CURRICULUM VITAE
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Academic Training

9/1993-6/1997	B.A.	Neuropsychology	Princeton University
6/1997-7/1999		Genetics, Molecular Biology	Foundation for Advanced Education in the Sciences (NIH Campus, Bethesda, MD)
8/2000-6/2005	M.D.	Medicine	Yale University School of Medicine
8/2006-6/2007		Genetic/ chronic disease epidemiology	Yale School of Epidemiology and Public Health

Positions

6/1997-7/1999	Intramural Research Training Award Fellow, National Institute of Mental Health, Child Psychiatry Branch, Bethesda, MD
7/2005-6/2006	Pediatric Internship, Yale-New Haven Hospital & Clinics, Yale University School of Medicine, New Haven, CT
7/2006-6/2011	Resident and Research Fellow, Albert J. Solnit Integrated Child, Adolescent and Adult Psychiatry/ Research Training Program (ACGME# 1089400C2), Yale Child Study Center and Department of Psychiatry, Yale University School of Medicine, New Haven, CT
7/2010-6/2012	Postdoctoral Research Fellow, NIMH T32 Fellowship, Yale Child Study Center, New Haven, CT
7/2012-6/2013	Instructor, Yale Child Study Center, New Haven, CT

7/2012-present	Attending, Tic Disorder/ Obsessive-Compulsive Disorder Specialty Clinic, Yale Child Study Center, New Haven, CT
7/2013-present	Assistant Professor, Yale Child Study Center & Department of Psychiatry, New Haven, CT

Licensure

8/2007	Connecticut (#045741)

Certification

4/2011	Psychiatry - American Board of Psychiatry and Neurology, Certificate # 62164
11/2012	Child & Adolescent Psychiatry - American Board of Psychiatry and Neurology, Certificate # 7643

Memberships in Professional Societies

American Academy of Child and Adolescent Psychiatry (AACAP)

American Society of Human Genetics (ASHG)

International College of Neuropsychopharmacology (CINP)

Hospital Appointments

12/2012-present	Yale-New Haven Hospitals & Clinics, New Haven, CT (Attending)
10/2012-present	Yale Medical Group, New Haven, CT
7/2012-present	VA Medical Center, West Haven, CT (Admitting Officer)
7/2005-6/2011	Yale-New Haven Hospitals & Clinics, New Haven, CT (Resident)
3/2008-present	Silver Hill Hospital, New Canaan, CT (Associate Medical Staff Officer)

Awards and Honors

1997	Cum Laude, Department of Psychology, Princeton University
2005	Farr Scholar Award, Yale University School of Medicine (for medical student research)

2005	Theodore Lidz Prize in Psychiatry, Yale University School of Medicine (for thesis, "Gene discovery in developmental neuropsychiatric disorders: clues from chromosomal rearrangements")
2006	American Academy of Child & Adolescent Psychiatry, Psychiatry Resident Award
2007-2009	NIH Pediatric Loan Repayment Award
2007	Donald J. Cohen Fellowship Program for International Scholars in Child & Adolescent Mental Health
2009	American Academy of Child & Adolescent Psychiatry Pilot Research Award for Junior Faculty and Child Psychiatry Fellows ("Genetic Investigation of Childhood Movement Disorders")
2009-2011	NIH Pediatric Loan Repayment Award (Competitive Renewal)
2010	Seymour L. Lustman Award for Psychiatric Research, Yale University Department of Psychiatry
2010-2012	National Research Service Award (NRSA) T32 Research Training Grant
2011-2013	NIH Pediatric Loan Repayment Award (Competitive Renewal)
2011	American College of Neuropsychopharmacology (ACNP) Travel Award
2011	Campaign for America's Kids/ American Academy of Child and Adolescent Psychiatry Annual Meeting Junior Scholar Award
2012	Yale Psychiatric Research Scholar, Department of Psychiatry and Child Study Center
2013-2016	NIH Pediatric Loan Repayment Award (Competitive Renewal)

Teaching Experience

2007-present	Donald J. Cohen Mentorship Program in Child & Adolescent Psychiatry, Yale Child Study Center
2007-present	Psychiatric Interview Instructor, Psychiatry Medical Student Clerkship, Department of Psychiatry, Yale University School of Medicine

2012-present Lecturer, Neurobiology Module, Child Psychiatry Fellowship, Yale Child Study Center

2013-present Lecturer, Interdepartmental Neuroscience Program, Yale University School of Medicine

