a group of high functioning autistic adults. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
113. Kana R, Keller T, Williams D, **Minshew NJ**, Just M. Attribution of mental states in high functioning autism: evidence for cortical underconnectivity. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
114. Koshino H, Kana R, **Minshew NJ**, Just M. Brain activation to face stimuli in a working memory task in high functioning autism. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
115. Takarae Y, **Minshew NJ**, Luna B, Sweeney J. Functional MRI study of sensorimotor deficits in autism. Presented at the International Meeting for Autism Research, Boston, MA. 2005.

116. Williams D, Koshino H, Kana R, **Minshew NJ**, Just M. A functional MRI study of mental rotation in autism. Poster presented at the International Meeting for Autism Research, Boston, MA. 2005.
117. **Minshew NJ**, Goldstein G, Williams D. Neuropsychologic functioning in children with autism. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
118. Giovannelli J, Strauss M, Best C, Newell L, Rump K, Turner K, **Minshew NJ**. Face processing abilities in young children with autism. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
119. Rump KM, Strauss MS, Giovannelli J, Turner C, **Minshew NJ**. Recognizing subtle expressions of emotion: Individuals with autism and emotion recognition. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
120. Humphreys K, **Minshew NJ**, Behrmann M. Selective attention in high-functioning adults with autism. Presented at the International Meeting for Autism Research, Boston, MA. 2005.
121. Behrmann M, Thomas C, Kimchi R, **Minshew NJ**. Visual perceptual organization in adults with autism. Abstract presented at the Vision Sciences Society, May, Sarasota, FL. 2005.
122. Scherf KS, Behrmann M, **Minshew N**, Luna B. Face recognition deficits in autism: A failure to develop second-order configural processing skills. Abstract submitted to the Society for Cognitive Neuroscience, April, NY. 2005.
123. Thomas C, Behrmann M, Kimchi R, **Minshew NJ**. Global and local visual processing in autism: Insights from heterogeneous hierarchical letter stimuli. Abstract submitted to the Society for Cognitive Neuroscience, April, NY. 2005.
124. Schellenberg GD, Dawson G, Munson J, Estes A, Spence MA, McMahon W, Coon H, **Minshew NJ**, Wijsman, EM. A complete genome scan of autism families. Abstract presented at CPEA STAART Meeting. 2005.
125. JA Sweeney, Y Takarae, B Luna, **Minshew NJ**. Visual sensorimotor systems in autism. Abstract presented at CPEA STAART Meeting. 2005.
126. Macmillan C, Takarae Y, Luna B, **Minshew N**, Sweeney JA. Functional MRI study of oculomotor deficits in autism. *Ann Neurol*. 2005;58 (suppl 9): S86
127. Goldstein G, Allen DN, **Minshew NJ**, Williams DL, Klin A, Volkmar F, Schultz RT. Confirmatory factor analysis of the Wechsler Scales in high functioning autism. Presented at the International Meeting for Autism Research, Montreal, Canada. 2006.
128. Scherf KS, Behrmann M, Doyle J, Dang E, **Minshew NJ**, Luna B. Is configural processing to blame? Investigating the development of perceptual processing biases in autism. International Meeting for Autism Research, Montreal, Canada. 2006.
129. Liu R, Garver KE, Geier C, **Minshew NJ**, Sweeney JA, Luna B. Developmental changes in brain function supporting voluntary response suppression in high-functioning autistic individuals. Cognitive Neuroscience Meeting, Boston MA. 2006.
130. Luna B, Doll SK, Hegedus SJ, **Minshew NJ**, Sweeney JA. Maturation of executive function in autism. *Biol Psychiatry*. 2007;61(4):474-81
131. Rump K, Gastgeb H, **Minshew NJ**, Strauss MS. Metacognitive monitoring in children and adults with autism: Examining self-awareness of knowledge. International Meeting for Autism Research, Boston, MA. 2007.
132. Best CA, Strauss MS, Newell LC, **Minshew NJ**. Memory for faces: A comparison of intentional vs. incidental paradigms. International Meeting for Autism Research, Boston, MA. 2007.
133. Kana RK, Williams DL, Keller, TA, **Minshew NJ** and Just MA. Visuospatial processing in autism; the local, the global and the neural. International Meeting for Autism Research, Boston, MA. 2007.
134. Mazefsky CA, Williams DL and **Minshew NJ**. Adaptive functioning and family history in high-functioning autism. International Meeting for Autism Research, Boston, MA. 2007.

135. Wilkinson DA, Bes CA, **Minshew NJ**, Strauss MS. Metamemory in individuals with autism: self-awareness of performance on facial recognition tasks. International Meeting for Autism Research, Boston, MA. 2007.
136. Williams DL, Kana RJ, Cherkassky V, Keller TA, **Minshew NJ**, Just MA. Functional MRI study: Metaphor and irony processing in high-functioning autism. American Speech-Language-Hearing Association, Boston, MA. 2007.
137. Hardan AY, Keshavan MS, Gordia DD, **Minshew NJ**. A longitudinal MRI study of cortical grey and white matter structures in children with autism. International Meeting for Autism Research, Boston, MA. 2007.
138. Macmillan C, Takarae Y, Luna B, **Minshew NJ**, Sweeney J. Behavioral and fMRI analyses of visual motor perception in autism. *Ann Neurol*. 2007;62:S11
139. Williams DL, Kana RJ, Mason R, **Minshew NJ**, Just MA. A functional MRI study of lexical ambiguity in high-functioning autism. American Speech-Language-Hearing Association, Boston, MA. 2007.
140. Bodner KE, Williams DL, **Minshew NJ**. Examination of intelligence measures in children and adults with high-functioning autism. International Meeting for Autism Research, poster presentation, London, England. 2008.
141. Dinstein I, Thomas C, Humphreys K, **Minshew NJ**, Behrmann M, Heeger DJ. Dysfunctional mirror neurons and Autism. International Meeting for Autism Research, poster presentation, London, England. 2008.
142. Carter E, Hudac CM, Perlman SB, Vander Wyk BC, Dewhurst SG, **Minshew NJ**, Pelphrey KA. Influences of manipulating scanpaths on brain activity evoked by faces. International Meeting for Autism Research, poster presentation, London, England. 2008.
143. Williams DL, Cherkassky V, Kana RK, **Minshew NJ**, Just MA. fMRI of children and adults with autism during an irony comprehension task: Developmental implications. International Meeting for Autism Research, poster presentation, London, England. 2008.
144. Goldstein G, Williams DL, **Minshew NJ**. Associations between conceptual reasoning and adaptive ability in high functioning autism. International Meeting for Autism Research, poster presentation, London, England. 2008.
145. Schipul SE, Williams DL, Keller TA, Kana RK, **Minshew NJ**, Just MA.. Learning to detect lies in autism. International Meeting for Autism Research, poster presentation, London, England. 2008.
146. Damarla SR, Keller TA, Kana RK, Williams DL, Prat C, **Minshew NJ**, Just MA. Neural correlates of greater dual tasking costs in autism: An fMRI study of two unrelated tasks, International Meeting for Autism Research, poster presentation, London, England. 2008.
147. Kana RK, Keller TA, Williams DL, Cherkassky VL, **Minshew NJ**, Just MA. Mindreading, mirror neurons, and cortical midline structures in autism. International Meeting for Autism Research, poster presentation, London, England. 2008.
148. **Minshew NJ**, Williams DL, Zajac Gastgeb H, Bodner KE. Inferior performance on embedded figures tasks by high functioning children and adults with autism consistent with reduced local connectivity & slower search strategy. International Meeting for Autism Research, poster presentation, London, England. 2008.
149. Minzuno A, Williams DL, Keller TA, **Minshew NJ**, Just MA. Understanding pronominal reference in adults with high-functioning autism. International Meeting for Autism Research, poster presentation, London, England. 2008.
150. D'Cruz AM, Nowinski CV, Kay M, Seidenfeld A, Rubin LH, Mosconi MW, Scudder C, Luna B, **Minshew NJ**, Sweeney JA. Saccadic adaptation in autism. International Meeting for Autism Research, poster presentation, London, England. 2008.
151. Scherf SK, Behrmann M, **Minshew NJ**, Luna B. Atypical development of face-related Activation in Autism, Society for Neuroscience Annual Meeting, November 15, 2008.

152. Wilkinson DA, **Minshew NJ** & Strauss MS. Facial processing in individuals with autism: A closer look at configural and featural processing. Poster presentation at the meetings of the Society for Research in Child Development, Denver, CO. 2009.
153. Pitskel NB, Hudac CM, Lantz SD, **Minshew NJ**, Pelphrey KA. Diminished selectivity of the social brain in individuals with autism. International Meeting for Autism Research, Chicago, IL. 2009.
154. Gastgeb HZ, Dundas EM, **Minshew NJ**, Strauss MS. Category formation in autism: Can individuals with autism form categories of dot patterns. International Meeting for Autism Research, Chicago, IL. 2009.
155. Wilkinson D, **Minshew NJ**, Strauss M. Identification of distinctive faces in individuals with autism. International Meeting for Autism Research. Chicago, IL. 2009.
156. Minshew NJ, Behrmann M, Thomas C, Humphreys K. The continuing Story of connections in autism: Truly a distributed neural network disorder. International Meeting for Autism Research, Chicago, IL. 2009.
157. Best CA, Wilkinson D, Strauss M, **Minshew NJ**. Ratings of facial attractiveness by high-functioning individuals with autism. International Meeting for Autism Research, Chicago, IL. 2009.
158. Hannigen SF, Best CA, Rump K, **Minshew NJ**, Strauss MS. An eye-tracking Study: The effect of task on visual attention to faces in autism. International Meeting for Autism Research, Chicago, IL. 2009.
159. **Minshew NJ**, Bodner K, Williams DL. Facial recognition, configural processing, and concept formation in high-functioning autism. International Meeting for Autism Research, Chicago, IL. 2009.
160. Schipul SE, Williams DL, Keller TA, **Minshew NJ**, Just MA. Trustworthiness judgments in autism: An fMRI study. International Meeting for Autism Research, Chicago, IL. 2009.
161. Bodner KE, **Minshew NJ**, Williams DL. The Pittsburgh Inference Test (PIT): a pilot study evaluating a measure of discourse processing in individuals with high-functioning autism. International Meeting for Autism Research, Chicago, IL. 2009.
162. O'Hearn K, Wright C, Terwilliger R, Velanova K, **Minshew NJ**, Luna B. A distinct pattern of parietal lobe activation during visuospatial processing in autism. SfN, Chicago, IL. 2010.
163. Hannigen SF, Syed SZ, **Minshew NJ**, Strauss MS. Smiling behavior of infants at low and high risk for autism: Are high risk infants less attuned to changes in interactive context? International Conference on Infant Studies, Baltimore, MD. 2010.
164. Carter EJ, Williams DL, **Minshew NJ**, Pelphrey KA. Neural correlates of the interaction of gaze direction and facial expression in individuals with autism. International Meeting for Autism Research, Philadelphia, PA. 2010.
165. Casanova MA, El-Baz AS, Switala AE, Williams EL, Williams DL, **Minshew NJ**, Conturo TE. Quantitative analysis of the shape of the corpus callosum in autism. International Meeting for Autism Research, Philadelphia, PA. 2010.
166. Conturo TE, Williams DL, Williams EL, Smith CD, Gultepe E, Akbudak E, Strauss MS, **Minshew NJ**. Microstructural changes in face processing pathways in autism: Diffusion Tensor Tracking (DTT) with behavioral comparison. International Meeting for Autism Research, Philadelphia, PA. 2010.
167. Frazier TW, Stanley J, **Minshew NJ**, Keshavan MS, Hardan AY. A Magnetic resonance spectroscopy study of white matter in autism. International Meeting for Autism Research, Philadelphia, PA. 2010.
168. Glosser RX, Williams DL, Mazefsky CA, **Minshew NJ**, Goldstein G. Intact and impaired conceptual reasoning abilities in high functioning autism. International Meeting for Autism Research, Philadelphia, PA. 2010.

