BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME	POSITION TITLE
Stephen V. Faraone, Ph.D.	Professor of Psychiatry and Director, Medical Genetics Research Center, SUNY Upstate Medical University
eRA COMMONS USER NAME FARAONES	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
State University of New York at Stony Brook	BA	1978	Psychology
University of Iowa	MA	1980	Clinical Psychology
University of Iowa	PhD	1982	Clinical Psychology
Brown University Program in Medicine		1983	Clinical Psychology
Brown University Program in Medicine		1984	Psychiatric Genetics

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

A. POSITIONS AND HONORS.

Professional Experience

1985-1989 Instructor in Psychiatry, Harvard Medical School at the Massachusetts Mental Health Center
1989-2004 Director of Research, Pediatric Psychopharmacology Unit, Massachusetts General Hospital
1989-2004 Staff Appointment in Psychology, Massachusetts General Hospital
1989-1993 Assistant Professor, Department of Psychiatry, Harvard Medical School
1992- Associate Editor, Neuropsychiatric Genetics
1993-2002 Associate Professor, Department of Psychiatry, Harvard Medical School
1999- Co-Editor, Neuropsychiatric Genetics
2000- Member, Journal of the American Academy of Child and Adolescent Psychiatry Panel of Biostatistical and Methodology Consultants.
2001- Associate Editor for Statistics and Methodology, Journal of Child and Adolescent Psychopharmacology
2002-2004 Clinical Professor of Psychiatry, Harvard Medical School
2003-2004 Professor in the Department of Epidemiology, Harvard School of Public Health
2004- Senior Scientific Advisor, Pediatric Psychopharmacology Unit, Massachusetts General Hospital
2004- Professor, Department of Psychiatry, SUNY Upstate Medical University
2004- Director, Genetics Research Program, SUNY Upstate Medical University
2005- Professor, Department of Neuroscience and Physiology, SUNY Upstate Medical University

Honors

2000 Eighth highest producer of High Impact Papers in Psychiatry (1990-1999) as determined by the Institute for Scientific Information (*Science*, 2000, Vol 288, pg 959).
2001 Pfizer Visiting Professor, Stanford University
2002 Inducted into the CHADD Hall of Fame in recognition of outstanding achievement in medicine and education research on attention disorders.
2003 Elected to Board of Directors, International Society of Psychiatric Genetics
2003 Janssen Distinguished Visiting Professor, University of Nebraska

B. Selected peer-reviewed publications (selected from 415 peer-reviewed articles)

1. Faraone S.V., Biederman J., and Monuteaux M. Toward guidelines for pedigree selection in genetic studies of attention deficit hyperactivity disorder. Genet Epidem, 2000, 18, 1-16.
2. Faraone SV, Biederman J, Mick E, et al.. A family study of girls with attention deficit hyperactivity disorder. Am J Psychiat 2000;157:1077-1083.
3. Faraone SV, Biederman J, Monuteaux MC. Attention deficit hyperactivity disorder with bipolar disorder in girls: further evidence for a familial subtype? J Aff Disorders 2001;64:19-26.

