

CURRICULUM VITAE

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EDUCATION/TRAINING:

- 1985-1989 B.S., Biochemistry, Indiana University, Bloomington, IN
- 1989-1993 M.D., Indiana University School of Medicine, Indianapolis, IN
- 1993-1997 Psychiatry Resident, University of Vermont, Burlington, VT
- 1997-1999 Child and Adolescent Psychiatry Fellow, Indiana University School of Medicine, Indianapolis, IN
- 2003-2005 M.S., Clinical Research, Indiana University, Indianapolis, IN

CAREER:

- 1999-2005 Assistant Professor of Psychiatry, Indiana University School of Medicine, Indianapolis, IN
- 1999-2005 Daniel X. and Mary Freedman Foundation for Academic Psychiatry Fellow, Department of Psychiatry, Indiana University School of Medicine
- 1999-2004 Consultant, Indiana Developmental Training Center, Indianapolis, IN
- 1999- Consultant, Marion County Superior Court, Juvenile Division
- 2001-2010 Chief, Christian Sarkine Autism Treatment Center, Riley Hospital for Children
- 2002-2010 Consultant, Damar Residential Treatment Services, Indianapolis, IN
- 2005-2010 Associate Professor of Psychiatry (with tenure), Indiana University School of Medicine, Indianapolis, IN
- 2006- Consultant, Global Ministries, Indianapolis, IN
- 2007-2010 Co-Director, Riley Child and Adolescent Psychiatry Clinic
- 2008-2010 Program Director, Indiana University-Eli Lilly & Company Psychopharmacology Fellowship
- 2010- President, David J Posey, MD, LLC
- 2010- Volunteer Clinical Professor of Psychiatry, Indiana University School of Medicine, Indianapolis, IN

PROFESSIONAL HONORS:

- 1999 Daniel X. and Mary Freedman Psychiatric Research Fellowship Award
- 2000 National Alliance for Research on Schizophrenia and Depression (NARSAD) Young Investigator Award
- 2000 Grant Writing Workshop Attendee, Wayne State University, Detroit, MI
- 2001 APA Research Colloquium for Junior Investigators Attendee, New Orleans, LA
- 2002 Future Leaders in Psychiatry Meeting Attendee, Miami, FL
- 2003 NARSAD Young Investigator Award (Seaver Investigator)
- 2004 American College of Neuropsychopharmacology Young Investigator Travel Award
- 2005 Riley Hospital for Children Red Shoes Award Nomination for outstanding contribution to quality, family-centered care
- 2012 Top Doctor recognition featured in Indianapolis Monthly

LICENSURE/CERTIFICATION:

- 1994- Diplomate, National Board of Medical Examiners (No. 428278)
- 1997- State of Indiana Physician's License (No. 01047000)
- 1998- Diplomate, American Board of Psychiatry and Neurology: Certified in Psychiatry (No. 45891)
- 1999- Diplomate, American Board of Psychiatry and Neurology: Certified in Child and Adolescent Psychiatry (No. 4737)

PROFESSIONAL MEMBERSHIPS:

- 1993- Fellow, American Psychiatric Association
- 1997- Member, American Academy of Child and Adolescent Psychiatry
- 2000-2010 Member, Society of Biological Psychiatry
- 2007-2010 Associate Member, American College of Neuropsychopharmacology

EDITORIAL BOARD MEMBERSHIPS:

Journal of Autism and Developmental Disorders (2008-2010)
Autism Research and Treatment (2009-2010)

JOURNAL REVIEWS:

American Journal of Psychiatry
Archives of General Psychiatry
Biological Psychiatry
CNS Spectrums
European Psychiatry
Expert Opinion on Pharmacotherapy

Expert Opinion on Therapeutic Targets
Expert Review of Neurotherapeutics
Neuropsychiatric Disease and Treatment
Neuropsychopharmacology
Psychiatric Genetics
Journal of the American Academy of Child and Adolescent Psychiatry
Journal of Autism and Developmental Disorders
Journal of Child and Adolescent Psychopharmacology
Research in Developmental Disabilities
Therapy

NIH GRANT REVIEWS (*AD HOC*):

03/03/05: DBD
04/30/06: ZNS1 SRB-M
08/07/06: ZNS1 SRB-G
10/26/06: ZMH1 ERB-S
11/02/06: ZRG1 BDCN-N
12/11/06: ZMH1 ERB-D
04/16/07: ZNS1 SRB-K (50)
06/06/07: 2007/10 SRNS
07/11/08: ZMH1 ERB-S (04)
06/05/09 2009/10 ZRG1 BBBP-L (58) R

OTHER GRANT REVIEWS (*AD HOC*):

05/22/07: Autism Speaks
02/26/08: The Netherlands Organisation for Health Research and Development
12/1/08: Thrasher Research Fund
08/3/09: Autism Speaks

UNIVERSITY/DEPARTMENTAL ACTIVITIES (1999-2010):

Member, Psychiatry Research Committee, Department of Psychiatry
Member, Compliance Oversight Committee, Department of Psychiatry
Member, Billing Task Force Committee, Department of Psychiatry
Chair, Quality Improvement Committee, Riley Hospital Child and Adolescent Psychiatry Clinic
Faculty Facilitator, Indiana University School of Medicine Vertical Mentoring Program
Member, Indiana University Psychiatric Associates Board of Directors
Quality Chief, Department of Psychiatry
Member, Indiana University Medical Group (IUMG)-Specialty Care Medical Management Committee
Member, General Clinical Research Center Advisory Committee
Member, Chieftains Committee, Riley Hospital Child and Adolescent Psychiatry Clinic
Member, Child Psychiatry Data and Safety Monitoring Board
Member, NIH Funding Task Force
Member, Indiana Clinical Research Center Advisory Committee
Member, IUMG-Indiana Clinic Medical Management Committee

OTHER ACTIVITIES EXTERNAL TO UNIVERSITY:

2009 NIH Fragile X Outcome Measures Working Group Member
2009-Present Independent Medical Monitor, Early Pharmacotherapy Guided by Biomarkers in Autism Study, NINDS, Chugani (PI)

TEACHING ACTIVITIES (1999-2010):

Clinical Teaching:

- Psychiatry Clerkship (N730) Outpatient Clinic Preceptor (supervision of one to two medical students each rotation)
- Outpatient Supervision of Child and Adolescent Psychiatry Fellows (supervision of three fellows each year)
- Annual Oral Clinical Skills Examinations for Child and Adolescent Psychiatry Fellows