169. Griebeling JM, Mazefsky CA, Williams DL, **Minshew NJ**. Memory for detail in high-functioning children and adults with autism. International Meeting for Autism Research, Philadelphia, PA. 2010.
170. Hannigen SF, **Minshew NJ**, Strauss MS. Mothers' affective responses to high- and low-risk infants during face-to-face interaction: Effects of infant risk-status and age. International Meeting for Autism Research, Philadelphia, PA. 2010.
171. Hong DS, **Minshew NJ**, Keshavan MS, Hardan AY. Longitudinal surface morphometry changes in children with autism. International Meeting for Autism Research, Philadelphia, PA. 2010.
172. Mizuno A, Liu Y, Williams DL, Keller TA, **Minshew NJ**, Just MA. The neural basis of pronoun selection in autism. International Meeting for Autism Research, Philadelphia, PA. 2010.
173. Williams DL, Carter EJ, **Minshew NJ**, Pelphrey KA. Brain mechanisms for perceiving emotional information in body movement in children with autism. International Meeting for Autism Research, Philadelphia, PA. 2010.
174. Padmanabhan A, Liu R, Nawarawong N Terwilliger R, Garver KE, Geier CF, **Minshew NJ**, Sweeney JA, Luna B. Developmental changes in brain function underlying inhibitory control in autism. Organization for Human Brain Mapping, Barcelona, Spain. 2010.
175. Casanova M, El-Baz AS, Switala AE, Williams EL, Williams DL, **Minshew NJ**, Conturo TE. Quantitative analysis of the shape of the corpus callosum in autism. American Academy of Child and Adolescent Psychiatry 57th Annual Meeting, Poster Presentation #13967, New York, New York. 2010.
176. Goldstein G, Williams DL, Mazefsky CA, Minshew NJ. Relationship between age and associations between cognitive and adaptive abilities in high functioning autism. American College of Professional Neuropsychology Third Annual Meeting, Las Vegas, Nevada. 2011.
177. Hannigen S, Bobak A, Strauss MS, **Minshew NJ**. The development of positive affect matching between infants at high- and low-risk for autism and their mothers (Poster). Society for Research in Child Development Biennial Meeting, Montreal, Canada. 2011.
178. Gastgeb HZ, Wilkinson D, **Minshew NJ**, Strauss MA. Can individuals with autism abstract prototypes of faces? International Meeting for Autism Research, San Diego, CA. 2011.
179. Goldstein G, Williams DL, **Minshew NJ**. A comparison of basic attentional shifting between adults and children with high functioning autism. International Meeting for Autism Research, San Diego, CA. 2011.
180. Mazefsky CA, Oswald DP, Eack SM, **Minshew NJ**, Lainhart JE. Teasing apart psychiatric misdiagnoses from comorbidity and implications for psychotropic medication use in adolescents with high-functioning ASDs. International Meeting for Autism Research, San Diego, CA. 2011.
181. Williams DL, Carter EJ, Lehman JF, **Minshew NJ**. Brain activation during inferential and Theory of Mind processing in children with autism. International Meeting for Autism Research, San Diego, CA. 2011.
182. Carter EJ, Williams DL, Lehman JF, **Minshew NJ**. Is he being bad? Brain activation during social judgment in children with autism. International Meeting for Autism Research, San Diego, CA. 2011.
183. Conturo TE, Williams DL, Smith CD, McMichael Ar, Chua KW, Gree SC, Strauss MS, **Minshew NJ**. Network model of face processing in autism based on Diffusion Tensor Tracking (DTT) and behavioral data. International Meeting for Autism Research, San Diego, CA. 2011.
184. Lee GY, Frazier TW, **Minshew NJ**, Piacenza L, Reiss A, Hardan AY. A longitudinal study of the amygdala and hippocampus in autism. International Meeting for Autism Research, San Diego, CA. 2011.
185. Goldstein G, Williams DL, **Minshew NJ**. A comparison of basic attentional shifting between adults and children with high-functioning autism. International Meeting for Autism Research, San Diego, CA. 2011.

186. Uddin LQ, Ryali S, Young C, Chen T, Khouzam A, **Minshew NJ**, Hardan A, Menon V. Multivariate classification of structural MRI in children with autism spectrum disorder. Organization for Human Brain Mapping Annual Meeting, Quebec, Canada. 2011.
187. Williams DL, Carter EJ, Lehman JF, **Minshew NJ**. Neuroimaging of inferential and theory-of-mind processing in children with autism. American Speech-Language-Hearing Association (ASHA) annual conference, San Diego, CA. 2011.
188. Carter EJ, Williams DL, Lehman JF, **Minshew NJ**. Functional neuroimaging during social judgment in children with autism. American Speech-Language-Hearing Association (ASHA) annual conference, San Diego, CA. 2011.
189. Osorio J, Furman J, **Minshew NJ**. Pursuit, saccade and vestibulo-ocular reflex eye movements in autism. 40th Annual Meeting of the Child Neurology Society, Savannah, Georgia. 2011.
190. Scherf KS, Boron C, **Minshew NJ**, Behrmann M. Bootstrapping face processing behavior and underlying neural activation in autism using novel objects: a case study. Neuroscience (SfN) 2011, Washington, DC. 2011.
191. Schreiber DR, Mazefsky CA, **Minshew NJ**. Gastrointestinal problems and abdominal pain in particular, are associated with affective problems but not externalizing behaviors in children with high-functioning autism. International Meeting for Autism Research, Toronto, Canada. 2012.
192. Carter EJ, Williams DL, Lehman JF, **Minshew NJ**. Using visual strategies to remember verbal information: An fMRI study of working memory in children with and without autism. International Meeting for Autism Research, Toronto, Canada. 2012.
193. Carter EJ, Williams DL, Lehman JF, **Minshew NJ**. Making tough decisions: The neural correlates of categorization in children with and without autism. International Meeting for Autism Research, Toronto, Canada. 2012.
194. Whyte EM, Scherf KS, Elbich D, **Minshew NJ**, Behrmann M. Human Faces May Not be Aversive to Individuals with Autism (Poster). Society for Research in Child Development (SRCD) Biennial Meeting, Seattle, Washington. 2013.
195. Scherf KS, Elbich D, **Minshew NJ**, Behrmann M. Core and Extended Face-Processing Regions are Hypoactive in Autism and Related to Symptom Severity (Poster). Vision Sciences Society Annual Meeting, Naples, Florida. 2013.
196. Mazefsky CA, Goldstein T, Day TN, **Minshew NJ**, Siegle GJ. Neural Response During Emotion Elicitation in ASD: Importance of Depression History and Positive Emotion. International Meeting for Autism Research, Donostia/San Sebastián, Spain. 2013.
197. Bodner KE, **Minshew NJ**, Williams DL. Refining the Pittsburgh Inference Test (PIT): A New Measure of Discourse Processing in Individuals with High-Functioning Autism. International Meeting for Autism Research, Donostia/San Sebastián, Spain. 2013.
198. Grubb MA, Behrmann M, Egan R, **Minshew NJ**, Carrasco M, Heeger DJ. Endogenous Spatial Attention: Evidence for Intact Functioning in Adults with Autism. International Meeting for Autism Research, Donostia/San Sebastián, Spain. 2013.
199. Jou RJ, Frazier TW, Keshavan MS, **Minshew NJ**, Hardan AY. A Two-Year Longitudinal Pilot MRI Study of the Brainstem in Autism. International Meeting for Autism Research, Donostia/San Sebastián, Spain. 2013.
200. Bishop-Fitzpatrick L, **Minshew NJ**, Eack SM. The Relationship Between Stress and Global Functioning in Adults with Autism Spectrum Disorders (Poster). Society for Social Work and Research 18<sup>th</sup> Annual Conference, San Antonio, Texas. January 2014.

---

## PROFESSIONAL ACTIVITIES

---

### TEACHING

Course Title:       Developmental Neuroscience

Lecture Title: Neurology of Social Competence  
Year: 1984  
No. of Times: 1  
To Whom: General Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: Introduction to Child Psychiatric Assessment Treatment  
Lecture Title: The Neurologic Evaluation in Child Psychiatry  
Year: 1985  
No. of Times: 1  
To Whom: General and Child Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: Update in Ophthalmology Course, Ohio State University  
Lecture Title: Ophthalmologic Manifestations of Seizures (03/07/86 & 03/08/86)  
Year: 1986  
No. of Times: 2  
To Whom: Postgraduate Ophthalmologists  
Where: Ohio State University

Course Title: Seminar on Psychoeducational Family Therapy for Families of Severely Impaired Children and Adolescents  
Lecture Title: Special Issues in Epilepsy  
Year: 1986  
No. of Times: 2  
To Whom: General and Child Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: Clinical Neuroscience Course, University of Pittsburgh  
Lecture Title: Autism and the Neurology of Social Competence  
Year: 1986  
No. of Times: 1  
To Whom: General Psychiatry IV and V Residents  
Where: University of Pittsburgh

Course Title: Annual Meeting of PA Directors of Hospital Pharmacists  
Lecture Title: New Concepts in Treating Seizures and Epilepsy  
Year: 1987  
No. of Times: 1  
To Whom: Pharmacists  
Where: Western Psychiatric Institute & Clinic

Course Title: Medical Students II – Psychiatry Series  
Lecture Title: Review on Autism (05/09/88)  
Year: 1988, 1990-1993  
No. of Times: 5  
To Whom: General Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: American Academy of Pediatrics 1989 Spring Session  
Lecture Title: Practical Office Neurology. Half-day workshop  
Year: 1989  
No. of Times: 1  
To Whom: Pediatricians

Where: Marriott's World Center, Orlando, FL

Course Title: Biological Basis of Neuropsychiatric Disorders  
Lecture Title: The Spectrum of Autism  
Year: 1989, 1991  
No. of Times: 2  
To Whom: General Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: Clinical Research Training in Psychiatry  
Lecture Title: Neurobiology of Social Competence  
Year: 1991  
No. of Times: 3  
To Whom: General Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: Epidemiology of Child Psychiatric Disorders  
Lecture Title: Autism (02/09/96)  
Year: 1996, 1998, 2002  
No. of Times: 3  
To Whom: Epidemiology Graduate Students  
Where: University of Pittsburgh

Course Title: Mellon Fellow Lectures  
Lecture Title: NMR Spectroscopy; Review on autism; Research in Child Psychiatric Disorders; Autism  
Year: 1986, 1988, 1990-1993, 1995  
No. of Times: 7  
To Whom: NIMH Undergraduate Fellows  
Where: Western Psychiatric Institute and Clinic

Course Title: NIMH Undergraduate Research Fellowship Training Course: Contemporary Issues in Mental Health Research (NROSCI 1045)  
Lecture Title: The Pervasive Developmental Disorders  
Year: 1998-2001, 2005, 2006, 2007, 2008  
No. of Times: 8  
To Whom: NIMH Undergraduate Fellows  
Where: Western Psychiatric Institute & Clinic

Course Title: The Center for the Neural Basis of Cognition (CNBC)  
Lecture Title: Neocortical dysfunction in autism  
Year: 2001  
No. of Times: 1  
To Whom: Faculty Members and Graduate Students  
Where: Carnegie Mellon University – Mellon Institute

Course Title: Child Psychiatry Residency Education  
Lecture Title: Anticonvulsant Use  
Year: 1985  
No. of Times: 1  
To Whom: General Child Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic



Course Title: Developmental Practicum for Child Psychiatry Residents  
Lecture Title: The Development of Social Competence  
Year: 1986  
No. of Times: 1  
To Whom: General and Child Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: Resident's Noon Conference  
Lecture Title: New Developments in Autism  
Year: 1988  
No. of Times: 1  
To Whom: General and Child Psychiatry Residents  
Where: Children's Hospital of Pittsburgh

Course Title: Normal Development and Psychopathology  
Lecture Title: Neurology Evaluation in Psychiatry; Normal Child Development; Seizure Recognition and Anticonvulsant Use; Review on Autism; Autism and Autistic Spectrum Disorders  
Year: 1988-1992  
No. of Times: 7  
To Whom: General and Child Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: Resident Education  
Lecture Title: Diagnosis of Seizures  
Year: 1990  
No. of Times: 1  
To Whom: General Psychiatry Residents  
Where: Divine Providence Hospital

Course Title: Didactic Resident Teaching  
Lecture Title: Autism and Its Relation to Schizophrenia - Part 1 & 2; High Functioning Autism in Adults  
Year: 1992, 1995-1998, 2000  
No. of Times: 9  
To Whom: General and Child Psychiatry Residents  
Where: Western Psychiatric Institute & Clinic

Course Title: Clinical Neuroscience Clerkship  
Lecture Title: The Boy Who Loved Rules  
Year: 1999-2005  
No. of Times: 22  
To Whom: Third Year Medical Students (Case Conferences)  
Where: Western Psychiatric Institute & Clinic

Course Title: CNUP "Biological Bases of Neuropsychiatric Disorders"  
Lecture Title: Clinical Overview of Autism  
Year: 2005  
No. of Times: 1  
To Whom: 2nd-4th year CNUP Graduate Students and Postdocs  
Where: Western Psychiatric Institute & Clinic

Course Title: Autism Spectrum Disorder (disorder-based module), Marlene Behrmann, PhD Course Director

Lecture Title: Introduction to Cognitive Neuroscience – “The World of Autism - The Promise of Science”  
Year: 2004, 2005, 2007, 2008, 2009, 2010  
No. of Times: 6  
To Whom: Undergraduate  
Where: Carnegie Mellon University

Course Title: Adult Psychiatry Residents Autism Course, Martin Lubetsky, MD  
Lecture Title: Clinical Neuroscience/Cognitive & Neurologic Impairments in ASD  
Year: 2005, 2006, 2008, 11-12-2009, 11-11-2010  
No. of Times: 5  
Where: Western Psychiatric Institute & Clinic

Lecture Title: Underconnectivity Theory  
Year: 2007, 2008  
No. of Times: 2  
To Whom: PGY4 Child Psychiatry Fellows  
Where: Western Psychiatric Institute & Clinic

Course Title: Biological Bases of Neuropsychiatric Disorders, Michael Zigmond, PhD  
Lecture Title: Autism and Autism Spectrum Disorder  
Year: 2008, 01-20-2010, 02-14-2011  
No. of Times: 3  
To Whom: Graduate students, postdoctoral fellows, and others interested in the biological bases of neurological and psychiatric disease  
Where: 122 Victoria Building, Pittsburgh, PA

Course Title: Psychiatric Epidemiology and Alcohol Research Training Programs, Nancy Day  
Lecture Title: Recognizing Autism and New Concepts about Neurobiology  
Year: 2008  
No. of Times: 1  
To Whom: Pre and Postdoctoral fellows  
Where: Western Psychiatric Institute & Clinic, Webster Hall

Course Title: NIMH Undergraduate Research Fellowship Training Course: Contemporary Issues in Mental Health Research (NROSCI 1045)  
Lecture Title: Recognizing Autism and the New Concepts about Neurobiology  
Year: February 27, 2009  
No. of Times: 1  
To Whom: NIMH Undergraduate Fellows, Gretchen Haas, PhD  
Where: Western Psychiatric Institute & Clinic

Lecture Title: Neurobiologic Basis of Autism: Systems Underconnectivity, Dyscontrol and Brain Organization  
Year: March 26, 2009  
No. of Times: 1  
To Whom: PGY4 Child Psychiatry Fellows, Martin Lubetsky, PhD  
Where: Western Psychiatric Institute & Clinic

Lecture Title: Autism As A Disorder of Neuronal Organization  
Year: April 9, 2009  
No. of Times: 1  
To Whom: PGY5 Child Psychiatry Fellows, Martin Lubetsky, PhD

Where: Western Psychiatric Institute & Clinic

Course Title: Autism Spectrum Disorder (Disordered-based module), Marlene Behrmann, PhD

Lecture Title: Autism Defined & Recent Scientific Advances

Year: October 8, 2009

No. of Times: 1

To Whom: Undergraduate, Marlene Behrmann, PhD

Where: Carnegie Mellon University

Course Title: Epidemiology of Child psychiatric Disorders, Drs. Gale Richardson & Cynthia Larkby

Lecture Title: Neurological Constructs Applied to ASD Research

Year: February 15, 2011

No. of Times: 1

To Whom: Graduate Seminar

Where: University of Pittsburgh

Course Title: Invited Expert, WPIC Wide Journal Club

Lecture Title: Autism, Brain Anatomy and Behavior  
(Arch Gen Psychiatry. 2012;69(2):195-209)

Year: October 11, 2012

No. of Times: 1

To Whom: PGY2 General Track Resident-Xenia Borue, MD, PhD

Where: University of Pittsburgh

## GRAND ROUNDS

Title: The Clinical Spectrum of Autism; What's New in Autism; Autism: From Childhood to Adulthood; Autism - part 1 of 2; Autism - part 2 of 2

Where: Children's Hospital of Pittsburgh

Year: 1986, 1988, 1989, 1991, 1993, 1993

Title: Recognition and Treatment of Seizures in the Mentally Retarded

Where: Medical College of Pennsylvania

Year: 1987

Title: What's New in Autism

Where: Mercy Hospital

Year: 1989, 1992, 1999

Title: What's New in Autism?