Other Professional Activities

2004-2005 President, Yale Medical Student Psychiatric Association

2007 Program Committee, American Academy of Child and Adolescent Psychiatry Research Training Scientific Meeting (Chicago, IL)

2008-2010 Program Committee, American Academy of Child and Adolescent Psychiatry Annual Scientific Meeting (Honolulu, HI and New York, NY)

2008-present Ad Hoc Reviewer for: *American Journal of Human Genetics, American Journal of Medical Genetics: Neuropsychiatric Genetics, Autism Research and Treatment, Biological Psychiatry, Child Development, European Journal of Human Genetics, Frontiers in Neuroscience, Journal of the American Academy of Child and Adolescent Psychiatry, Journal of Autism and Developmental Disorders, Journal of Child and Adolescent Psychopharmacology, Journal of Medical Genetics, Journal of Neuroscience, Mental Illness, Movement Disorders, Nature Reviews Neurology, PeerJ, PLOS One, Psychiatric Genetics*

2012-2016 Review Editorial Board, *Frontiers in Child and Neurodevelopmental Psychiatry*

2016-present Chief Editor, *Frontiers in Child and Adolescent Psychiatry*

Fellowship and Grant Support

2006 NIMH R25 MH077823. Research Education for Future Physician-Scientists in Child Psychiatry (J. Leckman, PI). Funding intensive periods of research training while preparing physicians for independent careers in the investigation of childhood psychiatric disorders.
8/2/06-6/30/11

2008 American Academy of Child & Adolescent Psychiatry Pilot Research Award.
Genetic Investigation of Childhood Movement Disorders (T. Fernandez, PI). To study genetic copy number variation and linkage in complex motor

stereotypies.
11/1/08-10/30/09.

2010-2012 NIMH T32 MH018268. Training Program in Childhood Neuropsychiatric Disorders (J. Leckman, PI). Supporting a multidisciplinary post-doctoral research training program aimed at preparing physicians and other scientists for independent careers in the investigation of childhood neuropsychiatric disorders.
7/1/10-6/30/12

2012-2015 Simons Foundation Autism Research Initiative Pilot Research Award. Genetic Investigations of Motor Stereotypies (T. Fernandez, PI). To study rare single nucleotide variation, rare structural variation, biological networks and pathways underlying motor stereotypies in children with and without autism spectrum disorders.
7/1/12-6/30/15.

2012-2016 NIMH K08 MH099424-01. Genomics of Tourette's Disorder (T. Fernandez, PI). Supporting mentored research training to identify relevant risk genes, networks and pathways that will clarify the genetic architecture of TD and point to potential molecular targets for improving treatments.
9/1/12-8/31/16.

Bibliography

Peer Reviewed Articles

1. Colombo M, **Fernandez T**, Nakamura K, Gross CG (1998). Functional differentiation along the anterior-posterior axis of the hippocampus in monkeys. *Journal of Neurophysiology* 80(2):1002-1005.

2. Kumra S, Wiggs E, Krasnewich D, Meck J, Smith A, Bedwell J, **Fernandez T**, Jacobsen L, Lenane M, Rapoport J (1998). Brief report: association of sex chromosome anomalies with childhood-onset psychotic disorders. *Journal of the American Academy of Child and Adolescent Psychiatry* 37(3):292-296.

3. Nicolson R, Giedd JN, Lenane M, Hamburger S, Singaracharlu S, Bedwell J, **Fernandez T**, Thaker GK, Malaspina D, Rapoport JL (1999). Clinical and neurobiological correlates of cytogenetic abnormalities in childhood-onset schizophrenia. *American Journal of Psychiatry* 156(10):1575-9.

4. Nicolson R, Malaspina D, Giedd JN, Hamburger S, Lenane M, Bedwell J, **Fernandez T**, Berman A, Susser E, Rapoport JL (1999). Obstetrical complications and childhood-onset schizophrenia. *American Journal of Psychiatry* 156(10):1650-2.

5. Giedd JN, Jeffries NO, Blumenthal J, Castellanos FX, Vaituzis AC, **Fernandez T**, Hamburger SD, Liu H, Nelson J, Bedwell J, Tran L, Lenane M, Nicolson R, Rapoport JL (1999). Childhood-onset schizophrenia: progressive brain changes during adolescence. *Biological Psychiatry* 46(7):892-8.

6. **Fernandez T**, Yan WL, Hamburger S, Rapoport JL, Saunders AM, Schapiro M, Ginns EI, Sidransky E (1999). Apolipoprotein E alleles in childhood-onset schizophrenia. *American Journal of Medical Genetics: Neuropsychiatric Genetics* 88(2):211-3.