Undergraduate Teaching:

- Summer 2006: Simmons Intern Supervisor

Mentoring:

- Mentoring Committee, Kimberly A. Stigler, M.D. (Junior Faculty)
- Master of Science Degree Committee Advisor, Craig A. Erickson, M.D. (Clinical Research Fellow)
- Mentoring Committee, Maria Poor, M.D. (Junior Faculty)
- Mentoring Committee, Noha Minshawi, Ph.D. (Junior Faculty)
- ACNP Travel Awardee Mentor

Courses Taught:

- **Developmental Neuropsychiatry**
- **Advanced Child and Adolescent Psychopharmacology**

BIBLIOGRAPHY:

1. ***Posey DJ**, Litwiller M, Kohburn A, McDougale CJ (1999): Paroxetine in autism. J Am Acad Child Adolesc Psychiatry 38:111-112.
2. ***Posey DJ**, Walsh KH, Wilson G, McDougale CJ (1999): Risperidone in the treatment of two very young children with autism. J Child Adolesc Psychopharmacol 9:273-276.
3. McDougale CJ, Scahill L, McCracken JT, Aman MG, Tierney E, Arnold LE, Freeman BJ, Martin A, McGough JJ, **Posey DJ**, Riddle MA, Ritz L, Swiezy NB, Vitiello B, Volkmar FR, Votolato N, Walson P (2000): Research Units on Pediatric Psychopharmacology (RUPP) – Autism Network: Background and rationale for an initial controlled study of risperidone, in Child and Adolescent

Psychiatric Clinics of North America, 9(1):201-224, Martin A, Scahill L (eds), WB Saunders Co., Philadelphia.

4. *Arnold LE, Aman MG, Martin A, Collier-Crespin A, Vitiello B, Tierney E, Asarnow R, Bell-Bradshaw F, Freeman BJ, Gates-Ulanet P, Klin A, McCracken JT, McDougle CJ, McGough JJ, **Posey DJ**, Scahill L, Swiezy NB, Ritz L, Volkmar F (2000): Assessment in multisite randomized clinical trials of patients with autistic disorder: The autism RUPP network. J Autism Dev Disorder, 30:99-111.
5. ***Posey DJ**, McDougle CJ (2000): The pharmacotherapy of target symptoms associated with autistic disorder and other pervasive developmental disorders. Harvard Rev Psychiatry, 8:45-63.
6. *McDougle CJ, Kresch LE, **Posey DJ** (2000): Repetitive thoughts and behavior in pervasive developmental disorders: Treatment with serotonin reuptake inhibitors. J Autism Dev Disorder, 30:427-435.
7. **Posey DJ**, McDougle CJ (2001): The pathophysiology and treatment of autism. Current Psychiatry Reports, 3(2):101-108.
8. ***Posey DJ**, McDougle CJ (2001): Pharmacotherapeutic management of autism. Expert Opinion on Pharmacotherapy, 2(4):587-600.
9. ***Posey DJ**, Guenin KD, Kohn AE, Swiezy NB, McDougle CJ (2001): A naturalistic open-label study of mirtazapine in autistic and other pervasive developmental disorders. J Child Adolesc Psychopharmacol, 11(3): 267-277.
10. *Scahill L, McCracken J, McDougle CJ, Aman M, Arnold LE, Tierney E, Cronin P, Davies M, Ghuman J, Gonzalez N, Koenig K, Lindsay R, Martin A, McGough J, **Posey DJ**, Swiezy N, Volkmar F, Ritz L, Vitiello, B (2001): Methodological issues In designing a multisite trial of risperidone in children and adolescents with autism. J Child Adolesc Psychopharmacol, 11(4):377-388.
11. **Posey DJ**, McDougle CJ (2002): Practical pharmacotherapeutic management of autism: A review and update of commonly prescribed drugs. International Drug Therapy Newsletter, 37(1): 1-6.
12. *Sweeten TL, **Posey DJ**, Shekhar A, McDougle CJ (2002): The amygdala and related structures in the pathophysiology of autism. Pharmacology, Biochemistry, Behavior, 71:449-455.
13. *Kem DL, **Posey DJ**, McDougle CJ (2002): Priapism associated with trazodone in an adolescent with autism. J Am Acad Child Adolesc Psychiatry, 41(7):758.

14. *Stigler KA, **Posey DJ**, McDougle CJ (2002): Recent advances in the pharmacotherapy of autism. Expert Rev Neurotherapeutics, 2(4), 499-510.
15. ***Posey DJ**, McDougle CJ (2002): Autism: A three-step practical approach to making the diagnosis. Current Psychiatry, 1(7):20-28.
16. *McDougle CJ, Kem DL, **Posey DJ** (2002): Case series: Use of ziprasidone for maladaptive symptoms in youths with autism. J Am Acad Child Adolesc Psychiatry, 41(8):921-927.
17. ***Research Units on Pediatric Psychopharmacology Autism Network** (2002): Risperidone in children with autism and serious behavioral problems. New Engl J Med, 347:314-321.
18. **Posey DJ**, McDougle CJ (2002): Risperidone: A potential treatment for autism. Current Opinion in Investigational Drugs, 3(8):1212-1216.
19. *McDougle CJ, **Posey DJ** (2002): Genetics of childhood disorders: XLIV. Autism, part III: Psychopharmacology of autism. J Am Acad Child Adolesc Psychiatry, 41(11):1380-1383.
20. Stigler KA, **Posey DJ**, McDougle CJ (2003): Atypical antipsychotics in pediatric psychiatry: Efficacy and tolerability in well-designed trials. Child & Adolescent Psychopharmacology News, 8(1):8-11.
21. *McDougle CJ, Stigler KA, **Posey DJ** (2003): Treatment of aggression in children and adolescents with autism and conduct disorder. J Clin Psychiatry, 64(suppl 4):16-25.
22. McDougle CJ, **Posey DJ** (2003): Autistic and other pervasive developmental disorders. In Pediatric Psychopharmacology: Principles and Practice, Martin A, Scahill L, Charney D, Leckman JF (eds), Oxford University Press, New York, 563-579.
23. *Stigler KA, **Posey DJ**, McDougle CJ (2003): Drug therapy algorithms target autism's problem behaviors. Current Psychiatry, 2(4):33-48.
24. McDougle CJ, **Posey DJ**, Potenza MN (2003): Neurobiology of serotonin function in autism. In Autism Spectrum Disorders, Hollander E (ed), Marcel Dekker, New York, 199-220.
25. **Posey DJ**, McDougle CJ (2003): Use of atypical antipsychotics in autism. In Autism Spectrum Disorders, Hollander E (ed), Marcel Dekker, New York, 247-264.