Where: Fairfax Hospital, Washington, D.C.

Year: 1989

Title: Neuropsychology of Autism

Where: Pittsburgh Neurobehavioral Society

Year: 1990

Title: Autism; Autism Spectrum Disorders in 1999

Where: St. Francis Hospital

Year: 1990, 1999

Title: The Spectrum of Autism  
 Where: Western Psychiatric Institute & Clinic, Department of Psychiatry  
 Year: 1990

Title: Autism  
 Where: Greater Pennsylvania Psychological Association  
 Year: 1992

Title: Autism  
 Where: Forbes Regional Hospital - Pediatric Teaching Day  
 Year: 1992

Title: New Perspectives in Autism  
 Where: Board of Cooperative Educational Services Regional Staff Development Day, Jamestown, NY  
 Year: 1993

Title: Autism  
 Where: University Hospitals, Cleveland, OH  
 Year: 1993

Title: Autism  
 Where: Vocational Rehabilitation Center  
 Year: 1994

Title: Autism  
 Where: Children's Hospital, Dallas, TX  
 Year: 1996

Title: The Cognitive and Neural Basis of Autism  
 Where: St. Francis Health System  
 Year: 1998

Title: Neurobiologic & Cognitive Basis of Autism  
 Where: Western Psychiatric Institute & Clinic - Meet the P.I. Lecture Series  
 Year: 1999

Title: Autism: Research to Practice  
 Where: University of California Irvine. Orange, CA – Pfizer Visiting Professor  
 Year: 2002

Title: Differential Diagnosis Between Schizophrenia, Autism and PPD & Implications for Treatment  
 Where: Western Psychiatric Institute & Clinic - Pittsburgh Psychiatric Society  
 Year: 2004

Title: Remarkable Advances in Understanding the Cognitive, Brain and Genetic Basics of Autism  
 Where: Children's Hospital, Pittsburgh, PA – Pediatrics  
 Year: 2004

Title: Remarkable Advances in Understanding the Cognitive, Brain, and Genetic Basis of Autism  
 Where: Mercy Hospital of Pittsburgh, Pittsburgh, PA – Pediatrics

Year: 2005

Title: The Curious Incident of the Dog in the Night-Time: The Fascinating Story of Autism and Its Neurology

Where: Albert Einstein College of Medicine – Grand Rounds

Year: 2007

Title: Advances in Understanding the Cognitive and Brain Bases of Autism Translation to Practice

Where: Grand Rounds at Massachusetts General/Brigham & Women's Hospitals

Year: 2007

Title: Autism As A Disorder of Neural Connectivity & Information Processing

Where: Current Trends in Autism (CTIA) Conference. Dr. Margaret Bauman

Year: April 12, 2008

Title: Autism as a Disruption in Neurocognitive Connectivity

Where: American Academy of Neurology Annual Meeting, Chicago, IL.

Year: April 13, 2008

Title: Child Development Unit (CDU) Grand Rounds; “Important Clinical and Research Developments in Autism”

Where: Children's Hospital of Pittsburgh, Dr.Diego Chaves-Gnecco MD, MPH

Year: June 5, 2008

Title: The New Neurobiology of Autism

Where: Robert Wood Johnson Medical School, Dr. Lawrence I. Golbe, Neurology Grand Rounds Director, and Dr. Margery Mark, Associate Professor

Year: January 14, 2009

Title: Advances in Science and the Wisdom of Those Who Live With It

Where: Allegheny General Hospital, Pittsburgh, PA

Year: January 29, 2009

Title: How do the Brain & Mind Think & Feel in Autism?

Where: University of North Florida Campus, Wolfson Children’s Hospital, Jacksonville, FL

Year: March 11, 2009

Title: What is the Cause of Autism: The Footprint Tells

Where: University of North Florida Campus, Wolfson Children’s Hospital, Jacksonville, FL

Year: March 11, 2009

Title: The State of Autism Research: What Do We Know?

Where: Vaccine Education Center at The Children's Hospital of Philadelphia, Grantville, PA

Year: June 25, 2009

---

## SUPERVISION OF RESIDENTS AND MELLON FELLOWS

---

### RESIDENTS

Dr. Minshew provided consultation to the 9th floor inpatient unit (Schizophrenia Inpatient Module) with respect to differential diagnosis of autism and schizophrenia while Dr. Keshavan was attending.

In the late 90s, Dr. Minshew provided supervision on a regular basis to two psychiatric residents following adults with social disabilities. In addition, she provided supervision and direction for two psychiatry residents involved in research projects, one of whom (John Holttum) won the Pittsburgh Neuroscience Award for this project.

### **COURSE OFFERED FOR RESIDENTS**

Neurology Series for John Merck Program Residents (every 4 months), 1984-1987. This course met every Tuesday and ran in 4 month cycles throughout the year. The first 5-6 meetings were didactic lectures and the remaining Tuesdays were spent in case presentations and addressing neurologic questions that had arisen during patient management. The residents were expected to learn how to perform a neurologic evaluation, to formulate pertinent diagnostic questions, to use EEG, CT scans, NMR scans, and evoked potentials appropriately, to recognize seizures, and to use anticonvulsants properly. The lectures included: Neurologic History: Role in Diagnosis; Seizure Identification and Work-up; Seizure Treatment: Anticonvulsant and Drug Interactions; Neurologic Exam: Normal and Abnormal; Localization of Signs; and Appropriate Use of CT Scans, NMR Scans, and EEGs.

### **MELLON FELLOWS**

Dr. Minshew has functioned as preceptor for four Mellon Fellows (Judith Moore, 1986; Teresa Terezis, 1987; Elizabeth McMahon, 1990; and Virginia Fitzhugh, 1993) for summer research. Research projects were designed for each fellow to provide an education about research methodology and direct involvement in research. These projects have included:

- a. Membrane abnormalities in neuropsychiatric disorders and the use of fluorescence and NMR spectroscopy in studies of cellular molecular properties.
- b. Fluorescence studies in childhood depression and MRI in autism.
- c. Development and administration of neuropsychological instruments for characterizing the deficits in autism.
- d. Adaptation for autism of a scoring system for social cognition test.

### **MENTORING ACTIVITIES**

Dr. Minshew provided mentoring for two junior faculty members, Antonio Hardan, MD since 1996 and Cynthia R. Johnson, PhD since 1998. Both of these individuals are developing research careers in autism research. Dr. Hardan is an Assistant Professor of Psychiatry, who is pursuing various MRI projects in autism. Dr. Johnson is also an Assistant Professor of Psychiatry, who is investigating cognitive interventions and the biologic basis of treatment response in autism. Dr. Minshew also provides mentoring support for Diane Williams, PhD on her K Award. Dr. Williams is a speech pathologist and was a post-doc with her. Jessica Marcus Meyer was here for a one-year pre-doctoral fellowship and Dr. Minshew was her research mentor. The others are Emily Kushner and Laura Silverman.

Current mentoring: Dr. Minshew is providing mentoring for: Dr. Carla Mazefsky who was recently hired by Dr. Minshew and received her K-award on September 1, 2010 on emotion and its

regulation in autism; Dr. Shaun Eack with whom she has obtained an R21 and Autism Speaks treatment grant for CET for adults with autism and also provided funding under the nonformulary tobacco grant to Dr. Minshew to begin his intervention for adults with autism; Dr. Suzy Scherf who was funded under Dr. Minshew's state nonformulary state tobacco grant on ASD to begin a novel intervention to promote integration of information and promotion of connectivity in adolescents with ASD; Dr. Kate McFadden who was funded under the same mechanism to investigate candidate genes and gene expression; Dr. Diane Williams, for whom she developed funding and support for her to assume leadership of a center grant project after PI left and plans for DoD grant which will become an RO1, Dr. Rajesh Kana to conduct a fMRI and fcMRI study of an imagery-language comprehension intervention for ASD at UAB with Lindamood Bell; and hiring of Dr. Holly Gatsgeb to complete her post-doctoral practicum in autism research.

Dr. Minshew is part of the Scholarly Project for mentoring medical students during research studies, which started in 2006.

Summer Research mentor to **Christopher Keary**, University of Pittsburgh, who received a Mirsky Prize for top two clinical studies conducted summer 2008 and the Scholarly Project Award, Volumetric Analysis of the Corpus Callosum in Patients with Autism. Honors: 2008 Arnold P Gold National Humanism Society.

Co-Mentor to **Hilary Oman**, University of Pittsburgh, Scholarly Project Proposal, "Tbx1 Expression in the Developing Mouse Brain."

Co-Mentor to **Naomi Pitskel**, University of Pittsburgh, Scholarly Project Proposal, "Neural Substrates of Atypical Gaze Fixation in Autism." 2010 Third Year, Certificate in Clinical Research Student.

Co-Mentor to **Matthew Hirsch**, Massachusetts Institute of Technology, who received a University of Pittsburgh Doris Duke Clinical Research Fellowship in 2012.

#### Other Research Fellowship Mentoring:

**Co-Mentor to Holly Gastgeb**, University of Pittsburgh, who received a NAAR fellowship for "Categorization and the Abstraction of Concepts in Individuals with Autism" for predoctoral fellowship.

**Co-Mentor to Kirsten O'Hearn, PhD**, University of Pittsburgh, who received a NAAR-Autism Speaks Research Award for a postdoctoral fellow.

**Co-Mentor to Keiran Rump**, University of Pittsburgh, who received a NAAR-Autism Speaks Research Award for a pre-doctoral fellow for "The Recognition of Emotional Expression by Children and Adults with Autism."

**Co-Mentor to Kate Humphreys, PhD**, Carnegie Mellon University, who received a NAAR-Autism Speaks Research Award for a postdoctoral fellow for "Concept Abstraction and Face Recognition in Individuals with Autism."

**Co-Mentor to Cibu P. Thomas**, Carnegie Mellon University, who received a NAAR-Autism Speaks Research Award for a pre-doctoral fellow for "Integration of Information and Functional Brain Connectivity in Autism."

**Co-Mentor to K. Suzanne Scherf, PhD**, University of Pittsburgh, who received a NAAR-Autism Speaks Research Award for a postdoctoral fellow for "The Emergence of Object Processing Deficits in Autism: A Brain Based Investigation."

**Co-Mentor to Rajesh Kumar Kana, PhD**, Carnegie Mellon University, who received a CAN Young Investigator Award for Neural Bases of Visuo-spatial Processing in High-Functioning Autism.”

### **Undergraduate Co-Mentor**

**2008 Akiko Mizuno**, Pre-Doctoral Fellowship, “Linguistic Perspective-Taking in Adults with High-Functioning Autism: Investigation of the Mirror Neuron System”, Grant Amount: \$56,000, Duration of Grant: October 1, 2008 – September 30, 2010. Funding Source – Autism Speaks.

### **MEMBER OF THESIS OR DISSERTATION COMMITTEE**

Dr. Minshew was a member of the thesis committee for Erynn Gordon who received a Master’s of Science from the Graduate School of Public Health. Her thesis was entitled “The Serotonin Connection: A family history study of the possible association between autism and migraine headaches.”

Dr. Minshew was also a member of the dissertation/oral committee of a PhD student, Mary Hart, a student in the PhD program at the Center for Innovation in Learning at Carnegie Mellon University. Her PhD dissertation was centered on her interest in the way people with cognitive differences learn. Her specific work investigates autistic and neurotypical individuals' abilities and performance in some of the component subskills of computer programming. In particular, she focused on planning, sequencing, and some metacognitive abilities as well as more traditional computer-oriented skills.

Dr. Minshew was a member of the thesis committee in 2008 for Sana M.N. Abu-Dahab, for the Graduate Faculty of School of Health and Rehabilitation Sciences in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Rehabilitation Sciences, for her thesis “Sensorimotor and Executive Functioning Differences between Individuals with High-Functioning Autism and Typically-Developing Individuals”. Dr. Abu-Dahab returned to Jordan to assume leadership of the occupational therapy program and leadership for autism services at her university.