7. Rapoport JL, Giedd JN, Blumenthal J, Hamburger S, Jeffries N, **Fernandez T**, Nicolson R, Bedwell J, Lenane M, Zijdenbos A, Paus T, Evans A (1999). Progressive cortical change during adolescence in childhood-onset schizophrenia. A longitudinal magnetic resonance imaging study. *Archives of General Psychiatry* 56(7):649-54.

8. Nicolson R, Lenane M, Singaracharlu S, Malaspina D, Giedd JN, Hamburger SD, Gochman P, Bedwell J, Thaker GK, **Fernandez T**, Wudarsky M, Hommer DW, Rapoport JL (2000). Premorbid speech and language impairments in childhood-onset schizophrenia: association with risk factors. *American Journal of Psychiatry* 157(5):794-800.

9. Nicolson R, Lenane M, Hamburger SD, **Fernandez T**, Bedwell J, Rapoport JL (2000). Lessons from childhood-onset schizophrenia. *Brain Research Reviews* 31(2-3):147-56.

10. **Fernandez T**, Morgan T, Davis N, Klin A, Morris A, Farhi A, Lifton RP, State MW (2004). Disruption of contactin 4 (CNTN4) results in developmental delay and other features of 3p deletion syndrome. *American Journal of Human Genetics* 74(6):1286-1293. PMCID1182094

11. **Fernandez TV**, García-González IJ, Mason C, Hernández-Zaragoza G, Ledezma-Rodríguez VC, Anguiano-Alvarez VM, E'Vega R, Gutiérrez-Angulo M, Maya ML, García-Bejarano HE, González-Cruz M, Barrios S, Atorga R, López-Cardona MG, Armendariz-Borunda J, State MW, Dávalos NO (2008). Molecular characterization of a patient with 3p deletion syndrome and a review of the literature. *American Journal of Medical Genetics* 146A: 2746-2752.

12. **Fernandez T**, Morgan T, Davis N, Klin A, Morris A, Farhi A, Lifton RP, State MW (2008). Disruption of contactin 4 (CNTN4) results in developmental delay and other features of 3p deletion syndrome. *American Journal of Human Genetics* 82(6):1385. PMCID2661627

13. **Fernandez TV**, State MW, Davalos-Rodriguez NO (2010). 3p deletion and (skewed) literature review (reply). *American Journal of Medical Genetics Part A* 152A(4):1060.

14. Ercan-Sencicek AG, Stillman AA, Ghosh AK, Bilguvar K, O'Roak BJ, Mason CE, Gupta A, King RA, Pauls DL Tischfield JA, Heiman GA, Singer HS, Gilbert DL, Hoekstra PJ, Morgan TM, Loring E, Yasuno K, **Fernandez T**, Sanders S, Louvi A, Cho JH, Mane S, Colangelo CM, Biederer T, Lifton RP, Gunel M, State MW (2010). L-histidine decarboxylase and Tourette's syndrome. *New England Journal of Medicine* 362: 1901-8. PMCID2894694

15. Hoffman RE, **Fernandez T**, Pittman B, Hampson M (2011). Elevated functional connectivity along a corticostriatal loop and the mechanism of auditory/verbal hallucinations in patients with schizophrenia. *Biological Psychiatry* 69(5): 407-14.

16. Sanders SJ, Ercan-Sencicek AG, Hus V, Luo R, Murtha M, Moreno-De-Luca D, Chu SH, Moreau M, Gupta A, Thomson SA, Mason CE, Bilguvar K, Celestino-Soper PBS, Choi M, Crawford EL, Davis L, Davis-Wright NR, Dhodapkar RM, DiCola M, DiLullo NM, **Fernandez TV**, Fielding-Singh V, Fishman DO, Frahm S, Goh GS, Kammela S, Klei L, Lowe JK, Lund SC, McGrew AD, Meyer KA, Moffat WJ, O'Roak BJ, Ober G, Pottenger RS, Raubeson MJ, Song Y, Wang Q, Yaspan BL, Yu TW, Yurkiewicz I, Beaudet AL, Cantor RM, Grice DE, Günel M, Lifton RP, Mane SM, Martin DM, Shaw CA, Sheldon M, Tischfield JA, Walsh CA, Morrow EM, Ledbetter DH, Fombonne E, Lord C, Martin CL, Brooks AI, Sutcliffe J, Cook Jr EH, Geschwind D, Roeder K, Devlin B, State MW (2011). Multiple recurrent de novo copy number variations (CNVs), including duplications of the 7q11.23 Williams-Buren syndrome region, are strongly associated with autism. *Neuron* 70(5):863-885.