26. *Sweeten TL, **Posey DJ**, McDougle CJ (2003): Increased blood monocyte counts and neopterin levels in children with autistic disorder. Am J Psychiatry, 160:1691-1693.
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URL:<http://www.pediatrics.org/cgi/content/full/112/5/e420>.
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29. *Sweeten TL, **Posey DJ**, Shankar S, McDougle CJ (2004): High nitric oxide production in autistic disorder: A possible role for interferon- α . Biol Psychiatry, 55:434-437.
30. *Stigler KA, Potenza MN, **Posey DJ**, McDougle CJ (2004): Weight gain associated with atypical antipsychotic use in children and adolescents: Prevalence, clinical relevance, and management. Pediatric Drugs, 6(1):33-44.
31. *Stigler KA, Desmond LA, **Posey DJ**, Wiegand RE, McDougle CJ (2004): A Naturalistic Retrospective Analysis of Psychostimulants in Pervasive Developmental Disorders. J Child Adolesc Psychopharmacol, 14(1):49-56.
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33. ***Posey DJ**, Puntney JI, Sasher TM, Kem DL, McDougle CJ (2004): Guanfacine treatment of hyperactivity and inattention in pervasive developmental disorders: A retrospective analysis of 80 cases. J Child Adolescent Psychopharmacol 14(2):233-241.
34. *Stigler KA, **Posey DJ**, McDougle CJ (July 2004): Are psychostimulants useful in pervasive developmental disorders? Current Psychiatry, 3(7):55-65.
35. Stigler KA, **Posey DJ**, McDougle CJ (2004): Pharmacotherapy of hyperactivity and inattention in pervasive developmental disorders. International Drug Therapy Newsletter, 39(8):57-60.
36. *Sweeten TL, **Posey DJ**, McDougle CJ (2004): Brief report: Autistic disorder in three children with cytomegalovirus infection. J Autism Dev Disorders, 34(5):583-586.

37. ***Posey DJ**, Kem DL, Swiezy NB, Sweeten TL, Wiegand RE, McDougale CJ (2004): A pilot study of D-cycloserine in autistic disorder. Am J Psychiatry, 161, 2115-2117.
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39. *Hazaray E, Ehret J, **Posey DJ**, Petti TA, McDougale CJ (2004): Case report: Intramuscular ziprasidone for acute agitation in adolescents. J Child Adolesc Psychopharmacol, 14(3):464-470.
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45. ***Research Units on Pediatric Psychopharmacology (RUPP) Autism Network** (2005): Randomized, controlled, crossover trial of methylphenidate in pervasive developmental disorders with hyperactivity. Arch Gen Psychiatry, 62:1266-1274.
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47. *Vitiello B, Davies M, Arnold LE, McDougale CJ, Aman M, McCracken J, Scahill L, Tierney E, **Posey DJ**, Swiezy NB, Koenig K (2005): Assessment of the

- integrity of study blindness in a pediatric clinical trial of risperidone. J Clin Psychopharmacol, 25:565-569.
48. *McDougle CJ, Erickson CA, Stigler KA, Posey DJ (2005): Neurochemistry in the pathophysiology of autism. J Clin Psychiatry, 66[suppl 10]:9-18.
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 50. *Erickson CA, Stigler KA, Corkins MR, **Posey DJ**, Fitzgerald JF, McDougle CJ (2005): Gastrointestinal factors in autistic disorder: A critical review. J Autism Dev Disorders, 35(6):713-727.
 51. McDougle CJ, **Posey DJ**, Stigler KA (2006): Pharmacologic treatments (Chapter 18). In Understanding Autism: From Basic Neuroscience to Treatment, Moldin SO, Rubenstein JLR (eds.), CRC Press, Boca Raton, FL, pp. 417-442.
 52. ***Posey DJ**, Erickson CA, Stigler KA, McDougle CJ (2006): The use of selective serotonin reuptake inhibitors in autism and related disorders. J Child Adolesc Psychopharmacol, 16 (1/2):181-186.
 53. *Williams SK, Scahill L, Vitiello B, Aman MG, Arnold LE, McDougle CJ, McCracken JT, Tierney E, Ritz L, **Posey DJ**, Swiezy NB, Hollway J, Cronin P, Ghuman J, Wheeler C, Cicchetti D, Sparrow S (2006): Risperidone and adaptive behavior in children with autism. J Am Acad Child Adolesc Psychiatry, 45(4):431-439.
 54. *Lecavalier L, Aman MG, Scahill L, McDougle CJ, McCracken JT, Vitiello B, Tierney E, Arnold LE, Ghuman JK, Loftin RL, Cronin P, Koenig K, **Posey DJ**, Martin A, Hollway J, Lee LS, Kau ASM (May 2006): The validity of the Autism Diagnostic Interview—Revised. Am J Ment Retard, 111(3):199-215.
 55. *Scahill L, McDougle CJ, Williams SK, Dimitropoulos A, Aman MG, McCracken J, Tierney E, Arnold LE, Cronin P, Grados M, Ghuman J, Koenig K, Langworthy-Lam K, McGough J, **Posey DJ**, Ritz L, Swiezy N, Vitiello B (September 2006): Children’s Yale-Brown Obsessive Compulsive Scale modified for pervasive developmental disorders. J Am Acad Child Adolesc Psychiatry, 45(9):1114-1123.
 56. *Lindsay RL, Arnold LE Aman MG, Vitiello B, **Posey DJ**, McDougle CJ, Scahill L, Pachler M, McCracken JT, Tierney E, Bozzolo BA (2006): Dietary status and impact of risperidone on nutritional balance in children with autism: a pilot study. Journal of Intellectual and Developmental Disability, 31(4):1-17.