Dr. Minshew was a member of the dissertation committee for Mark Freeman, a physician assistant who spent two years completing the NIH physical exam forms for the center grant. He was developing his project until he became ill and withdrew from an advanced degree.



## SEMINARS AND INVITED LECTURESHIPS RELATED TO RESEARCH

- Vulnerability of developing brain as assessed by NMR spectroscopy of imaging: principles of NMR spectroscopy. 19th Winter Conference on Brain Research 1986. Pettegrew JW, **Minshew NJ**, Glonek T, Bass N.
- Magnetic resonance spectroscopy with surface coils: neurochemistry moves from test-tube to working brain. 20th Winter Conference on Brain Research 1987. Deuel RK, Ackerman J, Pettegrew JW, **Minshew NJ**.
- Recent research developments in autism: diagnostic and pathophysiologic controversies. 21st Winter Conference on Brain Research 1988. **Minshew NJ**, Ferry PC, Bauman M, Courchesne E.
- CNS localization in autism. NIMH Symposium, 1988. Bachevalier JH, Bauman ML, Cohen D, Courchesne E, Denckla M, Dragastin SE, Goldman-Rakic PS, Maurer RG, **Minshew NJ**, Ornitz E, Regier DA, and Shaw JA.
- Consensus panel for the development of a position paper on the etiology of autism. February 1989 - December 1990. Chairman, L. Stanley James, MD Members: Margaret L. Bauman, MD, Eric Courchesne, PhD, Martha B. Denckla, MD, Susan Folstein, MD, **Nancy J. Minshew, MD**, Karin B. Nelson, MD, and Judith M. Rumsey, PhD
- The neurobiology of autism. Platform presentation. American Academy of Pediatrics 1989 Spring Session. March 1989.
- Visiting Professor. The University of Puerto Rico, College of Health Related Professions, Department of Communication Disorders. Topic: Research issues in autism. April 13-15, 1989.
- Neocortical deficits in autism. State University of New York at Stony Brook, Health Sciences Center. Topic: Autism: neurobiologic issues and clinical perspectives. November 1991.
- Autism: clues to the neurobiology. State University of New York, Health Science Center at Syracuse, Neuroscience Seminar Series. December 1992.
- Diagnosis and clinical spectrum of autism. Pennsylvania Association of Resources for People with Mental Retardation, Hershey, PA. March 1993.
- Autism. Speaking engagement with Paula Teacher and Associates coordinated through the UPMC Speakers Bureau. Export, PA. May 1993.
- A <sup>31</sup>P magnetic resonance imaging study of autism: evidence of undersynthesis and enhanced degradation of brain membranes. 3rd Consensus Conference on Biological Basis and Clinical Perspectives in Autism, Troina, Italy. October 1993.
- New neurobiological directions in autism. Invited symposium at annual meeting of the Child Neurology Society., **Nancy J. Minshew**, organizer. Speakers: Paula Tallal, Sally Ozonoff, Karina Meiri, and Nancy Minshew. Orlando, FL. October 1993
- The neurobiology of autism and current treatments. Invited symposium at the 20th Anniversary for the National Tuberous Sclerosis Association, Arlington, VA. October 1994.
- The core clinical & cognitive deficits in autism: implications for treatment and intervention programs. Autism State Conference, Cincinnati, OH. October 1994.
- Pathophysiology of autism spectrum disorders - brain mechanisms. Invited discussant for the NIH State-Of-The-Science Conference, Bethesda, MD. April 1995.

- Brain mechanisms in autism. Invited presentation at the National Autism Society Conference, Greensboro, NC. July 1995.
- Neurobiology of high-functioning autism. Invited special topics presentation at the National Academy of Neuropsychology, San Francisco, CA. November 1995.
- Neuropsychologic functioning in autism. Invited presentation at the Mapping the Future Conference, Indianapolis, IN. September 1995.
- Neuropsychologic functioning in autism and its implications, and neurophysiology and brain function in autism. Invited presentations at the Trends in Autism Conference, Wakefield, Massachusetts. November 1995.
- Neuropsychologic functioning in autism: implications for behavior, function, and education. Invited presentation for the Autism Society of Northwest Ohio conference, Toledo, OH. January 1996.
- Autism and PDD: the clinical syndrome. Invited presentation at the 1996 Summer Institute on Autism Conference, Pittsburgh, PA. June 1996.
- Neuropsychological functioning in autism: Evidence for a generalized complex information processing deficit. Invited presentation at the International Conference of Psychology conference, Montreal, Canada. August 1996.
- Neurobiologic considerations for early intervention programs for autism. Invited presentation at the American Academy of child and Adolescent Psychiatry Conference, Philadelphia, PA. October 1996.
- The developmental etiology of schizophrenia hypothesis: What is the evidence? Invited presentation at the National Institutes of Mental Health sponsored workshop, Rockville, MD. July 1997.
- Symposium: An overview of NIH research in autism; Evidence for dysfunction of the neocortical systems in autism. Invited symposium for the American Psychological Association Annual Convention. Marie Bristol, Chair. Speakers: **Nancy Minshew**, Geraldine Dawson, Catherine Lord, Sally Ozonoff, Sally Rogers, Marian Sigman, Helen Tager-Flusberg. Chicago, IL. August 1997
- Tools for Pediatric Neuroimaging Workshop. National Institute of Mental Health, National Institute of Neurological Disorders and Stroke, National Institute of Child Health and Human Development. Vienna, VA. September 1997.
- Implications of memory, language, executive function & attention findings for intervention. The Autism Society of Ohio annual meeting, Toledo, OH. October 1997.
- Implications of recent neurobiologic research findings for assessment & intervention. Presentation for the Autism Intervention Movement: Science In Autism Treatment Engineering Solutions - Improving Lives Conference, Pittsburgh, PA. March 1998.
- Symposium: Autism as a disorder of complex and late information processing. Featured speaker for the Mental Retardation Research Seminar, an NIH-funded MRRC seminar series, Philadelphia, PA. April 1998.
- New Frontiers in Autism. The Autism National Committee, The Autism Support and Advocacy in Pennsylvania, and The Autism Society of Greater Philadelphia, meeting, Philadelphia, PA. April 1998.
- Symposium: The neurological aspects of autism. The Neurological Basis of Developmental Disabilities IV annual symposium, Brooklyn, NY. May 1998.

- Implications of memory, language, executive function & attention findings for intervention. The Autism Society of Ohio annual meeting, Cincinnati, OH. May 1998.
- Neuropsychological approaches to autism. The Scientific Approaches to Identifying and Understanding Autism conference, Chapel Hill, NC. May 1998.
- Diagnosis, differential diagnosis & natural history in PDD. 1998 Statewide Early Intervention Conference. Hershey, PA. June 1998.
- Collaborative Programs of Excellence in Autism (CPEAs). First Annual Meeting of the International Network on the Neurobiology and Genetics of Autism, Washington, DC. June 1998.
- Interagency Coordinating Committee on Fetal Alcohol Syndrome. Intervening with Children Affected by Prenatal Alcohol Exposure. Washington, DC. September 1998.
- Building Animal Models for Autism Through Translational Neuroscience Research. Workshop sponsored by the NIH Autism Coordinating Committee. Santa Monica, CA. October 1998.
- Progress in science: The cognitive, neural & genetic basis of autism. The Autism National Committee Conference. Valley Forge, PA. October 1998.
- Neurological aspects of autism. The Autism Society of Michigan Annual Conference. Ann Arbor, MI. October 1998.
- Speech and language in autism. Academic intervention for children with autism. 1998 Education conference sponsored by the PA State Education Association. Hershey, PA. October 1998.
- Symposium: The Geneva Center international symposium on autism 1998. Research Panel: Brain Development in autism: Neurobiological update '98. Toronto, Canada. November 1998.
- The amygdala and hippocampus in autism: Current imaging and cognitive data. Current Trends in Autism Conference. Danvers, MA. November 1998.
- Understanding neurologic issues and the cognitive basis of behavior in autism. Region 10 Education Service Center Conference. Richardson, TX. November 1998.
- Neuropsychological approaches to autism. Alabama Autism Conference. Birmingham, AL. December 1998.
- Update on research for higher-functioning. Autism Society of Ohio Conference. Cleveland, OH. April 1999.
- Neurologic Basis of Developmental Disabilities IV. Autism, Pervasive Developmental Disorders: The State of the Art. Brooklyn, NY. May 1999.
- Autism, Asperger's, and Autism Spectrum Disorders: Recognition, Assessment and Intervention Strategies. Penn State University - School Psychology Conference. University Park, PA. October 1999.
- Asperger's Disorder: Diagnosis, Assessment, and Research Update. Pennsylvania Autism Institute – Progress Through Partnership: A National Conference on Autism. University Park, PA. August 1999.
- Autism, Asperger's, and Autism Spectrum Disorders: Recognition, Assessment and Intervention Strategies. Penn State University - School Psychology Conference. University Park, PA. October 1999.

- Symposium: Recent & Relevant Findings in Autism Research. The Mount Sinai Medical Center Post-Graduate School, New Insights in the Diagnosis, Neurobiology, Genetics and Treatment of Autism. New York, NY, October 1999.
- Treatments for People with Autism and other Pervasive Developmental Disorders: Research Perspectives. A Research Workshop by National Institutes of Health Autism Coordinating Committee and the Department of Education, Office of Special Education. Rockville, MD. November 1999.
- Autism as a disorder of complex information processing & underdevelopment of neocortical system. 3<sup>rd</sup> Annual conference of the Interdisciplinary Council on Developmental and Learning Disorders. Washington, DC. November 1999.
- Autism. Everyday Lives OMR Statewide Convention 2000. OMR Statewide Training and Technical Assistance Initiative. Hershey, PA. February 2000.
- Training Workshops on Assessment, Intervention, and Neurobiology of Autism and Related Conditions. Overview of neuropsychological and neurobiological issues and implications for intervention. University of Modena, Modena, Italy. March 2000.
- Research Progress in autism. Autism, Asperger's, and autism spectrum disorders: Recognition, assessment and intervention strategies. University of Bologna, Bologna, Italy. March 2000.
- Autism as a disorder of complex information processing & underdevelopment of neocortical systems. Minnesota Autism Conference. Minneapolis, MN. March 31, 2000.
- Cognitive and Neurologic Basis of Behavior in Autism. Autism 2000 Conference. Wilkes-Barre, PA. April 2000.
- Autism Overview. Gut Brain Workshop. Hancock, MA. July 28-30, 2000.
- Asperger's Disorder: Overall diagnosis, Assessment, and Research Update. Progress Through Partnership: A National Conference on Autism. The Pennsylvania Autism Institute. Penn State University, University Park, PA. August 2000.
- The cognitive basis of behavior in autism and autism spectrum disorders. A Dual Diagnosis Forum. Office of Mental Health and Substance Abuse Services and Office of Mental Retardation. New Cumberland, PA. September 2000.
- Collaborative Programs of Excellence in Autism (CPEA). NICHD/NIDCD Annual Meeting. Denver, CO. September 2000.
- Brainstorming Session on the Role of the Environment in Autism. National Institute of Environmental Health Sciences. Bethesda, MD. October 2000.
- The future of autism research 2000: Where the research is leading us. The Geneva Centre 2000 International Symposium on Autism. Toronto, ON, Canada. November 2000.
- Autistic phenotypes in mice workshop. The Jackson Laboratory. Bar Harbor, ME. December 2000.
- Microbiology, immunology and toxicology of autism and other neurodevelopmental disorders. Banbury Center, Cold Spring Harbor, NY. February 2001.
- Autism as a complex information processing disorder: Implications for behavioral treatments. Lindamood-Bell International Conference. Anaheim, CA. March 2001.
- Collaborative Programs of Excellence in Autism (CPEA) Annual Meeting. Yale University, New Haven CT. May 2001.

- Current autism research and its implications for effective practices and interventions. Allegheny Intermediate Unit for the Autism Support Network. Pittsburgh, PA. November 2001.
- Current research in autism and it's meaning to parents and Professionals. Autism Society of America Conference. Pittsburgh, PA. October 2002.
- The Autism Spectrum Disorders. Pennsylvania's Child and Adolescent Service System Program's (CASSP) Autism Spectrum Disorders: A Comprehensive Overview for Mental Health Clinicians Conference. Harrisburg, PA. March 2002.
- Parents of Autistic Children Conference. Lakewood, NJ. April 2002.
- Workshop: Hunt for the Cure of Autism. John Merck Program 25<sup>th</sup> Year Anniversary Educational Conference. Pittsburgh, PA. May 2002.
- Autism: Research Update. Wesley Highlands School for Autism Support Network. Pittsburgh, PA. May 2002.
- Autism: Research to Practice. Pfizer National Visiting Professor Award Conference. Santa Ana, CA. May 2002.
- Research Symposium: Issues in Autism. The National Autism Conference and Pennsylvania Autism Institute's Progress through Partnership Conference. Penn State, PA. July and August 2002.
- Psychosocial and Behavioral Intervention in Autism: Confronting the Methodological Challenges. National Institute of Mental Health Research. Rockville, MD. September 2002.
- Hunt for the Cure – The Latest Installment. The Advisory Board on Autism and Related Disorder (ABOARD)'s Knowledge is Power: Handling the Hurdles of Autism – Without Falling on Your Face Conference. Wexford, PA. September 2002.
- Cognitive & Neurobiologic Research in Autism. Psych Epi Seminar, Pittsburgh, PA. Year 2002.
- Verbal Adolescents and Adults with Autism: Recognition and Treatment. The Office of Educational and Regional Planning's Special Issues in Autism Conference. Mars, PA. October 2002.
- The Autistic Brain: Accommodating differences in cognitive processing. The Geneva Centre 2002 International Symposium on Autism. Toronto, ON, Canada. October 2002.
- New Research Findings: Understanding How Autistic People Think. The Foundation for Educating Children with Autism's (FECA) Stepping into the Future Conference. White Plains, NY. November 2002.
- New Research Findings: Understanding How Autistic People Think. Lindamood-Bell International Conference. Anaheim, CA. March 2003.
- New Research Findings: Understanding How Autistic People Think. The Social Brain, Goteborg, Sweden. March 25-27 2003.
- New Research Findings: Understanding How Autistic People Think. Fairfax County Public School, Fairfax, VA. April 4, 2003.
- New Research Findings: Understanding How Autistic People Think. Minnesota Autism Conference 2003, Autism Society of Minnesota, Twin Cities, MN. April 25, 2003.
- Collaborative Programs of Excellence in Autism (CPEA). "University of Pittsburgh-Carnegie Mellon-University of Illinois Chicago Collaborative Program of Excellence in Autism Research", NICHD/NIDCD Annual Meeting. Marina Del Rey, CA. May 2003.