17. **Fernandez TV**, Sanders SJ, Yurkiewicz IR, Ercan-Sencicek AG, Kim YS, Fishman DO, Raubeson MJ, Song Y, Yasuno K, Ho WSC, Bilguvar K, Leckman JF, King RA, Gilbert DL, Heiman GA, Tischfield JA, Hoekstra PJ, Hakkonarson H, Mane SM, Gunel M, State MW (2012). Rare copy number variants in Tourette syndrome disrupt genes in histaminergic pathways and overlap with autism. *Biological Psychiatry* 71(5): 392-402. PMCID3282144

18. Scharf JM, Yu D, Matthews CA, […], **Fernandez TV**, […],Freimer N, Cox NJ, Pauls DL (2013). Genome-wide association study of Tourette syndrome. *Molecular Psychiatry* 18(6), 721-8. PMCID3605224

19. Hoffman RE, Wu K, Pittman B, Cahill JD, Hawkins KA, **Fernandez T**, Hannestad J (2013). Transcranial Magnetic Stimulation of Wernicke's and right homologous sites to curtail "voices": A randomized trial. *Biological Psychiatry* 73(10):1008-1014.

20. Vanderwal T, **Fernandez T** (2013). Data blitz debuts at the AACAP annual meeting. *Journal of Child and Adolescent Psychopharmacology* 23(5):306-7.

21. Bentley MJ, Lin H, **Fernandez TV**, Lee M, Yrigollen CM, Pakstis AJ, Katsovich L, Olds DL, Grigorenko EL, Leckman JF (2013). Gene variants associated with antisocial behaviour: a latent variable approach. *Journal of Child Psychology and Psychiatry* 54(10):1074-85.

22. Davis LK, Yu D, Keenan CL, Gamazon ER, […], **Fernandez TV**, […], Stewart SE, Mathews CA, Knowles JA, Cox NJ, Scharf JM (2013). Partitioning the heritability of Tourette syndrome and obsessive compulsive disorder reveals differences in genetic architecture. *PLoS Genetics*. Epub 2013 Oct 24.

23. Paschou P, **Fernandez TV**, Sharp F, Heiman GA, Hoekstra PJ (2013). Genetic susceptibility and neurotransmitters in Tourette syndrome. *International Review of Neurobiology* 112:155-77.

24. McGrath LM, Yu D, Marshall C, […], **Fernandez TV**, […], Pauls DL, Wang K, Scharf JM (2014). Copy number variation in Obsessive-Compulsive Disorder and Tourette Syndrome: A cross-disorder study. *Journal of the American Academy of Child & Adolescent Psychiatry* 53(8): 910-19.

25. Gupta AR, Pirruccello M, Cheng F, Kang HJ, **Fernandez TV**, Baskin JM, Choi M, Liu L, Ercan-Sencicek AG, Murdoch JD, Klei L, Neale BM, Franjic D, Daly MJ, Lifton RP, De Camilli P, Zhao H, Sestan N, State MW (2014). Rare deleterious mutations of the gene EFR3A in autism spectrum disorders. *Molecular Autism*. Apr 29;5:31.

26. Pauls DL, **Fernandez TV**, Mathews CA, State MW, Scharf JM (2014). The inheritance of Tourette disorder: A review. *Journal of Obsessive-Compulsive and Related Disorders* 3(4): 380-385.

27. Yu D, Mathews CA, Scharf JM, […], **Fernandez TV**, […], Knowles JA, Cox NJ, Pauls DL (2015). Cross-disorder genome-wide analyses suggest a complex genetic relationship

between Tourette's syndrome and OCD. *Am J Psychiatry* 172(1): 82-93.

28. Murdoch JD, Gupta AR, Sanders SJ, Walker MF, Keaney J, **Fernandez TV**, Murtha MT, Anyanwu S, Ober GT, Raubeson MJ, DiLullo NM, Villa N, Waqar Z, Sullivan C, Gonzalez L, Willsey AJ, Choe SY, Neale BM, Daly MJ, State MW (2015). No evidence for association of autism with rare heterozygous point mutations in contactin-associated protein-like 2 (CNTNAP2), or in other contactin-associated proteins or contactins. *PLoS Genet.* Jan 26;11(1):e1004852.