57. *Erickson CA, Stigler KA, Posey DJ, McDougle CJ (2006): Managing maladaptive behaviors in Fragile X patients. Current Psychiatry, 5:80-92.
58. *Stigler KA, **Posey DJ**, McDougle CJ (2006): Ramelteon for insomnia in two youths with autistic disorder. J Child Adolesc Psychopharmacol, 16(5):631-636.
59. ***Posey DJ**, Wiegand RE, Wilkerson J, Maynard M, Stigler KA, McDougle CJ (2006): Open-label atomoxetine for attention-deficit/hyperactivity disorder symptoms associated with high-functioning pervasive developmental disorders. J Child Adolesc Psychopharmacol, 16(5):599-610.
60. *Scahill L, Aman MG, McDougle CJ, McCracken JT, Tierney E, Dziura J, Arnold LE, **Posey D**, Young C, Shah B, Ghuman J, Ritz L, Vitiello B (2006): A prospective open trial of guanfacine in children with pervasive developmental disorders. J Child Adolesc Psychopharmacol, 16(5):589-598.
61. *Sweeten TL, Taylor MW, **Posey DJ**, McDougle CJ (2006): Plasma kynurenine levels in autistic disorder. J Dev Phys Disabil, 18(4):419-426.
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63. ***Posey DJ**, Aman MG, McCracken JT, Scahill L, Tierney E, Arnold LE, Vitiello B, Chuang SZ, Davies M, Ramadan Y, Witwer A, Swiezy NB, Cronin P, Shah B, Carroll DH, Young C, Wheeler C, McDougle CJ (2007): Positive effects of methylphenidate on inattention and hyperactivity in pervasive developmental disorders: An analysis of secondary measures. Biol Psychiatry, 61:538-544.
64. *Anderson GM, Scahill L, McCracken JT, McDougle CJ, Aman MG, Tierney E, Arnold LE, Martin A, Katsovich L, **Posey DJ**, Shah B, Vitiello B (2007): Effects of short- and long-term risperidone treatment on prolactin levels in children with autism. Biol Psychiatry, 61:545-550.
65. *Erickson CA, **Posey DJ**, Stigler KA, Mullett J, Katschke AR, McDougle CJ (2007): A retrospective study of memantine in children and adolescents with pervasive developmental disorders. Psychopharmacology, 191:141-147.
66. *Tierney E, Aman MG, Stout DJ, Pappas K, Arnold E, Vitiello B, Scahill L, McDougle CJ, McCracken JT, Wheeler C, Martin A, **Posey DJ**, Shah B (2007): Parent satisfaction in a multi-site trial of risperidone in children with autism: A social validity study. Psychopharmacology, 191:149-157.
67. Erickson CA, Stigler KA, **Posey DJ**, McDougle CJ (2007): Psychopharmacology. In: Autism and Pervasive Developmental Disorders (2nd edition), Volkmar FR (ed.), Cambridge University Press, Cambridge, UK, 221-253.

68. Erickson CA, **Posey DJ**, Stigler KA, McDougale CJ (2007): Pharmacotherapy of Autism and Related Disorders. Psychiat Ann, 37(7):490-500.
69. Erickson CA, **Posey DJ**, Stigler KA, McDougale CJ (2007): Pharmacologic Treatment of Autism and Related Disorders. Pediatric Ann, 36(9):575-585.
70. **Posey DJ**, Stigler KA, Erickson CA, McDougale CJ (2007): Treatment of autism with antipsychotics. In: Clinical Manual for the Treatment of Autism, Hollander E, Anagnostou E (eds.), American Psychiatric Publishing, Inc., Arlington, VA, 99-120.
71. Erickson CA, Stigler KA, **Posey DJ**, McDougale CJ (2007): The psychopharmacology of Fragile X Syndrome. Int Drug Ther Newsl, 45(5):35-42.
72. Stigler KA, Erickson CA, **Posey DJ**, McDougale CJ (2007): Autism and other pervasive developmental disorders. In: Clinical Manual of Child and Adolescent Psychopharmacology, Findling RL (ed.), American Psychiatric Publishing, Inc., Arlington, VA, 265-300.
73. ***Posey DJ**, McDougale CJ (2007): Guanfacine and guanfacine extended release: Treatment for ADHD and related disorders. CNS Drug Rev, 13(4): 465-474.
74. ***Posey DJ**, Stigler KA, Erickson CA, McDougale CJ (2008): Antipsychotics in the treatment of autism. J Clin Invest, 118(1):6-14.
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76. *Aman MG, Hollway JA, McDougale CJ, Scahill L, Tierney E, McCracken JT, Arnold LE, Vitiello B, Ritz L, Gavaletz A, Cronin P, Swiezy N, Wheeler C, Koenig K, Ghuman J, **Posey DJ** (June 2008): Cognitive effects of risperidone in children with autism and irritable behavior. J Child Adolesc Psychopharmacol, 18(3): 227-236.
77. **Posey DJ**, McDougale CJ (October 2008): Treating autism spectrum disorders preface. Child Adolesc Psychiatr Clin N Am, 17(4):xv-xviii.
78. **Posey DJ**, Erickson CA, McDougale CJ (2008): Developing drugs for core social and communication impairment in autism. Child Adolesc Psychiatr Clin N Am, 17(4):787-801.
79. *Liu XQ, Paterson AD, Szatmari P, **The Autism Genome Project Consortium** (October 2008): Genome-wide linkage analyses of quantitative and categorical

autism sub-phenotypes. *Biol Psychiatry*, 64(7):561-70.

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81. *Nikolov RN, Bearss KE, Lettinga J, Erickson C, Rodowski M, Aman MG, McCracken JT, McDougle CJ, Tierney E, Vitiello B, Arnold LE, Shah B, **Posey DJ**, Ritz L, Scahill L (2009): Gastrointestinal symptoms in a sample of children with pervasive developmental disorders. *J Autism Dev Disord*, 39:405-413.
82. *Jahromi LB, Kasari CL, McCracken JT, Lee LS, Aman MG, McDougle CJ, Scahill L, Tierney E, Arnold LE, Vitiello B, Ritz L, Witwer A, Kustan E, Ghuman J, **Posey DJ** (2009): Positive effects of methylphenidate on social communication and self-regulation in children with pervasive developmental disorders and hyperactivity. *J Autism Dev Disord*, 39:395-404.
83. *McDougle CJ, Stigler KA, Erickson CA, **Posey DJ** (2009): Atypical antipsychotics in children and adolescents with autistic and other pervasive developmental disorders. *J Clin Psychiatry*, 69[suppl 4]:15-20.
84. *Glessner JT, Wang K, Cai G, Korvatska O, Kim CE, Wood S, Zhang H, Estes A, Brune C, Bradfield JP, Imielinski M, Frackelton E, Reichert J, Crawford EL, Munson J, Sleiman P, 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, Klevzon A, Silverman J, Bernier R, Levy SE, Dawson G, Owley T, McMahon WM, Wassink TH, Sweeney JA, Nurnberger JI, Coon H, Sutcliffe JS, Minshew NJ, Grant SFA, Bucan M, Cook EH, Buxbaum JD, Devlin B, Schellenberg G, Hakonarson H (May 2009) : Autism genome wide copy number variation reveals ubiquitin and neuronal genes. *Nature*, 459(7246):569-573.
85. *Stigler KA, Diener JT, Kohn AE, Li L, Erickson CA, **Posey DJ**, McDougle CJ (June 2009): A prospective, open-label study of aripiprazole in youth with pervasive developmental disorder not otherwise specified and Asperger's disorder. *J Child Adolesc Psychopharmacol*, 19(3): 265-274.
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of the P-glycoprotein gene (MDR1/ABCB1) on clinical response to guanfacine in children with pervasive developmental disorders and hyperactivity. J Child Adolesc Psychopharmacol 20(1)-1-5.