4. Faraone SV, Doyle AE, Mick E, and Biederman J. Meta-analysis of the association between the dopamine D4 gene 7-repeat allele and attention deficit hyperactivity disorder. Am J Psychiatry, 2001;158(7):1052-7.
5. Faraone SV, et al., Linkage of chromosome 13q32 to schizophrenia in a large veterans affairs cooperative study sample. Am J Med Genet. 2002 Aug 8;114(6):598-604.
6. Lyons MJ, Bar JL, Kremen WS, Toomey R, Eisen SA, Goldberg J, Faraone SV, Tsuang M. Nicotine and familial vulnerability to schizophrenia: a discordant twin study. J Abnorm Psychol. 2002 Nov;111(4):687-93
7. Faraone SV, Seidman LJ, et al. Structural brain abnormalities among relatives of patients with schizophrenia: implications for linkage studies. Schizophr Res. 2003 Apr 1;60(2-3):125-40.
8. Glatt SJ, Faraone SV, Tsuang MT. Association between a functional catechol o-methyltransferase gene polymorphism and schizophrenia; meta-analysis of case-control and family-based studies. Am J Psychiatry. 2003;Mar;160(3);469-76.
9. Qian Q, Wang Y, Zhou R, Li J, Wang B, Glatt S, Faraone SV. Family-based and case-control association studies of catechol-O-methyltransferase in attention deficit hyperactivity disorder suggest genetic sexual dimorphism. Am J Med Genet. 2003; April 1;118B(1):103-9.
10. Skol AD, Young KA, Tsuang DW, Faraone SV, et al. Modest evidence for linkage and possible confirmation of association between NOTCH4 and schizophrenia in a large Veterans Affairs Cooperative study sample. Am J Med Genet. 2003 Apr 1;118B(1):8-15.
11. Lewis CM, et al. Genome scan meta-analysis of schizophrenia and bipolar disorder, part II: Schizophrenia. Am J Hum Genet 2003;73:34-48.
12. Glatt SJ, Faraone SV, Tsuang MT. Meta-analysis identifies an association between the dopamine D2 receptor gene and schizophrenia. Mol Psychiatry. 2003 Nov;8(11):911-5
13. Glatt SJ, Faraone SV, Tsuang MT. Schizophrenia is not associated with DRD4 48-base-pair-repeat length or individual alleles: results of a meta-analysis. Biol Psychiatry. 2003 Sep 15;54(6):629-35.
14. Lowe N, et al. Joint Analysis of DRD5 Marker Concludes Association with ADHD Confined to the Predominantly Inattentive and Combined Subtypes. Am J Human Genetics 2004 74 (2):348-56.
15. Abdolmaleky, H. M., Faraone, S. V., Glatt, S. J., & Tsuang, M.T.. Meta-analysis of association between the T102C polymorphism of the 5HT2a receptor gene and schizophrenia. Schizophr Res 2004;67:53-62.
16. Faraone, S. V., Glatt, S. J., Su, J., & Tsuang, M. T. Three potential susceptibility Loci shown by a genome-wide scan for regions influencing the age at onset of mania. Am J Psychiatry 2004;161:625-30.
17. Glatt SJ, Faraone SV, Tsuang MT. DRD2-141C Insertion/Deletion Polymorphism is not Associated with Schizophrenia: Results of a Meta-Analysis. Am J Medical Genetics (Neuropsych Genetics) 2004 128 (1):21-3.
18. Faraone, SV, Su, J et al., A Novel Permutation Testing Method Implicates Sixteen Nicotinic Acetylcholine Receptor Genes as Risk Factors for Smoking in Schizophrenia Families, Human Heredity, 2004 57 (2):59-68.
19. Yang Li, Wang Yu-Feng, Li Jun, Faraone SV. Association of the Norepinephrine Transporter Gene (NET) with Methylphenidate Response J Am Acad Child Adolesc Psychiatry 2004; Sep 43(9):1154-1158.
20. Stone WS, Faraone SV, Su J, Tarbox SI, Van Eerdewegh P, Tsuang MT. Evidence of linkage between regulatory enzymes in glycolysis and schizophrenia in a multiplex sample. Am J Med Genet. 2004 128B(1):5-10.
21. Glatt, SJ, Wang, RS, Yeh, YC, Tsuang, MT and Faraone, S.V. Five NOTCH4 Polymorphisms show Weak Evidence for Association with Schizophrenia: Evidence from Meta-Analyses, Schizophrenia Research. 2005 73 (2-3):281-90.
22. Jun Li, Yufeng Wang, Rulun Zhou, Haobo Zhang, Li Yang, Bing Wang and Faraone SV. Association Between Tryptophan Hydroxylase Gene Polymorphisms and Attention Deficit Hyperactivity Disorder in Chinese Han Population. Neuropsychiatric Genetics 2006 141 (2):126-9.
23. Abdolmaleky HM, Cheng K-H; Russo A, Smith CL, Faraone SV, Wilcox M, Shafa R, Glatt S, Nguyen G, Ponte JF, Thiagalingam S, Tsuang MT. Hypermethylation of the Reelin (RELN) Promoter in the Brain of Schizophrenic Patients: A Preliminary Report. Am J Med Gen (Neuropsych Genetics) 2005 134B(1):60-66.
24. Faraone SV, Su J, Tsuang MT. A Genome-wide scan of symptom dimension in bipolar disorder pedigrees of adult probands. J Affect Disorders 2004 82 (suppl):S71-S78.
25. Faraone SV, Su J, Taylor L, Wilcox M, Van Eerdewegh P, and Tsuang MT. A novel permutation testing method implicates sixteen nicotinic acetylcholine receptor genes as risk factors for smoking in schizophrenia families. Hum Hered. 2004;57(2):59-68.