29. **Fernandez TV**, King RA, Pittenger C (2015). Tourette syndrome and translational clinical science. *Journal of the American Academy of Child & Adolescent Psychiatry* 54(1):6-8.

30. Dietrich A, **Fernandez TV**, King RA, State MW, Tischfield JA, Hoekstra PJ, Heiman GA, the TIC Genetics Collaborative Group (2015). The Tourette International Collaborative Genetics (TIC Genetics) study, finding the genes causing Tourette syndrome: objectives and methods. *European Child & Adolescent Psychiatry* 24(2):141-51.

31. Richer P, **Fernandez TV** (2015). Tourette syndrome: Bridging the gap between genetics and biology. *Molecular Neuropsychiatry* October:156-164.

32. Griesi-Oliveira K, Acab A, Gupta AR, Sunaga DY, Chailangkarn T, Nicol X, Nunez Y, Walker MF, Murdoch JD, Sanders SJ, **Fernandez TV**, Ji W, Lifton RP, Vadasz E, Dietrich A, Pradhan D, Song H, Ming GL, Gu X, Haddad G, Marchetto MC, Spitzer N, Passos-Bueno MR, State MW, Muotri AR (2015). Modeling non-syndromic autism and the impact of TRPC6 disruption in human neurons. *Molecular Psychiatry* 20(11): 1350-65.

33. **Fernandez TV** (2016). What makes you tic?: A new lead in Tourette syndrome genetics. *Biological Psychiatry* 79(5): 341-2.

34. Lennington J, Coppola G, Kataoka-Sasaki Y, **Fernandez TV**, Palejev D, Li Y, Huttner A, Pletikos M, Sestan N, Leckman J, Vaccarino F (2016). Transcriptome analysis of the human striatum in Tourette syndrome. *Biological Psychiatry* 79(5):372-82.

35. Cappi C, Brentani H, Lima L, Sanders SJ, Zai G, Diniz J, Reis VNS, Hounie AG, do Rosário MC, Mariani D, Requena GL, Puga R, Souza-Duran FL, Shavitt RG, Pauls DL, Miguel EC, **Fernandez TV** (2016). Whole-exome sequencing in obsessive-compulsive disorder identifies rare mutations in immunological and neurodevelopmental pathways. *Translational Psychiatry* 6: e76.

36. Abdulkadir M, Tischfield J, King RA, **Fernandez TV**, […], State MW, Heiman GA, Hoekstra PJ, Dietrich A (2016). Pre- and perinatal complications in relation to Tourette syndrome and co-occurring obsessive-compulsive disorder and attention-deficit/hyperactivity disorder. *Journal of Psychiatric Research* 82:126-135.

37. Leckman JL, **Fernandez TV** (2016). The origins of Tourette syndrome: prenatal risk factors and the promise of birth cohort studies. *Journal of the American Academy of Child & Adolescent Psychiatry*. 55(9):751-753.

38. **Fernandez TV**, Leckman JL (2016). Prenatal and perinatal risk factors and the promise of birth cohort studies: origins of obsessive-compulsive disorder. *JAMA Psychiatry*. Oct 5.

Abstracts / Posters

1. Graziano MSA, Gross CG, and **Fernandez TV** (1996). A comparison of bimodal, visual-tactile neurons in parietal area 7b and ventral premotor cortex of the monkey brain. *Society for Neuroscience Abstracts* 22: 398.

2. Colombo M, **Fernandez T**, Nakamura K, Gross CG (1998). Functional differentiation along the anterior-posterior axis of the hippocampus in monkeys. *European Journal of Neuroscience* 10: 142 Supp 10.

3. Nicolson R, Kumra S, Giedd J, **Fernandez T**, Bedwell J, Lenane M, Rapoport JL (1998). Clinical and biological correlates of cytogenetic abnormalities in childhood-onset psychosis. *Biological Psychiatry* 43 (8): 127S-128S.

4. Nicolson R, Hommer D, Thaker G, Brown M, Bedwell J, Lenane M, **Fernandez T**, Rapoport JL (1999). Smooth pursuit eye tracking in the relatives of patients with childhood-onset schizophrenia. *Schizophrenia Research* 36 (1-3): 93.

5. Nicolson R, Singaracharlu S, Lenane M, Giedd JN, Hamburger SD, Bedwell J, **Fernandez T**, Rapoport JL (1999). Premorbid impairments in childhood-onset schizophrenia: association with risk factors. *Biological Psychiatry* 45 (8S): 11S-12S.