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95. **Posey DJ**, Lodin Z, Erickson CA, Stigler KA, McDougle CJ (2011): The neurochemistry of ASD (chapter 4). In The Neuropsychology of Autism, Fein DA (ed), Oxford University Press, New York, pp. 77-95.
96. *Stigler KA, Erickson CA, Mullett JE, **Posey DJ**, McDougle CJ (2010): Paliperidone for irritability in autistic disorder. J Child Adolesc Psychopharmacol, 20(1):75-8.
97. *Erickson CA, Stigler KA, **Posey DJ**, McDougle CJ (2010): Aripiprazole in autism spectrum disorders and fragile X syndrome. Neurotherapeutics, 7(3):258-63.
98. Blankenship, K., Stigler, K.A., Erickson, C.A., **Posey, D.J.**, McDougle, C.J.: Psychopharmacological treatment of autism. In Autism Spectrum Disorders, Amaral, D.G., Dawson, G., Geschwind, D.H. (eds), Oxford University Press, New York, pp. 1194-1212.
99. Stigler KA, Erickson CA, Posey DJ, McDougle CJ: Historical perspectives on the use of therapeutic agents to treat neurodevelopmental disorders. In Translational Neuroscience: Applications in Neurology, Psychiatry, and Neurodevelopmental Disorders, Barrett JE, Coyle JT, Williams M (eds), Cambridge University Press, New York, in press.
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101. *Erickson CA, Stigler KA, Wink LK, Mullett JE, Kohn A, **Posey DJ**, McDougle CJ (2011): A prospective open-label trial of aripiprazole in fragile X syndrome. Psychopharmacology, 216:85-90.
102. *Anney R, Kenny EM, O'Dushlaine C, Yaspan BL, Parkhomenka E, The Autism Genome Project, Buxbaum JD, Sutcliffe J, Gill, Gallagher L (2011): Gene-ontology enrichment analysis in two independent family-based samples highlights biologically plausible processes for autism spectrum disorders. Eur J Hum Gen, Epub ahead of print.
103. *Blankenship K, Erickson CA, Stigler KA, **Posey DJ**, McDougle CJ (2011): Guanfacine extended release in two patients with pervasive developmental disorders. J Child Adolesc Psychopharmacol, 21(3):287-290.
104. *Ho JG, Caldwell RL, McDougle CJ, Orsagh-Yentis DK, Erickson CA, **Posey DJ**, Stigler KA (2012): The effects of aripiprazole on electrocardiography in children with pervasive developmental disorders. J Child Adolesc Psychopharmacol, 22(4):277-83.
105. Blankenship K, Erickson CA, Stigler KA, **Posey DJ**, McDougle CJ: Psychopharmacological treatment of autism (chapter 69). In: Autism Spectrum Disorders Amaral D (Ed), in press.
106. *Vieland VJ, Hallmayer J, Huang Y, Pagnamenta A, Pinto D, Khan H, Monaco AP, Paterson AD, Scherer SW, Sutcliffe JS, Szatmari, **Autism Genome Project**: Novel method for combined linkage and genomewide association analysis finds evidence of distinct genetic architecture for two subtypes of autism. J Neurodev Disord, in press.

107. *Anney RJL, Heron EA, Segurado I, Kenny EM, O'Dushlaine C, Yaspan BL, Parkhomenka E, **The Autism Genome Project**, Buxbaum JD, Sutcliffe, Gill M, Gallagher L: Gene ontology enrichment analysis in two independent family-based samples highlights biologically plausible processes for ASD. Eur J Hum Gen, in press.
108. *McCracken JT, Aman, M, McDougle CJ, Scahill L, Tierney E, Arnold LE, **Posey DJ**, Whelan F, Chuang S, Vitiello B, and the Research Units on Pediatric Psychopharmacology Autism Network: Dopamine genes and weight in children with autism treated with risperidone. Am J Psychiatry, submitted.
109. *Szatmari P, Liu X-Q, Goldberg J, Zwaigenbaum L, Paterson AD, Woodbury-Smith M, Georgiades S, **The AGP Consortium**: Sex differences in repetitive stereotyped behaviours in autism: Implications for genetic liability. Biol Psychiatry, submitted.
110. *Anney, Heron, Segurado, Kenny, O'Dushlaine, Devlin, Yaspin, Sutcliffe, Ennis, Conroy, **AGP**, Gill, Gallagher: Gene pathways involved in neuron migration show enriched association signals in autism: evidence from the Autism Genome Project. Mol Psychiatry, submitted.
111. *McCracken JT, **Posey DJ**, Aman MG, Scahill L, Tierney E, Arnold LE, Vitiello B, Whelan F, Chuang SZ, Davies M, Shah B, McDougle CJ: Positive Effects of Methylphenidate On Hyperactivity Are Moderated by Variants of the Serotonin Transporter (*SLC6A4*) and Dopamine 3 Receptor Subtype (*DRD3*) Genes in Children with Autism Spectrum Disorders. Neuropsychopharmacology, submitted.
112. Casey J, ..., **Posey DJ**, ..., Ennis S: Homozygous Haplotype sharing reveals candidate genes in autism spectrum disorder. PNAS, submitted.
113. *Anney R, ...**Posey DJ**, ...Devlin B: Individual common variants exert weak effects on risk for autism spectrum disorders. *Hum Mol Gen*, submitted
114. *Stigler KA, Mullet JE, Erickson CA, **Posey DJ**, McDougle CJ: Paliperidone for irritability in adolescents and young adults with autistic disorder, in preparation.
115. *Aman MG, ..., **Posey DJ**,: Tolerability, Safety, and Efficacy of Risperidone in Children and Adolescents with Autism: Findings 21 Months Following an Acute Controlled Trial. In preparation.

