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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Jessica A.L. Su, D.Sc.	POSITION TITLE
	Research Assistant Professor
eRA COMMONS USER NAME	

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
Cornell University, Ithaca, NY	B.S.	1997	BIOMETRY AND STATISTICS
Purdue University	M.S.	1999	STATISTICS (EMPHASIS IN GENETICS)
Harvard School of Pubic Health	Sc. D.	2005	EPIDEMIOLOGY (CONCENTRATIONS IN PSYCHIATRIC, BIOSTATISTICS, AND 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

6-8/1997 Researcher, Mathematical and Theoretical Biology Program, Cornell University
6/1998 Program in Statistical Genetics, North Carolina State University
6-8/1999 Statistical Consultant, Purdue University
6-8/1999 Genetics Lab Technician, Purdue University
8/1997-8/1999 Graduate Student, Department of Statistics, Purdue University
8/1999-6/2000 Statistical Geneticist, Department of Medical Genetics, Indiana University
6/2000-9/2005 Statistical Geneticist, Department of Psychiatry, Harvard Medical School
9/2005-1/2006 Statistical Geneticist, Department of Psychiatry, Beth Israel Deaconess Medical Center
9/2005-present Statistical Consultant, Channing Laboratories, Harvard Medical School
1/2006-present Research Assistant Professor, Medical Genetics Research Center, SUNY Upstate Med. Univ.

HONORS

National Honors Society   1992-1993
Deans List   1994-1997
Graduated with honors, Cornell University   1997
Graduated with distinction (top 10 percent of graduating class), Cornell University 1997
Frederick N. Andrews Fellowship, Purdue University   1997-1999
NIMH training grant in psychiatric epidemiology, Harvard School of Public Health 2002-present
Harvard School of Public Health Research Day Winner March 13, 2004

B. PUBLICATIONS

Eriksson CJ, Fukunaga T, Sarkola T, et al. Functional relevance of human adh polymorphism. Alcohol Clin Exp Res 2001; 25:157S-163S.

Kirkwood SC, Su JL, Conneally P, Foroud T. Progression of symptoms in the early and middle stages of Huntington disease. Arch Neurol 2001; 58:273-8.

Nurnberger JI, Jr., Foroud T, Flury L, et al. Evidence for a locus on chromosome 1 that influences vulnerability to alcoholism and affective disorder. Am J Psychiatry 2001; 158:718-24.

Wilcox MA, Faraone SV, Su J, Van Eerdewegh P, Tsuang MT. Genome scan of three quantitative traits in schizophrenia pedigrees. Biol Psychiatry 2002; 52:847-54.

Faraone SV, Su J, Tsuang MT. A genome-wide scan of symptom dimensions in bipolar disorder pedigrees of adult probands. J Affect Disord 2004; 82 Suppl 1:S71-8.

Faraone SV, Su J, Taylor L, Wilcox M, Van Eerdewegh P, Tsuang MT. A novel permutation testing method implicates sixteen nicotinic acetylcholine receptor genes as risk factors for smoking in schizophrenia families. Hum Hered 2004; 57:59-68.

Faraone SV, Glatt SJ, Su J, Tsuang MT. 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.

Stone WS, Faraone SV, Su J, Tarbox SI, Van Eerdewegh P, Tsuang MT. Evidence for linkage between regulatory enzymes in glycolysis and schizophrenia in a multiplex sample. Am J Med Genet B Neuropsychiatr Genet 2004; 127:5-10.

Lasky-Su JA, Faraone SV, Glatt SJ, Tsuang MT. Meta-analysis of the association between two polymorphisms in the serotonin transporter gene and affective disorders. Am J Med Genet B Neuropsychiatr Genet 2005; 133:110-5.

McQueen M, Murphy A, Kraft P, et al. Comparison of Linkage and Association Strategies for Quantitative Traits using the COGA Dataset. Genetic Epidemiology 2005 6 Suppl:S96.

Murphy A, McQueen M, Su J, et al. Genomic Screening in Family Based Association Testing. Genetic Epidemiology. 2005 6Suppl:S96.

Takahashi S, Faraone SV, Lasky-Su J, Tsuang MT. Genome-wide scan of homogeneous subtypes of NIMH genetics initiative schizophrenia families. Psychiatry Res 2005; 133:111-22.

Van Steen K, McQueen MB, Herbert A, et al. Genomic screening and replication using the same data set in family-based association testing. Nat Genet 2005; 37:683-91.

Walder D, Seidman L, Cullen N, Su J, Tsuang M, Goldstein J. Sex Differences in Language Dysfunction in Schizophrenia. American Journal of Psychiatry (in press)

Lasky-Su, J., Faraone, S., Lange, C., Biederman, J., Tsuang, M., Doyle, A., Smoller, J., Laird, N. , and Sklar P. "Family based association analysis of a statistically derived quantitative trait for ADHD reveals an association in DRD4 with inattentive symptoms in ADHD individuals" submitted. *American Journal of Psychiatry*

Lasky-Su, J., Faraone, S., Lange, C., Biederman, J., Tsuang, M., Doyle, A., Smoller, J., Laird, N. , and Sklar P. "A study of how socioeconomic status moderates the relationship between SNPs encompassing BDNF and ADHD symptom counts in ADHD families." Arch Gen Psychiatry, submitted

Lasky-Su, J., Faraone, S., Lange, C., Biederman, J., Tsuang, M., Doyle, A., Smoller, J., Laird, N. , and Sklar P. "Evidence for an effect of the Dopamine D5 Receptor Gene on age of onset of ADHD" Biol Psychiatry submitted.

Lasky-Su J, Faraone SV, Lange C, Biederman J, Tsuang M, Doyle AE, et al. Family based association of statistically derived quantitative traits for ADHD reveal an association in DRD4 with inattentive symptoms in ADHD individuals. American Journal of Psychiatry submitted.

Vansteelandt S, Demeo DL, Su J, Smoller J, Murphy A, Celedon J, et al. A unifying approach for haplotype analysis of quantitative traits in family based association studies: Testing and estimating gene-drug/environment interactions with arbitrary exposure variables using inference (QBAT-E). American Journal of Human Genetics, submitted.

Murphy A, McQueen M, Raby B, Schneider K, Su J, Celedon J, et al. Screening and replication using the same data set: Testing strategies for family-based studies in which all probands are affected. American Journal of Human Genetics, submitted.

Lasky-Su J, Faraone SV, Biederman J, Doyle AE, Smoller J, Sklar P. Family based association analysis of the dopamine transporter and statistically derived quantitative traits for drug frequency. Addictions submitted.

Murphy A, McQueen M, Raby B, Schneider K, Su J, Celedon J, et al. Screening and replication using the same dataset: Testing strategies for family-based studies in which all probands are affected. Am J Human Gen, submitted.