

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel in the order listed for Form Page 2.  
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Kenneth S. Kendler		Professor, Psychiatry, Human Genetics	
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
University of California, Santa Cruz	BA	1972	Biology and Religion
Stanford School of Medicine, Stanford, CA	MD	1977	Medicine
Yale Univ School of Medicine, New Haven, CT		1980	Psychiatry
University of Birmingham, Birmingham, UK		1983	Biometrical Genetics

**A. Positions and Honors****Positions**

- 1980-1983 Assistant Professor, Mt. Sinai School of Medicine, Dept of Psychiatry, New York, NY  
 1981-1983 Research Associate, Bronx VA Med. Center, Mt. Sinai School of Medicine, Dept of Psychiatry, NY  
 1983-1987 Associate Professor, Depts. Of Psychiatry and Human Genetics, Medical College of Virginia of Virginia Commonwealth University, Richmond, VA  
 1987-present Associate Professor, Depts of Psychiatry and Human Genetics, Medical College of Virginia  
 1996-present Director, Virginia Institute for Psychiatric and Behavioral Genetics (with L.J. Eaves)

**Honors**

- 1984-1987 Member, American Psychiatric Association Work Group to Revise DSM-III  
 1988- Member, American Psychiatric Association Task Force on DSM-IV  
 1995 Lieber Prize for Outstanding Research in Schizophrenia (NARSAD)  
 1995- Member, Scientific Council, National Alliance for Research on Schizophrenia & Depression (NARSAD)  
 1996- Member, National Institute of Mental Health Intramural Research Program (IRP) Planning Committee  
 1997 Anna-Monika Foundation, 1st Prize for outstanding contributions to research on depression  
 1998 Stanley R. Dean Award, Amer Coll Psych, for major contributions to understanding schizophrenia disorders  
 1998 Kurt Schneider Scientific Award for exceptional scientific achievement in schizophrenia  
 1999 Honorary Doctor of Science from The University of Birmingham, Birmingham, England  
 1999 Member, Institute of Medicine, National Academy of Science  
 2000 Science Watch: 2nd most frequently cited author of high-impact papers in psychiatry, 1990-98  
 2000 Edward Strecker Award for outstanding contributions to psychiatric care and treatment  
 2001 Fundacion Castillo del Pino Award for outstanding achievement in psychiatry  
 2001 Edward J. Sachar Award for outstanding contributions to psychiatric research  
 2001 Thomas Salmon Lecturer Award for distinguished service in psychiatry

**B. Selected Peer-Reviewed Publications**

*Dr. Kendler has participated in the preparation and publication of over 380 papers, chapters and reviews, of which the following are a sample:*

- Kendler KS, Neale MC, Thornton LM, Aggen SH, Gilman SE, Kessler RC (2002) Cannabis use in the last year in a US national sample of twin and sibling pairs. *Psychol Med* **32**:551-554  
 Kendler KS, Gardner CO, Prescott CA (2002) Toward a comprehensive developmental model for major depression in women. *Am J Psychiatry* **159**:1133-1145  
 Kendler KS, Prescott CA, Jacobson K, Myers J, Neale MC (2002) The joint analysis of personal interview and family history diagnoses: evidence for validity of diagnosis and increased heritability estimates. *Psychol Med* **32**:829-842