*peer-reviewed

INVITED PRESENTATIONS:

1. "Prediction of Dangerousness," Psychiatry Grand Rounds, University of Vermont, Burlington, VT, March 22, 1996.
2. "Body Dysmorphic Disorder," Psychiatry Grand Rounds, University of Vermont, Burlington, VT, May 30, 1997.
3. "Nonverbal Learning Disabilities: A Case Report," Psychiatry Grand Rounds, Indiana University School of Medicine, Indianapolis, IN, January 16, 1998.
4. "Violence In Our Schools: A Mental Health Perspective," Lebanon Community School Corporation Professional Development Day, Lebanon, IN, November 24, 1999.
5. "New Directions in Autism Psychopharmacology," co-presenter at Psychiatry Grand Rounds entitled "The Diagnosis and Pharmacotherapy of Autistic and Other Pervasive Developmental Disorders," presented by Christopher J. McDougle, M.D., Indiana University School of Medicine, Indianapolis, IN, September 22, 2000.
6. "The Pharmacotherapy of Maladaptive Behaviors in Developmental Disabilities," Logansport State Hospital, Logansport, IN, October 11, 2000.
7. "Autism: Pharmacologic Approaches to Treatment," Institute of Psychiatric Research External Seminar Series, Indiana University School of Medicine, Indianapolis, IN, October 4, 2001.
8. "Medication in Young Children," Indiana State Early Childhood Special Education Coordinator's Meeting, Indianapolis, IN, October 16, 2001.
9. "Autism: Advances in Diagnosis and Treatment," Neurology Noon Lecture Series, Indiana University School of Medicine, Indianapolis, IN, November 13, 2001.
10. "Medications Used in the Treatment of Autism," Workshop for the Central Indiana Chapter of the Autism Society of Indiana, Indianapolis, IN, April 20, 2002.
11. "Ask the Doctor Series: Causes and Treatment of Autism," Breaking the Cycle XXIV Conference, Prevent Child Abuse Indiana, Indianapolis, IN, April 23, 2002.
12. "Pharmacological Treatment of Autism: An Update," Ohio Psychiatric Association Spring/Annual Meeting, Dayton, OH, April 27, 2002.
13. "Pervasive Developmental Disorders," Fifth Annual Mental Health Symposium, Indianapolis, IN, May 31, 2002.

14. "Practical Psychopharmacologic Treatment of Symptoms Associated with Autism," Autism Society of America 2002 National Conference on Autism Spectrum Disorders, Indianapolis, IN, July 20, 2002.
15. "Recent Advances in Pharmacologic Treatment of Autism: Focus on Target Symptoms," Interdisciplinary Council on Developmental and Learning Disorders International Conference on Autism and Disorders of Relating and Communicating, McLean, Virginia, November 9, 2002.
16. "What's New in Autism Research," Indiana Psychiatric Society General Meeting, Indianapolis, IN, February 20, 2003.
17. "A Pilot Study of D-Cycloserine in the Treatment of Autistic Disorder," paper session presented at the Society of Biological Psychiatry 2003 Annual Meeting, San Francisco, CA, May 17, 2003.
18. "Treatment of Serious Behavioral Problems associated with Autism," Sixth Annual Mental Health Symposium, Indianapolis, IN, May 30, 2003.
19. "The Autism Epidemic: A Clinician's Perspective," 6th Annual Indiana Rural Health Conference, French Lick, IN, June 13, 2003.
20. "Treating Aggression in Childhood Psychiatric Disorders," Michigan Council of Child Psychiatry Annual Meeting, Novi, MI, September 9, 2003.
21. "Medical Interventions for Autism," Autism Spectrum Disorder Symposium, Illinois State University, Normal, IL, September 18, 2003.
22. "PDD-NOS: Psychopharmacological Treatment," the 50th Anniversary Meeting of the American Academy of Child & Adolescent Psychiatry, Miami Beach, FL, October 18, 2003).
23. "Medical Evaluation and Differential Diagnosis of Autism," The Christian Sarkine Autism Treatment Center First Annual Conference, Indianapolis, IN, November 13, 2003.
24. "Psychopharmacology of Autism and Related Disorders," The Christian Sarkine Autism Treatment Center First Annual Conference, Indianapolis, IN, November 14, 2003.
25. "Effective Medication Treatment of Individuals with Autism," The Christian Sarkine Autism Treatment Center First Annual Conference, Indianapolis, IN, November 14, 2003.

26. "Treating Social Impairment: A Pilot Study of D-Cycloserine in Autistic Disorder," American College of Neuropsychopharmacology 42nd Annual Meeting, San Juan, Puerto Rico, December 11, 2003.
27. "Early Detection, Evaluation and Intervention of Autism," 39th Annual Indiana Multidisciplinary Child Care Conference, Indianapolis, IN, May 12, 2004.
28. "A Pilot Study of D-cycloserine in Autistic Disorder," poster presentation at Deans Grand Rounds, Indiana University School of Medicine, Indianapolis, IN, September 29, 2004.
29. "Polypharmacy in Childhood Psychiatric Disorders," Lutheran Children's Hospital Fall Pediatric Conference, Fort Wayne, IN, October 6, 2004.
30. "Methylphenidate in Autism: Results from the RUPP Autism Network," 51st Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Washington, DC, October 23, 2004.
31. "Psychopharmacology of Autism: An Update," Christian Sarkine Autism Treatment Center Second Annual Conference, Indianapolis, IN, November 12, 2004.
32. "Medication Interventions for Autism," Indiana Autism Coalition 2004 Conference, Indianapolis, IN, November 13, 2004.
33. "Autism in Children," Porter Pediatric Symposium, Valparaiso, IN, February 26, 2005.
34. "Dual Diagnosis: Going from Symptom to Solution," Dual Diagnosis Seminar sponsored by Easter Seals Arc of Northeast Indiana, Fort Wayne, IN, May 3, 2005.
35. "The Unmet Treatment Needs of Youth with Severe Behavioral Problems," Part of the Industry Supported Symposium entitled Management of Disruptive Behavioral and Pervasive Developmental Disorders, American Psychiatric Association 2005 Annual Meeting, Atlanta, GA, May 21, 2005.
36. "Diagnosis and Evaluation of the Child with Suspected Autism," 30th Annual Coleman Pediatric Symposium, St. Mary's Medical Center, Evansville, IN, September 8, 2005.
37. "Pharmacological Interventions for Children with Autism Spectrum Disorders," 30th Annual Coleman Pediatric Symposium, St. Mary's Medical Center, Evansville, IN, September 8, 2005.
38. "Psychopharmacology of Autism and Related Disorders," Advanced Psychopharmacology Institute at the 52nd Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Toronto, Ontario, Canada on October 18, 2005.