- New Research Findings: Understanding How Autistic People Think. Pittsburgh Public Schools, Duquesne University, PA June 23, 2003.
- Canadian Symposium of Neurocognition in Autism. Montreal, Canada. June 30 to July 2, 2003.
- "University of Pittsburgh-Carnegie Mellon-University of Illinois Chicago Collaborative Program of Excellence in Autism Research: How the brain thinks and processes information in autism" 2003 ASA National Conference on Autism "Bridges To The Future!", Pittsburgh, Pennsylvania. July 16 - 20, 2003.
- Carnegie Mellon University "Summer Program", Pittsburgh, Pennsylvania. July 23, 2003.
- Penn State University "Research Symposium #1: New Developments in Research and What They Mean to You". August 4, 2003.
- Carmen B. Pingree School "New Research Findings: How Individuals with Autism Think". Salt Lake City, Utah. February 7, 2004.
- University of California, Davis IMFAR, "A further characterization of complex cognitive abilities in high functioning autism". Davis California. May 7, 2004 to May 8, 2004.
- National Institutes of Health, Bethesda, Maryland Interagency Autism Coordinating Committee Meeting (IACC), "Disordered complex information processing in autism arising from functional underconnectivity and abnormal specialization of neural systems", Presenters: Nancy Minshew, MD; Marcel Just, PhD; John Sweeney, PhD; University of Pittsburgh CPEA Center. May 11, 2004.
- Collaborative Programs of Excellence in Autism (CPEA). "University of Pittsburgh-Carnegie Mellon-University of Illinois Chicago Collaborative Program of Excellence in Autism Research", NICHD/NIDCD Annual Meeting. Washington, DC. May 2004.
- West Shore School District and Harrisburg ASA, Continuing Education Credits, "Results of fMRI and Neuropsychologic Studies: An Emerging Integrated Model of Autism" and "How Individuals with Autism Think and How the Brain Functions", Harrisburg, PA. June 8, 2004.
- Summit Educational Resources, Community Workshop, "Cognitive and Brain Basis of Autism and Abnormalities that are Commonly Present", Buffalo, NY. June 13, 2004.
- Penn State University Progress Through Partnership, National Autism Conference, "New Developments in Research and What They Mean to You". State College, PA. August 2, 2004.
- BIRC seminar "Understanding the Cognitive and Neural Basis of Autism Beginning with the Behavioral Syndrome", Pittsburgh, PA. August 4, 2004.
- The Rudolf Magnus Institute of Neuroscience, The Summer School for PhD "The Cognitive and Neural Basis of Autism: A Story of Functional Underconnectivity and Inability to Integrate Information", Utrecht, the Netherlands, September 16, 2004.
- Nancy Lurie Marks Family Foundation, Boston Club, "Research and Progress", Boston, MA. October 3-4, 2004.
- Brandeis University, "Current Research in Autism", Waltham, MA. October 5, 2004.
- Brandeis University, "Personal Perspective of Working with Autistic Children", Waltham, MA. October 5, 2004.
- Achieva of Greater Pittsburgh, "How the Brain Works and How People with Autism Think", Greentree, PA. October 11, 2004.

- The Gray Center for Social Learning, "Autism" from Science to Practice", Grand Rapids, MI. October 19, 2004.
- SINPIA (Italian Society for Child and Adolescents Psychiatry) Congress, "Round Table: new knowledge in the care of Autism and Pervasive Disorders of Development", Modena, Italy November 9, 2004.
- SINPIA (Italian Society for Child and Adolescents Psychiatry) Congress, "New Frontiers in the Neurobiology of Autism ", Modena, Italy November 10, 2004.
- Florence WPA Congress, "Current Approaches to Autism ", Florence, Italy, November 11, 2004.
- National Alliance for Autism Research (NAAR), Autism Tissue Program "Explanation of Autism Tissue Program and importance of Autism Research ", Pittsburgh, PA. February 15, 2005.
- University of Texas at Houston Department of Psychiatry, "Remarkable Advances in Understanding the Cognitive, Brain and Genetic Basics of Autism", Houston, TX. February 23, 2005.
- Casa Colina Centers for Rehabilitation, "Information processing, connectivity and intervention in autism", Pomona, CA, March 5, 2005.
- Pennsylvania Speech-Language Pathology Association (PSHA), "Remarkable Advances in Understanding the Cognitive, Brain and Genetic Basis of Autism", Pittsburgh, PA. March 31, 2005.
- Perceptual Expertise Network (PEN), Introduction for Marlene Behrmann, PhD "Perceptual organization in adults with autism" and Marcel Just, PhD "Relating cortical connectivity to activation and cognition in autism", Pittsburgh, PA. April 1, 2005.
- Elija Group, "New Developments in Research and what they mean to you", Plainview, NY. April 11, 2005.
- DuBois Regional Medical Center, "Autism and Asperger's: Differential Diagnosis & Psychotherapeutic Interventions", DuBois, PA. April 14, 2005.
- Penn Stater Conference Center Hotel, "Remarkable Advances in Understanding the Cognitive, Brain and Genetic Basics of Autism", State College, PA. May 3, 2005.
- Boston University, IMFAR, "Neuropsychologic Functioning in Children with Autism", Boston, MA. May 6, 2005 to May 7, 2005.
- American Psychiatric Association, "Developing Targeted Interventions for Autistic Spectrum Disorders Sponsor: Collaborative Session With the National Institute of Mental Health" workshop, Atlanta, GA. May 26, 2005.
- Eden Institute Foundation Princeton Lecture Series, "Alterations in Brain Connectivity and Integration of Information in Autism: A New Perspective on Autism", Princeton University. June 3, 2005.
- Pennsylvania Bar "Autistic Spectrum Disorders and Education", Mellon Convention Center, PA. June 9, 2005.
- Lurie Foundation: Community Response to Autism: Public Policy and Public Policy Challenges, "State Funding for Regional Centers", June 25, 2005.
- Third Annual GRAAIN Conference ASD: Brain Research and Education "What We Know About the Brain and ASD" and Brain Research: Functional Behavior Assessments", North Dakota, August 1, 2005.

- Autism Treatment Network Conference, Chicago, IL. September 12, 2005.
- Child Neurology Society (CNS) Conference, “Presidential Symposium – Autism”, Los Angeles, CA, September 29, 2005.
- Merck 30th Anniversary Educational Conference (Center for Autism and Developmental Disorders), “Underconnectivity Theory”, Wexford, PA. November 4, 2005.
- Collaborative Programs of Excellence in Autism (CPEA). NICHD Annual Meeting. Bethesda, MD. November 7, 2005.
- Center for Autism and Related Disabilities, “What’s New on the Frontier?” Tampa, FL. January 21, 2006
- Center for Autism and Related Disabilities, “Autism: From Science to Practice”, Tampa, FL. January 21, 2006.
- University of Pennsylvania and Children’s Hospital of Philadelphia Retreat: Research Perspectives in Autism, “Evidence for Disturbances in Information Processing in Autism”, Philadelphia, PA. March 15, 2006.
- University of Pennsylvania and Children’s Hospital of Philadelphia Retreat: Research Perspectives in Autism, “How People with Autism Think: The Concept of Information Processing”, Philadelphia, PA. March 17, 2006.
- Collaborative Programs of Excellence in Autism (CPEA). NICHD Annual Meeting. “Cognitive Studies in School Age and Adult Individuals.” Bethesda, MD. November 9, 2006.
- 10th Anniversary International Conference Autism and Disorders of Relating and Communicating, “The Future of Biomedical Interventions”. Washington, DC. November 11, 2006.
- 7th National Autism Congress, “A Neurologist’s View”, Rotterdam, The Netherlands, March 16<sup>th</sup>, 2007.
- Disability Resources and Services, "Autistic Spectrum Disorders in Higher Education: Current Insights and Understanding – Part I", University of Pittsburgh, Pittsburgh, PA April 9, 2007.
- Family Behavioral Resources, "How the brain thinks and perceives the world: A review of the latest advances in autism research", Holiday Inn, Pittsburgh, PA. April 19, 2007.
- 2007 Children's Interagency Training Conference Program Information How Does Your Garden Grow? Cultivating Cross-Systems, Family-Driven, and Youth-Guided Partnerships. "Autism: A Research Update". Penn State University, State College, PA. April 26, 2007.
- Central DuPage Hospital, "How The Brain in Autism Defines Perception, Thinking & Their World: A Different Sense of Reality". Central DuPage Hospital, Chicago, IL. May 17, 2007.
- Rubloff Auditorium, "How The Brain in Autism Defines Perception, Thinking & Their World: A Different Sense of Reality". Erikson Institute, Chicago, IL. May 18, 2007.
- Disability Resources and Services, "Autistic Spectrum Disorders in Higher Education: Current Insights and Understanding – Part II", University of Pittsburgh, Pittsburgh, PA. May 31, 2007.
- Seven Annual Autism Conference, “How the Brain in Autism Thinks and Perceives the World: A Different View”, Kent State University, Kent, OH. June 29, 2007.
- Seven Annual Autism Conference, “Understanding the Diagnosis of ASD and Applying Concepts About Information Processing to Intervention & Learning” Kent State University, Kent, OH. June 29, 2007.



- The 10th annual National Autism Conference: Progress Through Partnership, “ASD: A Different Way of Thinking and Feeling Leads to A Different Perception & View of the World and A Different Reality. Understanding this and embracing this to improve intervention and quality of life”. Penn State, PA. July 30, 2007.
- 2007 Summer Institute on Neurodevelopmental Disorders, "The Cognitive Basis of Behavior in ASD: Implications for Memory, Learning and Behavioral Intervention", MIND Institute, UC Davis Medical Center, Sacramento, CA. August 2, 2007.
- 2007 Summer Institute on Neurodevelopmental Disorders, "The New Neurobiology of Autism: Cortex, Connectivity & Neuronal Organization", MIND Institute, UC Davis Medical Center, Sacramento, CA. August 2, 2007.
- 13th International Congress Bridging the Gap, "Discovering the mind and the brain in ASD", Florence, Italy, August 25, 2007.
- 13th International Congress Bridging the Gap, "New Advances Autism", Florence, Italy, August 28, 2007.
- Three Rivers Youth Group, “Fall 2007 Autism ‘Asperger’s Conference - Things You Need to Know From A to Z”, Pittsburgh, PA, September 19, 2007.
- Research! Louisville Keynote Address: “Autism: Where We’ve Been, Where We Are, and Where We are Going”, Louisville, KY, October 19, 2007.
- Washington County Health Partners/Teen Wellness Task Force, Autism/Mental Health Issues Panel, The Washington Hospital - Community Room, Washington, PA , February 5, 2008.
- Lindamood-Bell Learning Processes 16th Annual International Conference, "Visual Processing From Perception to Cognition in Autism: Implications for Intervention & Function", Anaheim, CA, March 14, 2008.
- Maternal Child Health Symposium, "The Who, What, Why, and When of Autism Spectrum Disorders" Lakemont, PA, March 26, 2008.
- Cafe Scientifique, Autism: A Compelling Neuroscience Window on Brain Circuitry & Human Function, Pittsburgh, PA, April 7, 2008.
- 4th Annual Glenwood Endowed Lecture, “Identifying the Cognitive & Neurologic Basis of Autism: Single or Multiple Primary Deficits? Few or Many?”, University of Alabama, Birmingham, AL, April 23, 2008.
- Hope Learning Center, “Understanding Thinking in Autism: The Key to Success in Communication & Intervention”, Regional Learning Alliance in Cranberry Township, PA, May 28, 2008.
- Local Lecture Forum, Hosted by Roy Frye, MD, “New Findings, New Hope”, First Unitarian Church in Shadyside, PA, June 1, 2008.
- Children’s Hospital of Pittsburgh, Medical Genetics, "Current Scientists’ Perspectives of Autism”, Oakland, PA, June 3, 2008.
- Mass General Hospital for Children, MGH Autism Seminar, “Autism As A Widespread Disorder of Neural Connectivity & Information Processing”, Boston, Massachusetts, June 10th 2008.
- Minot State University, web cast for parents “How the Brain in Autism Defines Perception, Thinking & Their World: A Different Sense of Reality”, June 12, 2008 and continuation on June 27, 2008.
- Minot State University, web cast for professionals “A Neurologist's View”, June 28, 2008.