6. Nicolson R, Giedd J, Malaspina D, Lenane M, **Fernandez T**, Bedwell J, Berman A, Susser E, Rapoport JL (1999). Obstetrical complications in childhood-onset schizophrenia. *Schizophrenia Research* 36 (1-3): 93.

7. Lewczyk CM, **Fernandez T**, Castellanos FX, Koprivica V, Kashani A, Tayebi N, Ginns EI, Rapoport JL, Sidransky E (1999). Lack of an association between dopamine transporter (DAT1) and ADHD. *Biological Psychiatry* 45 (8S1): 84S.

8. Castellanos FX, Lewczyk CM, **Fernandez T**, Koprivica V, Kashani A, Tayebi N, Ginns EI, Rapoport JL, Sidransky E (1999). Lack of an association between dopamine transporter (DAT1) & ADHD. *Molecular Psychiatry* 4 : S80.

9. **Fernandez T**, Lewczyk CM, Castellanos FX, Simonis T, Jacobsen LK, Rapoport JL (1999). HLA alleles in attention-deficit hyperactivity disorder. *Biological Psychiatry* 45 (8S1): 84S.

10. Nicholson R, Lenane M, Singaracharlu S, Bedwell J, Giedd JN, Hamburger SD, Thaker GK, Malaspina D, **Fernandez T**, Wudarsky M, Hommer DW, Rapoport JL (2000). Premorbid speech and language impairments in childhood-onset schizophrenia: association with risk factors. *Schizophrenia Research* 41 (1): 54.

11. State MW, Kwan K, Stillman A, **Fernandez T**, Morgan T, Davis N, Sestan N (2004). Characterization of contactin 4, a gene involved in mental retardation. *American Academy of Child and Adolescent Psychiatry Scientific Proceedings* 149.

12. **Fernandez T**, Klin A, Davis N, Koenig K, Farhi A, Volkmar F, State M (2004). Analysis of a balanced (4;11) translocation in three autistic siblings. *American Academy of Child and Adolescent Psychiatry Scientific Proceedings* 150.

13. Davis N, **Fernandez T**, Morgan T, State M (2004). A balanced reciprocaltranslocation t(4;11)(g25;p15) associated with autism: Molecular analysis of the chromosomal breakpoints. *Journal of the Association of Genetic Technologists* 30 (3): 107.

14. **Fernandez T**, Klin A, Davis N, Koenig K, State M (2007). Screening autism candidate genes based on a balanced translocation. *American Academy of Child and Adolescent Psychiatry Scientific Proceedings* 153.

15. Hoffman RE, Wu K, Fulbright R, Buchanan R, **Fernandez T**, Hawkins KA, Constable T, Hampson M (2008). Stereotactically positioned rTMS delivered to optimized Wernicke's and right superior temporal sites for auditory/verbal hallucinations. *Biological Psychiatry* 63 (7): 139S.

16. Hoffman RE, **Fernandez T**, Pittman B, Hampson M (2009). Elevated functional connectivity in a corticostriatal loop and the mechanism of auditory/verbal hallucinations in patients with schizophrenia. *Schizophrenia Bulletin* 35: 168-169.

17. **Fernandez T**, Sanders S, Mason C, Singer H, Hakonarson H, State MW (2009). Genetic Investigation of Complex Motor Stereotypies. *American Academy of Child and Adolescent Psychiatry Scientific Proceedings* 155.

18. **Fernandez TV**, Sanders SJ, Song Y, Leckman JF, King RA, Gilbert DL, Heiman GA, Tischfield JA, Hoekstra PJ, State MW (2011). Rare copy number variants in Tourette syndrome disrupt genes in histaminergic pathways and overlap with autism. *American Academy of Child and Adolescent Psychiatry Scientific Proceedings* 157.

19. **Fernandez TV**, Sanders SJ, Ercan-Sencicek AG, Song Y, Leckman JF, King RA, Gilbert DL, Heiman GA, Tischfield JA, Hoekstra PJ, State MW (2011). Rare copy number variants in Tourette syndrome disrupt genes in histaminergic pathways and overlap with autism. *50th Annual Meeting of the American College of Neuropsychopharmacology*.

20. Heiman GA, **Fernandez TV**, Hoekstra PJ, Dietrich A, King RA, State MW, Tischfield JA, and the TIC Genetics Team (2012). Searching for the genes of Tourette's: The Tourette International Collaborative Genetics (TIC Genetics) Study. *Annual Meeting of the American Society of Human Genetics*.