26. Faraone SV, Spencer T, Montano CB , Biederman J: Attention Deficit Hyperactivity Disorder in Adults: A Survey of Current Practice in Psychiatry and Primary Care. Arch. Internal Medicine 2004;164:1221-1226.
27. Sun L, Jin Z, Zang Y-F, Zeng Y-W, Liu G, Li Y, Seidman LJ, Faraone Sv, Wang Y-F. Differences between Attention-deficit Disorder with and without hyperactivity: A Preliminary 1H-magnetic resonance spectroscopy study. Brain Development. 2005 27(5):340-44.
28. Su JA, Faraone SV, Glatt SJ, Tsuang MT. Meta-Analysis of the Association between Two Polymorphisms in the Serotonin Transporter Gene and Affective Disorders. American Journal of Medical Genetics (Neuropsychiatric Genetics) 2005 133 (1):110-5.
29. McGrath M, Sullivan M, Devin J, Fontes-Murphy M, Barcelos S, Depalma J, Faraone S.V. Early precursors of low attention and hyperactivity in a preterm sample at age four 2005. Compr Pediatr Nurs 28(1):1-15.
30. Doyle AE, Willcutt EG, Seidman LJ, Biederman J, Chouinard VA, Silva J, Faraone SV. Attention-deficit/hyperacitivity disorder endophenotypes. Biol Psych 2005 June 1;57(22):1324-35.
31. Todd RD, Huang H, Smalley SL, Nelson SF, Willcutt EG, Pennington BF, Smith SD, Faraone SV, Neuman RJ. Collaborative analysis of DRD4 and DAT genotypes in population-defined ADHD subtypes. J Child Psychol Psychiatry. 2005 46(10):1067-73.
32. Zang YF, Jin Z, Weng XC, Zhang L, Zeng YW, Yang L, Wang YF, Seidman LJ, Faraone SV. Functional MRI in attention-deficit hyperactivity disorder: evidence for hypofrontality. Brain Dev. 2005 27(8):544-50.
33. Valera EM, Faraone SV, Biederman J, Poldrack RA, Seidman LJ. Functional neuroanatomy of working memory in adults with attention-deficit/hyperactivity disorder. Biol Psychiatry. 2005 57(5):439-47.
34. McQueen MB, Devlin B, Faraone SV, et al. Combined Analysis from Eleven Linkage Studies of Bipolar Disorder Provides Strong Evidence of Susceptibility Loci on Chromosomes 6q and 8q. Am J Hum Genet. 2005; Aug 15:77(4).
35. Doyle AE, Faraone SV, Seidman LJ, Willcutt EG, Nigg JT, Waldman ID, Pennington BF, Peart J, Biederman J. Are endophenotypes based on measures of executive functions useful for molecular genetic studies of ADHD? J Clin Psychol Psychiatry. 2005;Jul; 46(7):774-803.
36. Faraone SV, Asherson P, IMAGE Consortium. The Molecular Genetics of Attention Deficit Hyperactivity Disorder: A View from the IMAGE Project. Psychiatric Times. August 2005; Vol. XXII, Issue 9.
37. Faraone SV, Biederman J. What is the Prevalence of Adult Attention Deficit Hyperactivity Disorder?: Results of a Population Screen of 966 Adults. J Atten Disord. 2005 Nov;9(2):384-91.
38. Faraone SV, Skol AD, et al. Genome Scan of Schizophrenia Families in a Large Veterans Affairs Cooperative Study Sample: Evidence for Linkage to 18p11.32 and for Racial Heterogeneity on Chromosomes 6 and 14. American Journal Medical Genetics Neuropsychiatr Genet 2005; 139(1):91-100.
39. Biederman, J. and Faraone, S.V. Attention Deficit Hyperactivity Disorder, Lancet, 2005 Jul 16-22;366(9481):237-48.
40. Faraone SV, Biederman J, Mick E: The age-dependent decline of attention deficit hyperactivity disorder: a meta-analysis of follow-up studies. Psychol Med 2006; 36(2):159-65
41. Wang B, Wang Y, Zhou R, Li J, Qian Q, Yang L, Guan L, Faraone SV. Possible Association of the Alpha-2A-Adrenergic Receptor Gene (ADRA2A) with Symptoms of Attention-Deficit/Hyperactivity Disorder. Wang B, Wang Y, Zhou R, Li J, Qian Q, Yang L, Guan L, Faraone SV: Possible association of the alpha-2A adrenergic receptor gene (ADRA2A) with symptoms of attention-deficit/hyperactivity disorder. Am J Med Genet B Neuropsychiatr Genet 2006; 141(2):130-4
42. Hudziak JJ, Althoff RR, Derks EM, Faraone SV, Boomsma DI. Prevalence and genetic architecture of Child Behavior Checklist-juvenile bipolar disorder. Biol Psychiatry. 2005 Oct 1;58(7):562-8.
43. Smoller, JW, J Biederman, L Arbeitman, AE Doyle, J Fagerness, RH Perlis, P Sklar and SV Faraone (2005). Association Between the 5HT1B Receptor Gene (HTR1B) and the Inattentive Subtype of ADHD. Biol Psychiatry.
44. Faraone SV, Lasky-Su J, Glatt SJ, van Eerdewegh P, Tsuang MT. Early Onset Bipolar Disorder: Possible Linkage to Chromosome 9q34. Bipolar Disorders 2006 Apr; 8(2):144-51
45. Li J, Wang Y, Zhou R, Wang B, Zhang H, Yang L, Faraone SV. Association of Attention-Deficit/Hyperactivity Disorder with Serotonin 4 receptor gene polymorphisms in Han Chinese subjects. Neuroscience Letters 2006; 163(4): 716-723.
46. Lasky-Su J, Faraone S, Biederman J, Doyle AE, Wilens T, Monuteaux M, Smoller J, Sklar P. Family based association analysis of statistically derived quantitative traits for drug use in ADHD and the dopamine transporter gene. Addictive Behaviors (In Press).