- Re-matriculation Luncheon, introduce students to medical school course work, prepare students for the academic demands of medical school, University of Pittsburgh, PA, July 15, 2008,
- The 12th annual National Autism Conference: Progress Through Partnership, "Medical complications of autism and our Autism Treatment Network", State College, PA. August 4, 2008.
- Orange County Department of Education, "The Neurobiology of Autism: How Individuals with ASD Thank and See the World", Santa Ana, CA, September 25, 2008.
- Orange County Department of Education, "The Neurologic Basis of Behavior in ASD: Implications for Learning & Intervention", Santa Ana, CA, September 26, 2008.
- Carnegie Mellon University, "Understanding Autism: New Discoveries", "Autism: What We Know", Pittsburgh, PA October 1, 2008.
- Autism Community Trainings (ACT), "Social Interactions, Sensory & Information Processing, and Genetic Discoveries in ASD - What is research telling us", Vancouver, Canada, October 3, 2008.
- 35th Annual Carnegie Mellon, "Development and Brain Systems in Autism", "Organizing Principles for Future Research in Autism: Where Do We Go From Here? Pittsburgh, PA, October 17, 2008.
- UCLA Center for Autism Research and Treatment "Autism: From Men and Mice With Wise Comments From Mars" Los Angeles, CA, February 6, 2009.
- University of Pittsburgh, Greensburg campus "Autism: What We Know", Greensburg, PA, February 26, 2009.
- Wolfson Children's Hospital Autism Symposium "What is known about the cause of autism and how does this knowledge empower the development of treatments" Aka "Autism: From Men & Mice" University of North Florida Campus, Jacksonville, FL, March 10, 2009.
- Wolfson Children's Hospital Autism Symposium "How do the brain & mind think & feel in autism?" University of North Florida Campus, Jacksonville, FL, March 11, 2009.
- Wolfson Children's Hospital Autism Symposium "What is the cause of autism: The footprint tells" University of North Florida Campus, Jacksonville, FL, March 11, 2009.
- International Meeting for Autism Research (IMFAR), "The Continuing Story of Connections in Autism: Truly A Distributed Neural Network Disorder" Chicago, IL, May 9, 2009, Lecture time one hour, 800+ researchers attended, three hours prep time.
- Autism Society of America (ASA), Manhattan Chapter "Autism: What we know; Important Research Developments in ASD", Julia Richman Education Complex, New York, April 7, 2009, Lecture time two hours, 40 parents and professionals attended, three hours prep time.
- American Psychiatric Association (APA) Special Course Advances in Neuropsychiatry, "Neuropsychiatry Advances in Autism", San Francisco, CA, May 17, 2009. Lecture time two hours, 70 professionals attended, three hours prep time.
- Third international conference "Communication; the key to success", "How Does the Mind & Brain Think in Autism" Ormskirk, Lancashire UK, May 22, 2009. Lecture time 90 minutes, 400 professional attended, four hours prep time.
- Third international conference "Communication; the key to success", "Autism: What we know; Important Research Developments" Ormskirk, Lancashire UK, May 22, 2009. Lecture time three hours, 400 parents and professionals attended, four hours prep time

- Bowling Green State University, One Day Summit on Autism, “Understanding The Mind & Brain in Autism”, June 6, 2009. Lecture time one hour and 15 minutes, 500 parents and professional attended, two hours prep time.
- Bowling Green State University, One Day Summit on Autism, “The Mind & Brain: Implications for Intervention”, June 6, 2009. Lecture time one hour and 45 minutes, 500 parents and professional attended, two hours prep time.
- Bowling Green State University, One Day Summit on Autism, “Medical Consultation Medical Aspects of Autism”, June 6, 2009. Lecture time one hour, 400 parents and professional attended, two hours prep time.
- Cold Spring Harbor Laboratory’s Banbury Conference, Workshop on Autism Spectrum Disorder, “Adults with Autism, Cold Spring Harbor, NY, June 24, 2009. Lecture time 1.5 hours, 35 advanced graduate students, postdoctoral fellows, industry scientists and early-career faculty attended, three hours prep time.
- Vaccine Education Center at The Children's Hospital of Philadelphia, 2009 PA Immunization Conference, Hershey, PA, "The State of Autism Research: What Do We Know? June 25, 2009. Lecture time 45 minutes, 375 primary care doctors, nurses, and public health employees attended, four hours prep time.
- Wesley Spectrum Services Night for Autism, "Autism in the 21st Century" LeMont Restaurant, Pittsburgh, PA. November 2, 2009. Lecture time one hour, 200 parents, professional, and researchers attended, three hours prep time.
- Interdisciplinary Council on Developmental and Learning Disorders (ICDL), "The Details are in the Connections: Deciphering Heterogeneity in ASD" Bethesda, MD. November 7, 2009. Lecture time 90 minutes, approximately 500-700 physicians, speech and occupational therapists, psychologists and educators attended, seven hours prep time.
- ARC Annual National "Inspiring Innovation: With Adversity Comes Opportunity", "How The Brain in Autism Defines the World: A Different Sense of Reality" Westin Convention Center. November 13, 2009. Lecture time two hours, 275 parents and professional attended, two hours prep time.
- ASHA Division I Language Learning Education, "How the brain thinks in autism: Implications for language intervention" New Orleans, LA. November 19, 2009. Lecture time three hours, 600 parents and professional attended, three hours prep time.
- Hospital for Sick Children, “Autism Conference for Neurosciences and Mental Health Programme in the Research Institute”, "Autism At The Beginning of the 21st Century: Putting the Pieces Together" Toronto, OR. March 5, 2010. Lecture time one hour, a small group of scientists will attend, six hours prep time.
- FBR Bridges to Hope Autism Awareness Night Guest speakers, "Understanding Causes and Treatments of ASD in the Next 25 Years" Doubletree Hotel - Monroeville, PA. April 1, 2010. Keynote Addressee, lecture time one hour, 175 parents and professionals, three hours prep time.
- Sharon Regional Health System, “Understanding How the Mind & Brain Think in Autism”, Avalon Golf and Country Club at Buhl Park, April 23, 2010, Keynote Addressee, Lecture time five hours, 200 teachers, parents and professionals, six hours prep time, CEU credits offered.
- Autism Society of Minnesota (AuSM), 15th Annual Minnesota Autism Conference, "Autism Today: Where We Are & Where We're Going", Double Tree Hotel, Minneapolis, MN, April 30, 2010. Keynote Addressee, lecture time 1.5 hours; Q&A 1.5 hours, 180 professionals, teachers and parents, six hours prep time.

- Autism-Europe aisbl in association with Autism Italia onlus, "IX International Congress, 'A Future for Autism'" conference, "The Neural Basis of ASD", Catania, Italy, October 9, 2010. Invited Lecture, time 40 minutes, 2,000 professionals and scientists, two hours prep time.
- Medical and Health Sciences Foundation (MHSF) & Achievement Rewards for College Scientists (ARCS), "Autism panel discussion with experts from CMU and Pitt", Pittsburgh, PA, October 27, 2010. Invited Lecture, time 60 minutes, 60 prominent women, 20 minute prep time.
- Center for Autism and Related Disorders (CARD) At Kennedy Krieger Institute, 10th Annual Autism Conference Innovative Advancements in Autism Spectrum Disorders, "Understanding How the Mind & Brain Think in Autism", Baltimore, MD, October 28, 2010. Invited Lecture, time 90 minutes, 200 professionals, teachers and parents, two hour prep time.
- Geneva Centre for Autism International Symposium, "ASD: Research to Practice in the 21st Century," Geneva, Canada, November 4, 2010. Keynote addressee, lecture time 120 minutes, 1,800 professionals, teachers and parents, four hour prep time.
- Geneva Centre for Autism International Symposium, "From Diagnosis to Intervention: ASD & Seizures-Epilepsy Indications for EEG and MRI," Geneva, Canada, November 4, 2010. Keynote addressee, Lecture time 60 minutes, 100 professionals, two hour prep time.
- Dr. Gretchen Haas third year medical students, "Recognizing autism and the new concepts about neurobiology," Pittsburgh, PA, November 3, 2010. Invited lecture, time 90 minutes, 20 medical students, two hour prep time.
- PACT 4 Families Collaborative "9th Annual Brain Conference", "How do the brain & mind think & feel in autism," Willmar Senior High School, Willmar, MN, November 16, 2010. Keynote addressee, lecture time 90 minutes, 200 professionals, teachers and parents, two hour prep time.
- 17th Annual Lindamood-Bell® International Conference, "The pathway to new interventions for ASD: Defining mechanisms and translation to treatments," Anaheim, CA, March 11, 2011. Invited Lecture, time 90 minutes, 500 professionals, teachers and parents, two hour prep time.
- Autism and Developmental Disorders Colloquium Series at MIT, "Importance of autism as a neurologic disorder: Implications for understanding cause and for intervention". Invited lecture, time 70 minutes, 300 professionals, teachers and parents, two hour prep time.
- University of Utah, "What we don't know about autism," Salt Lake City, UH, February 21, 2012. Invited lecture.
- Case Western Reserve University, "The Evolution of autism research: A child neurologist's perspective," Cleveland, OH, March 1, 2012. Invited lecture.
- International Society for Autism Research, International Meeting for Autism Research Educational Symposium, "Biology-Based Candidate Intermediate Phenotypes In Autism Research: Hope or Hype?", Toronto, Canada, May 18, 2012.
- Parents in Toto-Heroes for Autism Benefit, "My Life in Autism: Ideas, Information and Hope," Pittsburgh, PA, October 10, 2012. Invited lecture.
- Kennedy Krieger Institute Center for Autism and Related Disorder's 12<sup>th</sup> Annual Autism Conference, "Information Processing & Brain Connectivity in ASD," Baltimore, MD, October 25, 2012. Invited lecture.
- Prairie St. John's Fall Workshop, "A Different Sense of Reality: Helping Professionals Understand the Brain & Mind in ASD," Fargo, ND, December 4, 2012. Invited lecture.

- Center for Autism and Related Disorders (CARD) Conference, “Six New Things About Autism That Will Influence the Future,” St. Petersburg, FL, January 12, 2013. Invited lecture.
- Lindamood-Bell 18<sup>th</sup> International Conference, “The Science of Autism: Transformative Advances in the Making,” Anaheim, CA, March 9, 2013. Invited lecture, time 90 minutes, 600-800 parents, educators, and school administrators from across the country.
- Century Mountain Art and Inspiration with William Rock-podcast with Dr. Nancy Minshew. Pittsburgh, PA, February 20, 2013. In this interview she offers the known facts surrounding autism, elaborates the latest in brain research and how the cortical system works and its role in those diagnosed. She dialogues the development of language in infants and how the use of the hands plays an important role in early language development. She also offers hope in terms of the latest therapies and how 'mindfulness' and self-awareness is playing an important role in improving and sustaining interactive social skills with those diagnosed with autism. Invited interview, time 25 minutes.
- Autism-Europe 10<sup>th</sup> International Congress Programme, “The Science of Autism: Transformative Advances Paving the Way to a New Future in Treatment and Care,” Budapest, Hungary, September 28, 2013. Invited Keynote Speaker, time 45 minutes.
- Autism Society of Northwest PA-Autism in our Community Conference, “The Science of Autism: Transformative Advances Paving the Way to a New Future in Treatment and Care,” Penn State Behrend Campus, Erie, PA, October 26, 2013. In this presentation, she will highlight important new milestones in the understanding of ASD and the emerging future of autism treatment and services. Invited speaker, time 2 hours, 200 parent, educators, and school administrators from across the country.

---

## ACTIVITIES RELATED TO RESEARCH

---

### REVIEWS

### FEDERAL REVIEW AD HOC COMMITTEES

1990	National Institute of Child and Human Development (Feb 11-13, 1990)
1990	National Institute of Mental Health, Washington, DC, Psychopathology and Clinical Biology-1 (Jan 11-12, 1998; Feb 7-9, 1990; Jun 13-15, 1990; Oct 3-5, 1990)
1990	National Institute of Mental Health, Washington, DC, Psychopathology and Clinical Biology-2 (Jun 5, 1990; Oct 17-19, 1990)
1991	National Institute of Mental Health, Washington DC, Psychopathology and Clinical Biology-2 (Feb 25-27, 1991; Jun 29-31, 1990)
1991	National Institute of Mental Health, Washington DC, Psychopathology and Clinical Biology-2 (Oct 16-18, 1991)
1992	National Institute of Mental Health, Washington DC, Violence and Traumatic Stress (Oct 14, 1992)
1993	National Institute of Neurological Disorders and Stroke, Bethesda, MD (Mar 3-10, 1993)
1993	National Institute of Mental Health, Clinical Science Research Center in Psychiatry (Mar 17-19, 1993)
1995	National Institute of Mental Health, Behavioral Science Track Award for Rapid Transition (B/START) (May)

- 1997 Department of Health and Human Services, Food and Drug Administration, Office of Orphan Products (May 29-30, 1997)
- 2008 National Institute of Mental Health, BDCN Member Conflict Special Emphasis Panel (Feb 4, 2008)
- 2008 NIH Special Emphasis Panel/Scientific Review Group (Oct 20, 2008)
- 2009 Child Psychopathology and Development Disabilities (CPDD) NIH study section, San Francisco, CA (Feb 9, 2009)
- 2009 NIH Autism American Recovery and Reinvestment Act of 2009 (ARRA) Review, Bethesda, MD, (Jun 19, 2009)
- 2009 NIH Special Emphasis panel re-review (Feb 9, 2009) online review, (Jun 29, 2009)
- 2012 National Institute of Mental Health, Board of Scientific Counselors, Pediatrics and Developmental Neuroscience Branch, Washington, DC, (Mar 14, 2012)