21. Coppola G, Lennington JB, Kataoka-Sasaki Y, **Fernandez T**, Palejev D, Li Y, Huttner A, Pletikos M, Sestan N, Leckman JF, Vaccarino FM. Integrative analysis of gene expression and rare single nucleotide variations in RNAseq data of the striatum in Tourette syndrome. *Society for Neuroscience Annual Meeting*. Washington, DC. November 18, 2014.

22. **Fernandez TV**, King RA, Heiman GA, Tischfield JA, State MW (2014). De novo genomic variation in Tourette's disorder. *53rd Annual Meeting of the American College of Neuropsychopharmacology*. Phoenix, AZ. December 9, 2014.

23. **Fernandez TV**, Gupta A, Richer P, Virdee M, Kline T, State MW, Singer HS (2015). De novo genomic variation in complex motor stereotypies. *54th Annual Meeting of the American College of Neuropsychopharmacology*. Hollywood, FL. December 9, 2015.

24. **Fernandez, TV**. Genetic investigations of a core phenotype for autism spectrum disorder. *Journal of the American Academy of Child & Adolescent Psychiatry* 55(10): S288.

Book Chapters

1. **Fernandez TV**, State MW (2007). Assessing Risk: Gene Discovery In Child Psychiatric Disorders. In A Martin & FR Volkmar (Eds), *Lewis's Child and Adolescent Psychiatry: A Comprehensive Textbook, Fourth Edition*. Philadelphia: Lippincott Williams & Wilkins.

2. Motlagh M, **Fernandez TV**, Leckman JF (2012). Tourette syndrome and related disorders. In J Nurnberger & W Berrettini (Eds), *Principles of Psychiatric Genetics*, New York: Cambridge University Press.

3. **Fernandez TV** (2013). Contactin 4; Epigenetic mechanisms; Genome Wide Association; Variable expressivity of genes; Zygosity. In F Volkmar (Ed), *The Encyclopedia of Autism Spectrum Disorders*, New York: Springer.

4. **Fernandez TV**, State MW (2013). Genetic susceptibility in Tourette syndrome. In D Martino & JF Leckman (Eds), *Tourette Syndrome*, Oxford: Oxford University Press.

5. Lennington JB, Coppola G, **Fernandez TV** (2015). Genetics of Tourette syndrome. In SA Schneider & JMT Brás (Eds), *Movement Disorder Genetics*, New York: Springer.

6. **Fernandez TV**, Leckman JF, Pittenger C (in press). Genetic susceptibility in obsessive-compulsive disorder. In DH Geschwind & HL Paulson (Eds), *Neurogenetics: Handbook of Clinical Neurology, 3rd Series*, Amsterdam: Elsevier.

7. **Fernandez TV**, State MW, Pittenger C (in press). Tourette's disorder and tic disorders. In DH Geschwind & HL Paulson (Eds), *Neurogenetics: Handbook of Clinical Neurology, 3rd Series*, Amsterdam: Elsevier.

8. **Fernandez TV**, Gupta AR, Hoffman EH (in press). Assessing Risk: Gene Discovery. In A Martin, MH Bloch and FR Volkmar (Eds), *Lewis's Child and Adolescent Psychiatry: A Comprehensive Textbook, Fifth Edition*, Philadelphia: Wolters Kluwers.

9. Gupta AR, Hoffman EH, **Fernandez TV** (in press). Genetics of autism spectrum disorders. In J Geddes, N Andreasen & G Goodwin (Eds), *New Oxford Textbook of Psychiatry, Third Edition*, Oxford, Oxford University Press.

Book Reviews

1. **Fernandez T**, State MW (2004). Genetics and Genomics of Neurobehavioral Disorders. *Journal of the American Academy of Child and Adolescent Psychiatry* 43 (3):370-371.

Invited Speaking Presentations

1. "The Gene Hunter." Annual meeting of the Donald J. Cohen Medical Student Training Program. Harvard Medical School, Boston, MA. January 27, 2007.

2. "Genetics in Autism Spectrum Disorders: Obstacles and Promising Alternatives for the Future." 13th International Congress of the European Society of Child & Adolescent Psychiatry. Florence, Italy. August 25, 2007.

3. "Genetic Variation in Tourette Syndrome." Yale Department of Psychiatry Grand Rounds. New Haven, CT. June 4, 2010.