39. "Atypical Antipsychotics in the Treatment of Pervasive Developmental Disorders," 52nd Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Toronto, Ontario, Canada on October 21, 2005.
40. "Differential Diagnosis of the Autism Spectrum Disorders," Third Annual Conference of the Christian Sarkine Autism Treatment Center, Indianapolis, IN on November 10, 2005.
41. "Psychopharmacology of Autism and Related Disorders," Psychiatry Grand Rounds, Indiana University School of Medicine, Indianapolis, IN on December 9, 2005.
42. "Psychopharmacology of Autism and Related Disorders," The Third Annual Mission Possible Symposium: Afternoon with the Experts, NARSAD, Washington, D.C. on February 26, 2006.
43. "Open-label memantine in children and adolescents with pervasive developmental disorders," Poster Presentation at the New Clinical Drug Evaluation Unit (NCDEU) 46th Annual Meeting, Boca Raton, Florida, June 12-15, 2006.
44. "Autism: From Diagnosis to Treatment," Tenth Annual Clinical Aspects of Medical Psychiatry, Rockford, IL, October 5, 2006.
45. "Psychopharmacologic Treatment of Autism," Department of Psychology, DePauw University, Greencastle, IN, October 11, 2006.
46. "Comparison of Risperidone and Methylphenidate Effects on Hyperactivity in Autism," symposium presentation at the 53rd Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Diego, CA, October 27, 2006.
47. "Optimizing Management Strategies for Children with Autism: Focus on Safety," symposium presentation at the 19th Annual U.S. Psychiatric & Mental Health Congress Conference and Exhibition, New Orleans, LA, November 15, 2006.
48. "Methylphenidate in Pervasive Developmental Disorders: An Analysis of Secondary Measures," poster presentation at the American College of Neuropsychopharmacology 45th Annual Meeting, Hollywood, FL, December 4, 2006.
49. "Psychopharmacology of Autism and Related Disorders," Child Psychiatry Grand Rounds, Cincinnati Children's Hospital, Cincinnati, OH, December 13, 2006
50. "Psychopharmacology of Autism and Related Disorders," Psychiatry Grand Rounds, University of Cincinnati College of Medicine, Cincinnati, OH, December 13, 2006.

51. "Pharmacotherapy of Pervasive Developmental Disorders," Advanced Psychopharmacology for Clinical Practice Institute at the 54th Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Boston, MA, October 23, 2007.
52. "Autism: Recognition and Treatment," CHADD/MCCSC Conference, Bloomington, IN, November 10, 2007.
53. "Advanced Psychopharmacology for Pervasive Developmental Disorders," Christian Sarkine Autism Treatment Center Fifth Annual Conference, Indianapolis, IN, November 16, 2007.
54. "A double-blind placebo-controlled study of D-cycloserine in children with autistic disorder." Poster presentation at the American College of Neuropsychopharmacology 46th Annual Meeting, Boca Raton, FL, December 9-13, 2007.
55. "Panel Discussion of Down Syndrome and Autism Spectrum Disorder," Down Syndrome and Autism Spectrum Disorders: An Informational Event for Parents, Indianapolis, IN, March 1, 2008.
56. "Neurobiology and Pharmacological Treatment of Autism," Facing Autism Symposium, Indianapolis, IN, April 26, 2008.
57. "Treating Attention-Deficit/Hyperactivity Disorder Symptoms in Pervasive Developmental Disorders," Advances in Diagnosis and Treatment of Frequently Associated Comorbid Conditions in Youth with Pervasive Developmental Disorders, American Psychiatric Association Annual Meeting, Washington, DC, May 8, 2008.
58. "Psychopharmacology of Autism Spectrum Disorders Q & A," Helping Answer Needs by Developing Specialists in Autism Summer Training 2008, Indianapolis, IN, June 17, 2008.
59. "Developing Personalized Therapeutics for Hyperactivity in Autism," NARSAD/IU School of Medicine Healthy Minds Across America public forum, Indianapolis, IN, September 14, 2008.
60. "A Double-Blind Placebo-Controlled Study of D-Cycloserine in Children with Autistic Disorder," poster presentation at the 55th Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Chicago, IL, October 30, 2008.
61. "Open-Label Memantine in Children and Adolescents with Pervasive Developmental Disorders," Poster presentation at the American College of Neuropsychopharmacology 47th Annual Meeting, Scottsdale, AZ, December 7-11, 2008.

62. "Neurobiology of Autism," IV International Updating Course on Autism, Sao Paulo, Brazil, April 2, 2009.
63. "Pharmacological Treatment of Autism," IV International Updating Course on Autism, Sao Paulo, Brazil, April 2, 2009.
64. "Neurobiology of Autism," Psychiatry Grand Rounds, Indiana University School of Medicine, Indianapolis, IN, May 8, 2009.
65. "Antipsychotic Agents in the Treatment of Autism," symposium presentation, 9th World Congress of Biological Psychiatry, Paris, France, June 29, 2009.
66. "Autism: Underlying Diagnosis and Neurobiology" and "Pharmacological Treatment of Autism," two-part Keynote Address, Indiana Association of Behavioral Consultants (IN-ABC) Annual Conference, Indianapolis, IN, October 29, 2009.
67. "A Double-Blind, Placebo-Controlled Trial of Oral N-Acetylcysteine in Children with Autism Spectrum Disorders," poster presentation at the American College of Neuropsychopharmacology 48th Annual Meeting, Hollywood, FL, December 9, 2009.

GRANTS/RESEARCH SUPPORT (1999-2010):

NO1MH70001
 NIMH
 Research Units on Pediatric Psychopharmacology (RUPP) Autism and Other Pervasive Developmental Disorders.
 The major goal of this project is to study psychopharmacological agents in children and adolescents with pervasive developmental disorders.
 Project Direct Costs = \$846,457.
 Role: Co-investigator.

McDougle (PI)
 09/30/97-09/30/03

Industry-funded Clinical Trial
 Eli Lilly and Company
 Fluoxetine Versus Placebo in Childhood/Adolescent Depression.
 This is an industry-funded clinical trial of fluoxetine in children and adolescents with depression.
 Project Direct Costs = \$204,372.
 Role: Co-investigator

Bangs (PI)
 12/15/98-9/15/00

Young Investigator Award
 NARSAD
 A Pilot Study of D-Cycloserine for the Treatment of Target Symptoms Associated with Autistic Disorder.
 The major goal of this project is to conduct a preliminary study of the safety and efficacy of D-cycloserine in autism.