### **OTHER REVIEWS**

- 1996 The Wellcome Trust, London, England
- 1998 Autism Society of America Foundation
- 1998 The Wellcome Trust, London, England
- 1999 National Alliance of Autism Research
- 2001 National Human Genome Research Institute/NIH. Center for Inherited Disease Research (CIDR).
- 2001 National Academy of Sciences. Committee on Educational Interventions for Children with Autism. Educating children with autism.
- 2002 The Wellcome Trust, London, England
- 2004 The Wellcome Trust, London, England
- 2004 MRC Neuroscience and Mental Health Board, London, England
- 2004 The Israel Science Foundation, review scientific research proposal.
- 2005 MRC Neuroscience and Mental Health Board, London, England
- 2005 Cure Autism Now (CAN), Los Angeles, CA.
- 2006 Cure Autism Now (CAN), Los Angeles, CA.
- 2006 MRC Neuroscience and Mental Health Board, London, England
- 2007 Cure Autism Now (CAN), Los Angeles, CA.
- 2008 The Wellcome Trust, London, England
- 2008 Autism Speaks, Philadelphia, PA
- 2008 Autism Speaks, Santa Monica, CA
- 2008 American Academy of Neurology, Pittsburgh, PA
- 2009 Autism Speaks, UK by international conference call, Review Committee, November 20, 2009
- 2009 Department of Defense (DoD), Chair, Clinical Trials Committee, Washington, DC, October 28, 2009

- 2010 March of Dimes, Pittsburgh, PA, Review Committee, January 15, 2010
- 2010 Wellcome Trust, London, England, April 20, 2010
- 2010 Wellcome Trust, London, England, November 8, 2010
- 2012 Congressionally Directed Medical Research Programs of the Department of the Defense, Chair, 2012 Autism Research Program, Washington, DC, (Nov 14-16, 2012)
- 2013 National Institute of Mental Health, Therapeutic Gaming Software Committee, Bethesda, MD (Feb 2013) online review
- 2013 NIH Special Emphasis Panel/Scientific Review Group, Developmental Brain Disorders (DBD) peer review committee, Santa Monica, CA (June 20-21, 2013)
- 2013-2014 U.S. Army Medical Research and Materiel Command, Congressionally Directed Medical Research Programs (CDMRP), Autism Research Program-Integration Panel, Washington, DC, (Jan 8-9, 2013)

### **EDITORIAL BOARD**

- 1994 – Associate Editor, Journal of Autism and Developmental Disorders
- 2007 – Autism Research, Editorial Board

### **JOURNAL REVIEWS**

- 1987 – American Journal of Psychiatry
- 1988 – Archives of General Psychiatry
- 1991 – Journal of Autism and Developmental Disorders
- 1992 – Biological Psychiatry
- 1994 – Journal of the American Academy of Child & Adolescent Psychiatry
- 1996 – Neurology
- 1996 – Neuropsychiatry, Neuropsychology and Behavioral Neurology
- 1999 Cerebral Cortex
- 2006 Psychological Science
- 2009 Autism Research
- 2009 The Journal of Neuroscience
- 2009 Neuropsychologia
- 2010 Journal of Abnormal Psychology
- 2010 NeuroImage
- 2010 Brain and Language
- 2010 Neuropsychologia
- 2010 Brain
- 2010 Archives of General Psychiatry
- 2011 Cerebral Cortex
- 2011 Journal of Neurodevelopmental Disorders
- 2011 Archives of General Psychiatry
- 2011 Neuroscience & Biobehavioral Reviews
- 2011 Human Brain Mapping

2011 Encyclopedia of Autism Spectrum Disorders  
 2012 American Journal of Psychiatry  
 2012 Autism Research  
 2012 Journal of Neurodevelopmental Disorders

## BOOK REVIEWS

1. Baron-Cohen S (ed). *Mindblindness: An essay on autism and theory of mind*. Cambridge: MIT Press 1996; 168 pp.
2. Schopler E, Mesibov GB, Kuncie LJ (eds). *Asperger syndrome or high functioning autism?* New York: Plenum Press 1998; 409 pp.
3. Mesibov GB, Shea V, Adams, LW (eds). *Understanding Asperger Syndrome & High Functioning Autism*. Kluwer Academic: Plenum, USA, 2002.

## COMMITTEE SERVICE

### REGIONAL AND NATIONAL ORGANIZATIONS AND COMMITTEES

1988 – 1990 Child Neurology Society, By-Laws Committee  
 1990 – 1991 Child Neurology Society, Scientific Selection Committee  
 1992 – Trainee Selection Committee for Dr. Catherine Lord's grant, "Training in Research Diagnosis of Autism Spectrum Disorders" (University of Chicago)  
 1993 – 1994 Scientific Selection Committee, Child Neurology Society, International Child Neurology Association Planning Committee  
 1993 – 1996 Research Committee, Child Neurology Society  
 1995 – National Tuberos Sclerosis Association Professional Advisory Board  
 1997 – 1998 Child Neurology Society, Scientific Selection Committee American Academy of Neurology/NIH Committee on Practice Parameters for the diagnosis of autism  
 1998 – 2007 NICHD Collaborative Program of Excellence in Autism Steering Committee  
 1999 NICHD Biobehavioral Development Working Group – Strategic Planning Interdisciplinary Council on Developmental and Learning Disorders Advisory Board  
 2000 – Center for the Neural Basis of Cognition – Member  
 2006 Thesis Committee for Eric Sparkenbaugh "The Inclusion of Autistic Students in the General Curriculum"  
 11-20-09 American Academy of Neurology (AAN), 2010 AAN Scientific Abstract Review  
 12-11-09 International Meeting For Autism Research (IMFAR) 2009 Abstract Review  
 04-25-09 AAN, Child Neurology I, Session Chair  
 05-07-09 IMFAR, Imaging II, Session Chair  
 01-15-10 IMFAR, 2010 MFAR Abstract Review  
 11-08-10 AAN, 2011 Scientific Abstract Review  
 01-20-11 IMFAR, 2011 MFAR Abstract Review  
 02-08-12 Tenure and Promotions Committee, University of Pittsburgh School of Arts and Sciences  
 03-13-12 Tenure Committee, NIMH Intramural Research Program  
 04-16-12 INSAR Subcommittee to review applications for the Alan B. Slifka Foundation Award for Innovation in Autism Research  
 04-21-12 American Academy of Neurology (AAN), 2012 Scientific Abstract Review  
 05-18-12 IMFAR, 2012 MFAR Abstract Review



2013 - NIMH, Reviews

## **BOARD MEMBERSHIPS**

1986 – 1994 Board of Directors, Verland Foundation, Inc.  
1986 – 1994 Board of Directors, Verland Endowment  
1991 – 1994 Advisory Committee, Westfield Project  
1995 – 1997 Professional Advisory Board, National Tuberous Sclerosis Association  
1996 – 2004 Board of Advisors, Autism Society of Ohio (ASA-Ohio)  
1996 – 2008 Advisory Board, Advisory Board on Autism and Related Disorders (ABOARD)  
1997 – 1999 Advisory Board, Autism Society of America Foundation (ASA)  
1997 – 2007 Scientific Advisory Board, Cure Autism Now (CAN)  
1998 – 2008 Professional Board of Directors, Advisory Board on Autism and Related Disorders (ABOARD)  
2003 – 2008 National Alliance of Autism Research (NAAR) Tissue Advisory Board  
2003 – 2004 PA Autism Task Force, Co-Chair (ATF)  
2004 – 2006 Autism Coalition Advisory Board  
2004 – 2006 Advisory Board for the Center of Learning, CCAC  
2004 – Advisory Board for Autism Spectrum Quarterly (ASQ)

---

## **LIST OF CURRENT RESEARCH INTERESTS**

---

Neurobiologic and genetic basis of autism, structural MRI, <sup>31</sup>P and <sup>1</sup>H MRS, and functional MRI

---

## **SERVICE**

---

### **UNIVERSITY AND MEDICAL SCHOOL**

1984 – 1985 Residency Education Committee, Western Psychiatric Institute And Clinic (WPIC)  
1984 – 1987 For the first 2-3 years of her appointment, Dr. Minshew provided full time inpatient coverage for the John Merck Unit with consultation to other units  
1985 Chairperson, Task Force on Assessment Services for Children and Adolescents, WPIC  
1985 – 1986 Seed Committee for Applications to the Mental Health Clinical Research Center for Affective Disorders, WPIC  
1985 – 1988 Advisory Committee for Training Program in SLD for Rehabilitation, Department of Education and Rehabilitation Services Administration  
1985 – 1990 Academic Promotions Committee, WPIC  
1985 – 1993 Training Grant Review Committee, WPIC  
1986 – 1987 University of Pittsburgh Surgery Chairman Search Committee  
1988 – 1989 Academic Promotions Committee, Subcommittee for Review of Contract Renewals  
1989 – 1993 Advisory Board, Vocational Rehabilitation Services Grant, Job Training for Autistic individuals  
1997 – 2001 Academic Promotions Committee, WPIC

- 1994 – University Community Leaders and Individuals with Disabilities Advisory Board, University of Pittsburgh School of Social Work
- 1996 – 2002 Scientific Advisory Committee for the Functional Imaging Research Program, Department of Radiology, University of Pittsburgh Medical Center
- 1997 – 2002 Consolidated Research and Development Committee, VA Pittsburgh Health Care System (Dean's representative)
- 2007 – 2012 Training Program Faculty, Psychiatric Epidemiology Training Program, University of Pittsburgh Medical Center
- 2012 Ad Hoc Committee Member, University of Pittsburgh School of Arts and Sciences Tenure Council for Dr. Jana Iverson

## COMMUNITY ACTIVITIES

Dr. Minshew provided 150 hours of community educational in-services on autism to approximately 1800 participants in the two years from 1989 to 1991, averaging two in-services per month. These sessions averaged 6 hours and covered diagnosis, assessment, treatment, and neurobiology of autism and related disorders. Since 1991, she has provided 40-60 hours per year of in-services, again designed to improve the skill level of clinicians, teachers, and direct care intervention staff with respect to this emerging category of disorders. She is a regular speaker for the Community College of Allegheny College, which organizes regional educational programs for mental health and developmental disability staff.

1. Clinical and neurobiological aspects of autism. In-service at Riverview, PA Intermediate Unit. Nancy J. Minshew, James B. Payton, and Linda Cordisco, April 1989
2. The broad spectrum of autism. In-service at Youngstown Autism Society, Department of Special Education; ACLD, Youngstown, OH. May 1989.
3. Diagnosis, scope, and treatment of autism. In-service at Bradley Center, Harmarville, PA. September 1989.
4. Differential diagnosis in autism. In-service at the Northwest Tri-County Intermediate Unit. September 1989.
5. New perspectives in autism. In-service at Butler County Community College, Butler, PA. November 1989.
6. Seizures. In-service at Divine Providence Hospital. February 1990.
7. New perspectives in autism. In-service at Seton Hill College, Greensburg, PA. March 1990.
8. Seizures/autism. In-service at Wightman School. Pittsburgh, PA. March 1990.
9. Autism. In-service at Suffolk Child Development Center, Smithtown, NY. March 1990.
10. Differential diagnosis/autism. In-service at the Autism Society of America, New Castle, PA. June 1990.
11. New perspectives in autism. In-service at Passavant Hospital, North Hills, PA. June 1990.
12. New perspectives in autism. In-service at the Dr. Gertrude A. Barber Center, Erie, PA. June 1990.
13. Differential diagnosis in autism. In-service at Woodville State Hospital, Bridgeville, PA. June 1990.
14. Autism. In-service at Horizon Home, Pittsburgh, PA. September 1990.
15. New perspectives in autism. In-service at the University of Pittsburgh-Bradford Campus, Bradford, PA. September 1990.
16. Autism/PDD. In-service at Pace School, Pittsburgh, PA. September 1990.

17. New perspectives in autism. In-service at Conemaugh Valley Memorial Hospital, Johnstown, PA. November 1990.
18. Autism. In-service at Vocational Rehabilitation Center, Pittsburgh, PA. December 1990.
19. Autism. In-service at the Association for Retarded Citizens, Butler, PA. December 1990.
20. Autism/PDD. In-service at Pace School, Pittsburgh, PA. March 1991.
21. New perspectives in autism. In-service at Woodville State Hospital, Bridgeville, PA. March 1991.
22. New perspectives in autism. In-service at Indiana University of Pennsylvania, Indiana, PA. March 1991.
23. Understanding autism. In-service for CCAC at Goodwill Industries, Pittsburgh, PA. March 1991.
24. Autism. In-service at Renaissance Center, Pittsburgh, PA. April 1991.
25. Autism (part II). In-service at Pace School, Pittsburgh, PA. April 1991.
26. Autism. In-service at Western Psychiatric Institute and Clinic, Benedum Hall for the School of Excellence for Health Care Professions (SEHCP) Mental Health Specialty Course for gifted high school students, Pittsburgh, PA. July 1991.
27. Research applications of spectroscopy. In-service at the NMR Institute, Pittsburgh, PA. October 1991.
28. Autism. In-service at Allegheny Intermediate Unit - Task Force, Pittsburgh, PA. April 1992.
29. New perspectives in autism. In-service at Highland School, Pittsburgh, PA. April 1992.
30. Autism. In-service at WS Guy Middle School, Youngstown, Ohio. August 1992.
31. The clinical syndrome of autism. In-service at Harrisburg State Hospital, Harrisburg, PA. November 1992.
32. Autism. In-service for the Greater Pennsylvania Psychological Association, Pittsburgh, PA. November 1992.
33. Autism. In-service for Paula Teacher & Associates, Export, PA. May 1993.
34. Understanding autism. In-service for CCAC, Pittsburgh, PA. October 1993.
35. New perspectives in autism. In-service for OERP at the Riverview Intermediate Unit, Shippensburg, PA. May 1994.
36. New perspectives in autism: The Clinical Spectrum of Autism. In-service for Life Management Consultants, Inc., Monaca, PA. June 1994.
37. Understanding autism. In-service for CCAC, Pittsburgh, PA. October 1994.
38. Core deficits in autism: Implications for Treatment and Intervention. In-service for the Autism Society of Ohio. October 1994.
39. New perspectives in autism. In-service for OERP at Doran Hall, Greensburg, PA. November 1994.
40. Understanding autism. In-service for Horizon's Home, Pittsburgh, PA. January 1995.
41. Semantic and pragmatic characteristics in high-functioning autistic individuals. In-service for the Southwestern PA Speech and Hearing Association, Pittsburgh, PA. February, 1995.
42. New perspectives in autism. In-service for Cambria Autism Society. April 1995.
43. Understanding autism. In-service for Westmoreland Case Management and Supports, Greensburg, June 1995.
44. Understanding autism. In-service for Verland Foundation, Moon Township, June 1995.
45. Understanding autism. In-service for CCAC, Pittsburgh, PA. September 1995.
46. Understanding autism. In-service for CCAC, Pittsburgh, PA. December 1995.
47. Autism. In-service for the Therapeutic Activities Center (TAC), Pittsburgh, PA. December 1995.
48. Autism. In-service for the Westmoreland County School District, Greensburg, PA. January 1996.
49. Understanding autism. In-service for CCAC, Pittsburgh, PA. February, 1996.