4. "Lost In Translation: Challenges in Linking Basic Science with Clinical Practice in Psychiatry." 8th European Research Training Seminar in Child and Adolescent Psychiatry. Siena, Italy. November 21-26, 2010.

5. "Genetic Variation in Childhood Movement Disorders." Yale Child Study Center Grand Rounds. New Haven, CT. March 15, 2011.

6. "Rare Structural and Sequence Variation in Tourette Syndrome and Autism." 1st Joint Meeting of the European Network for the Study of Gilles de la Tourette Syndrome (EUNetGTS) and Enhancing the Scientific Study of Early Autism (ESSEA). Amsterdam, The Netherlands. December 14, 2011.

7. "Detecting Rare Structural Variants in Neuropsychiatric Disorders." Columbia University Seminar in Genetic Epidemiology. New York, NY. February 9, 2012.

8. "Update on the Genetics of Tourette Syndrome." Tourette Syndrome Association National Conference. Arlington, VA. April 20, 2012.

9. "New findings about the Genetics of Tourette Syndrome." University of São Paulo Department of Psychiatry Grand Rounds. São Paulo, Brazil. May 22, 2012.

10. "Previews from the Pipeline: A Data Blitz Featuring Early Career Investigators." American Academy of Child and Adolescent Psychiatry 59th Annual Meeting. San Francisco, CA. October 24, 2012.

11. "From Bedside to Bench: Translational Clinical Science and Tourette Syndrome." Yale Child Study Center Grand Rounds. New Haven, CT. January 15, 2013.

12. "Genomic Investigations of Tourette Disorder." Annual Meeting for the European Society for the Study of Tourette Syndrome / COST International Conference for Tourette Syndrome. Athens, Greece. April 26-27, 2013.

13. "Previews from the Pipeline: A Data Blitz Featuring Early Career Investigators." American Academy of Child and Adolescent Psychiatry 60th Annual Meeting. Orlando, FL. October 24, 2013.

14. "Next Generation Detection of Rare Genetic Variation in Tourette's Disorder." American Academy of Child and Adolescent Psychiatry 60th Annual Meeting. Orlando, FL. October 25, 2013.

15. "Rare Structural and Sequence Genetic Variation Tourette Syndrome." 1st Annual Meeting of the Molecular Psychiatry Association. San Francisco, CA. November 9, 2013.

16. "Whole-exome sequencing in OCD." 2nd Annual New England OCD Research Symposium, New Haven, CT. March 7, 2014.

17. "An Audacity of Imagination: Bench to Bedside Training of Clinician-Scientists in Children's Mental Health." Yale Child Study Center Grand Rounds. New Haven, CT. April 1, 2014.

18. "Gene Discovery in Developmental Neuropsychiatric Disorders." Lecture to Alexion Pharmaceuticals. New Haven, CT. June 25, 2014.

19. "Previews from the Pipeline: A Data Blitz Featuring Early Career Investigators." American Academy of Child and Adolescent Psychiatry 61st Annual Meeting. San Diego, CA. October 23, 2014.

20. "What Can Genetic Sequencing Teach Us About Psychiatric Disorders?" Yale Child Study Center Grand Rounds. New Haven, CT. February 24, 2015.

21. "Whole-Exome Sequencing Results From The Tourette International Collaborative Genetics Study." Columbia University Seminar in Genetic Epidemiology. New York, NY. March 12, 2015.

22. "De Novo Genomic Variation in Tourette's Disorder." 1st World Congress on Tourette Syndrome & Tic Disorders. London, UK. June 25, 2015.

23. "De novo likely gene disrupting mutations and genic copy number variants increase the risk for Tourette's Disorder." Platform presentation at the American Society of Human Genetics Annual Meeting. Baltimore, MD. October 7, 2015. http://bit.ly/TSdenovo

24. "Previews from the Pipeline: A Data Blitz Featuring Early Career Investigators." American Academy of Child and Adolescent Psychiatry 62nd Annual Meeting. San Antonio, TX. October 30, 2015.

25. "Genetic Investigations of Motor Stereotypies." American Academy of Child and Adolescent Psychiatry 62nd Annual Meeting. San Antonio, TX. October 31, 2015.

26. "Simple Genetics for Understanding Complex Disorders." Lurie Center for Autism Grand Rounds. Lexington, MA. November 12, 2015.

27. "Genetic Investigations of a Core Phenotype for Autism Spectrum Disorder." American Academy of Child and Adolescent Psychiatry 63rd Annual Meeting. New York, NY. October 26, 2016.