Posey (PI)
 07/01/00-02/28/03

Project Direct Costs = \$60,000.

F1D-MC-HGIN
Eli Lilly and Company
Olanzapine Versus Placebo in the Treatment of Adolescents with Schizophrenia.
This is an industry-sponsored clinical trial of olanzapine in adolescents with schizophrenia.
Project Direct Costs = \$3000.

Posey (PI)
11/26/02-08/04/03/03

RG1068-04
Repligen Corporation
A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multiple Dose Study to Assess the
Efficacy, Safety, and Tolerability of RG1068 (Synthetic Human Secretin) in Children with Autism.
This was a phase III clinical trial of RG1068 in autism.
Project Direct Costs = \$100,000.
Role: Co-investigator

McDougle (PI)
08/01/02-03/31/04

U10 MH066766
NIMH
RUPP-PI at Indiana University School of Medicine.
The major goal of this project is to study the affects of psychopharmacological agents and psychosocial interventions in children and adolescents with autism and related disorders.
Project Direct Costs = \$1,634,772.
Role: Co-investigator.

McDougle (PI)
09/15/02-07/31/07

Administrative Supplement to U10 MH066766
NIMH
Genetics of Autism Support
The major goal of this project is to gather DNA from children with autism for the purpose of establishing a central databank of genetic material available to researchers.
Project Direct Costs = \$200,000
Role: Co-investigator

McDougle (PI)
09/15/02-07/31/07

Young Investigator Award (Seaver Investigator)
NARSAD
A Randomized Controlled Trial of D-Cycloserine in Children and Adolescents with Autism.
The major goal of this project is to conduct a double-blind, placebo-controlled study of D-cycloserine in children and adolescents with autistic disorder.
Project Direct Costs = \$60,000

Posey (PI)
07/01/03-06/30/05

1 K23 MH68627
NIMH
Psychopharmacology of Autism and Related Disorders.
This Mentored Patient-Oriented Research Career Development Award focuses on the psychopharmacologic treatment of autism and related pervasive developmental disorders.

Posey (PI)
08/01/03-08/31/08

Project Direct Costs = \$816,002

Investigator Sponsored Trial
AstraZeneca

McDougle (PI)
10/01/03-09/30/04

A Retrospective Analysis of Quetiapine in the Treatment of Autism.

This major goal of this project is to review the effectiveness and tolerability of quetiapine in a large sample of children treated with this drug for autism.

Project Direct Costs = \$11,500.

Role: Co-investigator

B4Z-US-X006

Posey (PI)

Eli Lilly & Company

01/01/04-12/31/04

A Pilot Study of Atomoxetine for the Treatment of Inattention, Hyperactivity, and Impulsivity in Children and Adolescents with Pervasive Developmental Disorders.

The major goal of this investigator-initiated trial is to explore the efficacy and tolerability of atomoxetine in children with higher-functioning pervasive developmental disorders.

Project Direct Costs = \$46,800

Protocol 004

McDougle (PI)

PediaMed Pharmaceuticals, Inc.

06/01/05-04/30/06

Oral Human Immunoglobulin in Autism: A Randomized Phase II Trial to Evaluate the Safety and Efficacy of Oral Human Immunoglobulin in the Treatment of Gastrointestinal Dysfunction associated with Autistic Disorder in Pediatric Patients from 2 to 18 years of age.

Project Direct Costs = \$35,000

Role: Co-investigator.

Investigator-initiated Trial

McDougle (PI)

Bristol-Myers Squibb

03/01/04 -02/28/06

An Open-Label Study of Aripiprazole in Children and Adolescents with Asperger's disorder and pervasive developmental disorder not otherwise specified

The major goal of this trial is to conduct a pilot study of aripiprazole.

Project Total Costs = \$75,094

Role: Co-investigator

RO1 MH072964

McDougle (PI)

NIMH

07/01/05-06/30/10

Novel Pharmacological Strategies in Autism.

This project consists of a double-blind, placebo-controlled trial of aripiprazole for children and adolescents with autism and irritability. Responders will be treated with D-cycloserine to treat core social impairment.

Project Total Costs = \$1,609,690

Role: Co-investigator.

Pilot Study Research Award

Posey (PI)

Autism Speaks

12/15/06-12/14/08

A Pilot Study of Oral N-Acetylcysteine in Children with Autism Spectrum Disorders

The goal of this study is to examine the efficacy, tolerability, and safety of N-acetylcysteine in a placebo-controlled trial in 32 children and adolescents with autism spectrum disorders.

Project Total Costs = \$120,000

RO1 MH077600

Posey (PI)

NIMH

04/01/07-03/31/12

Targeted Pharmacologic Interventions for Autism

This project consists of a double-blind, placebo-controlled and open-label continuation study of atomoxetine for children and adolescents with autism and hyperactivity focusing on short- and long-term efficacy, tolerability, and pharmacogenetics.

Project Total Costs = \$1,874,958

W81XWH-09-1-0091

Posey (PI)

Department of Defense

03/01/09-03/31/14

A Randomized, Placebo-Controlled Trial of D-Cycloserine for the Enhancement of Social Skills Training in Pervasive Developmental Disorders

This research project is funded by a Department of Defense Institution-Based Award Program Contract to Clarian Health Partners. Dr. Posey is the scientific PI. The project consists of a double-blind, placebo-controlled trial of D-cycloserine given just prior to each weekly group social skills training session.

Total Costs = \$1, 786,961

MEM-MD-57A

Posey (PI)

Forest Laboratories, Inc.

01/15/09-01/14/13

An Open-label (Part One) and a Randomized, Double-blind, Placebo-Controlled (Part Two) Study of the Pharmacokinetics, Safety, Efficacy, and Tolerability of Memantine in Pediatric Patients with Autism

This is a multi-site Phase II industry-sponsored clinical trial.

Project Total Costs = \$64,138

RIS-NAP-4022

Posey (PI)

Johnson & Johnson

12/01/09-11/30/2014

Evaluation of growth, sexual maturation, and prolactin-related adverse events in the pediatric population exposed to atypical antipsychotic drugs.

The purpose of this observational study is to evaluate risk of prolactin-related adverse events (side effects) and the effects of risperidone compared with other atypical antipsychotic drugs on the physical maturity, growth and development of children exposed to these drugs.

Project Total Costs = \$49,438