50. Autism. In-service for Title XIX, Dallas, TX. March 1996.
51. Autism. In-service for Community Living Care, Inc. Greensburg, PA. May 1996.
52. Understanding autism. In-service for CCAC, Pittsburgh, PA. May 1996.
53. Understanding autism. In-service for CCAC, Pittsburgh, PA. August 1996.
54. Neurology of autism: Implications of research for intervention. Lecture for Allegheny General Hospital, Pittsburgh, PA. May 1997.
55. Understanding autism. In-service for CCAC, Pittsburgh, PA. October 1997.
56. Autism. ABOARD Spring 1998 Workshop sponsored by Allegheny Intermediate Unit, Pittsburgh, PA. May 1998.
57. Understanding autism. In-service for CCAC, Pittsburgh, PA. June 1998.
58. Focus Group. PA Dept. of Education, Gibsonia, PA. June 1998.
59. Understanding neurologic issues & the cognitive basis of behavior in autism. In-service for Title XIX, Dallas, TX. November 1998.
60. Understanding autism. In-service for CCAC, Pittsburgh, PA. October 1998.
61. Understanding Autism. In-service for CCAC, Pittsburgh, PA. February 1999.
62. Autism: The State of the Art and the Science. OERP, Monroeville, PA. April 1999.
63. The cognitive & neural basis of autism. In-service for Allegheny East Mental Health & Mental Retardation Center. Monroeville, PA. May 1999.
64. Neurobasis of Autism. Macomb Intermediate School District Inservice. Sterling Heights, MI. November 1999.
65. Results of Autism Research. Advisory Board on Autism and Related Disorders (ABOARD) Spring Social. Pittsburgh, PA. April 2000.
66. The cognitive basis of behavior in autism and autism spectrum disorders. Education Service Center Region 20. San Antonio, TX, October 2000.
67. Autism as a complex information processing disorder: Implications for behavioral treatments. Trinity Area School District. Washington, PA. November 2000.
68. Latest developments in autism. Videoconference for the Office of Education and Regional Programming. Pittsburgh, PA, February 2002.
69. The autism spectrum disorders. Videoconference and presentation for the Pennsylvania Child and Adolescent Service System Program (CASSP) Training and Technical Assistance Institute. Harrisburg, PA, March 2002.
70. Autism Task Force Committee Meeting. Autistic Adults, Parents and Specialist meeting in Harrisburg, PA July 26, 2003.
71. Harrisburg, PA, Co-chairs/facilitators of Autism Task Force Subcommittees, "Working in communities to address the needs of the Autistic population." October 11, 2003.
72. The House Children and Youth Committee, Harrisburg, PA "Informational Meeting on Autism - testimony for housing for Autistic Adults". November 12, 2003.
73. Autism Summit Meeting, Washington, DC. November 18 – 19, 2003.
74. The House Appropriation Committee Meeting, Harrisburg, PA. February 18, 2004.
75. Forum Advancing Autism Care Excellence (FAACE) quarterly meeting, guest speaker Estelle B. Richmond, Department of Public Welfare for the Commonwealth of Pennsylvania, Carnegie Library Lecture Hall, Pittsburgh, PA. February 27, 2004.
76. Autism Task Force Meeting, Harrisburg, PA. April 10, 2004.
77. The House Appropriation Committee Meeting, Harrisburg, PA. April 14, 2004.
78. Autism Forum with State Representative Mike Turzai, UPMC Passavant Hospital, Pittsburgh, PA September 2004.

79. Autism Living and Working Colloquium, hosted by Networks for Training, purpose is to develop a white paper given current advances in our knowledge about Autism Spectrum Disorder, what has to be in place to help adults with ASD live and work in the community and to train people to support their independence. March 24, 2005.
80. Washington County Health Partners/Teen Wellness Task Force, Autism/Mental Health Issues Panel, February 5, 2008
81. Hershey PA, Bill Signing HB 1150 – Autism Insurance Mandate, passed July 9<sup>th</sup>, 2008 along with Governor Ed Rendell, Speaker Dennis O'Brien and Estelle Richman.
82. Lecture to Lawn Street group home to train staff how to manage individuals with autism, July 31, 2009; repeated in 2010, 2011.
83. Provided guidance and assistance to Lauren Russell, a Senior at Benedictine College in Atchison, KS, to complete her paper on a contemporary psychologist whose work she admires, which was Nancy J. Minshew, MD, October 2009.
84. Town Hall Meeting on Autism, Milestones Achievement Center, Monroeville, PA, October 13, 2009.
85. Meeting with Dr. Susan A. Ambrose, Associate Provost for Education, Carnegie Mellon University (CMU), to advise her on educational needs of CMU college students with ASD and other disabilities, August 13, 2010.

## **MEDIA**

1. Pittsburgh Post-Gazette, "Mario's Story: Designing a program for one", featuring Nancy J. Minshew, MD, as an expert in autism, July 18, 2001.
2. Pittsburgh Post-Gazette, "Dr. Nancy Minshew: Getting down to the genetic roots of autism" by Virginia Linn, December 31, 2002.
3. Pittsburgh Post-Gazette, "National autism conference brings together patients, families, educators." by Anita Srikameswaran, announces Nancy J. Minshew, MD, involvement, July 29, 2003.
4. Pittsburgh Post-Gazette, "All About Andrew: How an 8-year-old boy is fighting autism", by Anita Srikameswaran featuring Nancy J. Minshew, MD, as an expert in autism, July 13, 2003.
5. Pittsburgh Post-Gazette, "Brain donation project gives scientists priceless help in search for autism's causes." by Anita Srikameswaran, announces Nancy J. Minshew, MD, involvement, July 29, 2003.
6. WQED's On Q Autism segment, nominated for a Mid-Atlantic EMMY Award, a show featuring CeFAR and ABOARD, 2003.
7. WQED's On Q Autism segment show featuring Dr. Minshew and a patient she has worked with over the past 15 years, 2004.
8. Pittsburgh Post-Gazette, "Autism seen as problem of connections in brains" by Byron Spice, featuring Nancy J. Minshew, MD, as an expert in autism, August 15, 2004.
9. Pittsburgh Post-Gazette, "Report to call for overhaul of autism services", by Virginia Linn, featuring Nancy J. Minshew, MD, as an expert in autism, October 17, 2004.
10. Pittsburgh Post-Gazette, "Autism findings focus on how areas of the brain communicate", by Byron Spice, featuring Nancy J. Minshew, MD, as an expert in autism, November 30, 2004.
11. Pittsburgh Post-Gazette, "When a gift can be hurtful, for autistic children, the best present is the one they want", by Byron Spice, featuring Nancy J. Minshew, MD, as an expert in autism, December 25, 2004.
12. Today Show, WPXI (NBC) TV, "Autism and Adults", National Television, February 25, 2005.
13. Jane Pauley Show, WPXI (NBC) TV, "Autism", National Television, March 2005.

14. Pittsburgh Post-Gazette, "Autism report details needs, proposes fixes", by Gary Rotstein, featuring Nancy J. Minshew, MD, as an expert in autism, January 10, 2005.
15. Pittsburgh Post-Gazette, "Chelation therapy has critics, champions, Reports of success have caused a surge in the use to treat autistic children", by Virginia Linn, featuring Nancy J. Minshew, MD, as an expert in autism, January 24, 2005.
16. Pittsburgh Post-Gazette, "Editorial: Autism's moment / Pennsylvania can't let the opportunity pass", featuring Nancy J. Minshew, MD, as an expert in autism, March 1, 2005.
17. Pittsburgh Post-Gazette, "Editorial: Autism's moment / Pennsylvania can't let the opportunity pass", Jacqueline Shoyeb, featuring Nancy J. Minshew, MD, as an expert in autism, July 29, 2005.
18. Pittsburgh Post-Gazette, "Extra mile for boy's best friends, Cross-country relay will keep them together", Jacqueline Shoyeb, featuring Nancy J. Minshew, MD, as an expert in autism, July 29, 2005.
19. BBC, England, filmed on November, 17, 2005.
20. Pittsburgh Post-Gazette, "Understanding of autism grows as Pittsburgh researchers track brain action", by Mark Roth, featuring Marcel Just, PhD at CMU and Nancy J. Minshew, MD, January 24, 2007.
21. Pittsburgh Post-Gazette, "New study looking at families with autism to find the guilty genes", by Anita Srikameswaran, February 19, 2007.
22. Development of online and DVD training materials for the Department of Public Welfare, Lecture #1: "Autism: What it is, What it isn't", Lecture #2: "Now that it is ASD: What do you do differently?" March 2007.
23. "Science and the Search for Meaning" radio interview with Jesse Boggs, April 23, 2007.
24. "Science and the Search for Meaning" radio interview with Jesse Boggs, June 4, 2007.
25. Pittsburgh Post-Gazette, "UPMC will open state's first regional autism center", by Sarina Rosenberg, July 24, 2007.
26. Pittsburgh Post-Gazette, "NIH giving Pitt \$9.6 million for autism program", announcing Autism Center of Excellence grant, December 18, 2007.
27. KDKA television news interview, January 31, 2008.
28. WTAE television news interview, January 31, 2008.
29. Pittsburgh Post-Gazette, "TV Review: 'Eli Stone' has McBeal-like imagination", by Rob Owen, featuring Nancy J. Minshew, MD as autism specialist, January 31, 2008.
30. Pittsburgh Post-Gazette, "Pitt expert goes public to counter fallacy on autism", by Mark Roth, featuring Nancy J. Minshew, MD as autism specialist, January 31, 2008.
31. Pittsburgh Post-Gazette, "Studies raise questions about increase in autism cases", by Mark Roth, featuring Nancy J. Minshew, MD as autism specialist, February 6, 2008.
32. "Pittsburgh Sunday Morning" radio interview with Sean McDowell, WDVE, taped April 30, 2008, aired June 1, 2008.
33. 88.3 FM WRCT Pittsburgh, the CMU student run non-profit radio station, interview on ASD, live, October 21, 2008.
34. Pittsburgh Post-Gazette, "Travolta son's death triggers a controversy", by Mark Roth, featuring Nancy J. Minshew, MD as autism specialist, January 6, 2009.
35. Pittsburgh Post-Gazette, "Autism, vaccine debate not over for some, Despite ruling, parents urge more research", by Mark Roth, featuring Nancy J. Minshew, MD as autism specialist, February 14, 2009.
36. Pittsburgh Post-Gazette, "Common genetic link seen in autism", by Mark Roth, featuring Nancy J. Minshew, MD as autism specialist, May 13, 2009.

37. WDUQ radio interview with Erika Beras on a series about autism throughout the lifespan, Pittsburgh, PA October 20, 2009
38. KDKA radio interviews to promote Wesley Spectrum Services, keynote speaking engagement at the LeMont, PA, October 27, 2009.
39. Pittsburgh Today television interview to promote Wesley Spectrum Services, keynote speaking engagement at the LeMont, PA, October 27, 2009.
40. HBO Murray Street Radio interview on Temple Grandin, Pittsburgh, PA, November 5, 2009.
41. University of Pittsburgh series on health, "Vaccinations do not cause Autism", viewed in UPMC facilities. November 15, 2009
42. Scientific Consultant for HBO movie "Temple Grandin" 2008-2009. Aired February 7, 2010.

#### **UNDERGRADUATE AND MEDICAL SCHOOL RESEARCH EXPERIENCE**

1. California Heart Association Student Fellowship. Contractility of Chick Embryo Myocardial Cells in Tissue Culture. Stanford University Medical School, Department of Cardiology. Summer 1969.
2. Argonne National Laboratory. Electron Microscopy of Biologic Samples. Chicago, Illinois. January 1970.
3. Roswell Park Memorial Institute. Isolation of Viral Nucleic Acid: Gel Electrophoresis Techniques. Buffalo, New York. Summer 1970.
4. Kellogg Research Fellowship. Metabolic Consequences of Renal Failure in a Rat Model. Washington University Medical School, Renal Division. Summer 1971.
5. Research Associate. Neurologic Outcome of NICU Newborns. Dominion University and Eastern Virginia Medical School, Norfolk, Virginia. January-June 1977.
6. Co-Investigator, Fluorescence and NMR Spectroscopy of Living Tissues in Inherited and Acquired Neurologic Disorders. Southwestern Medical School, Department of Neurology. March 1980-August 1983.