47. Schmitz M, Denardin D, Silva TL, Panca T, Roman T, Hutz MH, Faraone SV, Rohde LA. Association between Alpha-2A-Adrenergic receptor gene and ADHD inattentive type. Biological Psychiatry (In Press).
48. Faraone SV, Hwu HG, et al. Genome scan of Han Chinese schizophrenia families from Taiwan: confirmation of linkage to 10q22.3. American Journal of Psychiatry (In Press).
49. Li J, Wang Y, Zhou R, Zhang H, Yang L, Wang B, Faraone SV. Association Between Tryptophan Hydroxylase Gene Polymorphisms and Attention Deficit Hyperactivity Disorder in Chinese Han Population.,2006; Am J Med Genet B Neuropsychiatr Genet 2006; 141(2):126-9.
50. Myles-Worsley M, Tiobech J. Blailes F, Yano V, Faraone S. Recurrence risk to offspring in extended multiplex schizophrenia pedigrees from a Pacific island isolate. Neuropsychiatric Genetics, 2006 (in press).

C. Research Support

Grants Completed during Past Three Years

Grants as Principal Investigator

Genetic Linkage Study of Children with ADHD (R01HD37694), 6/1/1999 - 5/31/2004
This project collected data from 300 sib-pair families suitable for genetic linkage studies. The data collection was completed and the genome scan will be completed by the Center for Inherited Disease Research in the spring of 2005.

An Ecogenetic Study of ADHD (R01 HD37999), 9/1/1999 - 6/30/2004
This project collected blood samples for DNA extraction from two ongoing longitudinal family studies of ADHD. The goal was to set up a DNA bank that would be a resource for studying gene environmental interaction in these samples. We are currently seeking funding to complete the molecular genetic and statistical analyses.

Current Grants

Grants as Principal Investigator
International Multi-Center ADHD Genetics Project (5 R01 MH62873-02), 9/6/02-7/31/07 The major goal of this project is to create a multi-site genetic linkage study of ADHD, which will provide data to the NIMH cell repository. The main aims of the proposed research are to ascertain a large sample of sib-pairs and discordant for ADHD; apply quantitative trait locus (QTL) linkage mapping to ADHD; and create a resource for the fine mapping of ADHD genes.
Validating Novel Familial Phenotypes (1 R01 DA018659), 10/1/04 – 9/30/09 The overall goal of this proposal is to use a multigenerational perspective and an extensive assessment of multiple domains of functioning to systematically and precisely develop familial SUD phenotypes that can be informative to genetic studies.
Collaborative ADHD Genetics Conference (R13MH59126-0641), 4/01/04-2/28/09 The major goal of this multi-year conference is to establish a forum for researchers to pursue collaborative studies of the molecular genetics of ADHD.
Searching for ADHD Susceptibility Genes (R01 MH668877-03), 6/1/02-5/31/06 The first goal of the proposal is to identify susceptibility variants in ADHD of the DRD4, DAT, DRD5, and 5HT1B genes and their implications. The second goal is to test the hypothesis that the gene variants, which predispose to ADHD, also predict greater persistence and adverse outcomes among ADHD children and their siblings.
ADHD: Genetics, Cognition, and Neuroimaging (R21 MH66191-03), 8/22/02-7/31/05 The major goal of this project is to establish a collaborative network of scientists who study the cognitive dysfunction and structural and functional brain abnormalities associated with ADHD with those who study the genetics of the disorder
Grants as Co- Investigator
Genetic Determinants of Bipolar Disorder (5 R01 MH63445-01 – Smoller), 5/1/03 - 3/31/08 The major goal of this project is to identify genes which influence bipolar disorder by examining candidate loci in regions previously linked to bipolar disorder. The study sample would be drawn from the large STEP-BD treatment study of bipolar disorder.
Translational Studies of Cycling in Bipolar Disorder (UCSD/subcontract - Faraone) 7/1/04 – 6/30/08 The goal of this work is to identify the genes that contribute to the emergence of bipolar disorder and regulate its most prominent features: mood cyclicity and switching. The identification of these genes may have numerous consequences for the future of bipolar disorder.