- Kendler KS (2002) Hierarchy and heritability: the role of diagnosis and modeling in psychiatric genetics. *Am J Psychiatry* **159**:515-518
- Levinson DF, Holmans PA, ..., Kendler KS, Mallet J, Crowe RR, Walters M(2002) No major schizophrenia locus detected on chromosome 1q in a large multicenter sample. *Science* **296**:739-741
- Straub RE, Jiang Y, MacLean CJ, Ma Y, Webb BT, Myakishev MV, Harris-Kerr C, Wormley B, Sadek H, Kadambi B, Cesare AJ, Gibberman A, Wang X, O'Neill FA, Walsh D, Kendler KS(2002) Genetic variation in the 6p22.3 gene DTNBP1, the human ortholog of the mouse dysbindin gene, is associated with schizophrenia. *Am J Hum Genet* **71**:337-348
- Bulik CM, Sullivan PF, Kendler KS (2003) Genetic and environmental contributions to obesity and binge eating. *Int.J.Eat.Disord.* **33**:293-298
- Foley DL, Neale MC, Gardner CO, Pickles A, Kendler KS (2003) Major depression and associated impairment: same or different genetic and environmental risk factors? *Am.J.Psychiatry* **160**:2128-2133
- Hettema JM, Prescott CA, Kendler KS (2003) The effects of anxiety, substance use and conduct disorders on risk of major depressive disorder. *Psychol.Med.* **33**:1423-1432
- Hettema JM, Annas P, Neale MC, Kendler KS, Fredrikson M (2003) A twin study of the genetics of fear conditioning. *Arch.Gen.Psychiatry* **60**:702-708
- Kendler KS, Jacobson KC, Prescott CA, Neale MC (2003) Specificity of genetic and environmental risk factors for use and abuse/dependence of cannabis, cocaine, hallucinogens, sedatives, stimulants, and opiates in male twins. *Am.J.Psychiatry* **160**:687-695
- Kendler KS (2003) Of genes and twins. *Psychol.Med.* **33**:763-768
- Kendler KS, Aggen SH, Jacobson KC, Neale MC (2003) Does the level of family dysfunction moderate the impact of genetic factors on the personality trait of neuroticism? *Psychol.Med.* **33**:817-825
- Kendler KS, Prescott CA, Myers J, Neale MC (2003) The structure of genetic and environmental risk factors for common psychiatric and substance use disorders in men and women. *Arch.Gen.Psychiatry* **60**:929-937
- Kendler KS, Gardner CO, Prescott CA (2003) Personality and the experience of environmental adversity. *Psychol.Med.* **33**:1193-1202
- Kendler KS, Liu XQ, Gardner CO, McCullough ME, Larson D, Prescott CA (2003) Dimensions of religiosity and their relationship to lifetime psychiatric and substance use disorders. *Am.J.Psychiatry* **160**:496-503
- Kendler KS, Hettema JM, Butera F, Gardner CO, Prescott CA (2003) Life event dimensions of loss, humiliation, entrapment, and danger in the prediction of onsets of major depression and generalized anxiety. *Arch.Gen.Psychiatry* **60**:789-796
- Kendler KS (2003) The genetics of schizophrenia: chromosomal deletions, attentional disturbances, and spectrum boundaries. *Am.J.Psychiatry* **160**:1549-1553
- Lewis CM, Levinson DF, .... Kendler KS, .... Helgason T (2003) Genome scan meta-analysis of schizophrenia and bipolar disorder, part II: Schizophrenia. *Am.J.Hum.Genet.* **73**:34-48
- Nicolson R, Brookner FB, Lenane M, Gochman P, Ingraham LJ, Egan MF, Kendler KS, Pickar D, Weinberger DR, Rapoport JL (2003) Parental schizophrenia spectrum disorders in childhood-onset and adult-onset schizophrenia. *Am J Psychiatry* **160**:490-5
- Reichborn-Kjennerud T, Bulik CM, Kendler KS, Roysamb E, Maes H, Tambs K, Harris JR (2003) Gender differences in binge-eating: a population-based twin study. *Acta Psychiatr.Scand.* **108**:196-202
- Sanathara VA, Gardner CO, Prescott CA, Kendler KS (2003) Interpersonal dependence and major depression: aetiological inter-relationship and gender differences. *Psychol.Med.* **33**:927-931
- Sullivan PF, Neale BM, Neale MC, van den OE, Kendler KS (2003) Multipoint and single point non-parametric linkage analysis with imperfect data. *Am.J.Med.Genet.* **121B**:89-94
- Sullivan PF, Kovalenko P, York TP, Prescott CA, Kendler KS (2003) Fatigue in a community sample of twins. *Psychol.Med.* **33**:263-281
- Sullivan PF, Kendler KS, Neale MC (2003) Schizophrenia as a complex trait: evidence from a meta-analysis of twin studies. *Arch.Gen.Psychiatry* **60**:1187-1192
- van den Oord EJ, Sullivan PF, Jiang Y, Walsh D, O'Neill FA, Kendler KS, Riley BP (2003) Identification of a high-risk haplotype for the dystrobrevin binding protein 1 (DTNBP1) gene in the Irish study of high-density schizophrenia families. *Mol.Psychiatry* **8**:499-510
- van den Oord EJ, Jiang Y, Riley BP, Kendler KS, Chen X (2003) FP-TDI SNP scoring by manual and statistical procedures: a study of error rates and types. *Biotechniques* **34**:610-20, 622

**C. Research Support****Active**

R01 AA11408 Prescott (PI) 09/01/02 - 08/31/06 Co-I

NIH/NIMH/NIAAA

An Irish Affected Sib Pair Study of Alcohol Dependence

The goal of this project is to detect the genomic location of susceptibility loci (SL) for alcoholism.

R25 CA93423 Fries (PI) 09/01/02 - 08/31/07 Co-I

NIH/NCI

Pre- & Post-doctoral Training Program in Cancer Control

This application seeks support for a team-oriented, multidisciplinary and collaborative training program for 4 pre-doctoral and 4 post-doctoral research positions in cancer control, including public health, prevention, genetic and clinical research.

T32 MH20030 Neale (PI) 07/01/99 - 06/30/04 Co-I

NIH/NIMH

Research Training in Psychiatric and Statistical Genetics

This application requests five years of support for an Institutional National Research Service Award to support multidisciplinary training in Psychiatric and Behavioral Genetics.

R01 MH41953 Kendler (PI) 04/01/99 - 02/28/04 PI

NIH/NIMH

The Genetic Epidemiology of Schizophrenia in Ireland

This is a competitive renewal that seeks support to critically extend the Irish Study of High Density Schizophrenia Families by collecting 500 proband-parent triads for family-based association studies.

R01 MH45712 Asarnow (PI) 04/01/00 - 03/31/05 subcontract PI

NIH/NIMH

Familial Psychiatric Disorder & Attention in Schizophrenia

This project will replicate and extend important findings from the first phase of this project indicating that there is a significantly increased familial aggregation of schizophrenia, schizophrenia spectrum personality disorders, and a certain neurocognitive impairments in families of probands with childhood-onset schizophrenia compared to families of community control and adult on-set schizophrenia probands.

R01 MH/AA49492 Kendler (PI) 12/01/01 - 11/30/05 PI

NIH/NIMH

The Epidemiology of Mood, Anxiety and Alcohol Disorders

This proposal, which is a competitive renewal of a large-scale, population based, longitudinal study of female-female, male-male and male-female twin pairs ascertained through the birth certificate based Virginia Twin Registry, requests funds to support further data analysis focused on understanding sex differences in risk for MD.

R01 MH49716 Nuechterlein (PI) 12/01/01 - 11/30/06 subcontract PI

NIH/NIMH

The Transmission of Vulnerability Factors for Schizophrenia (Subcontract)

This is a competitive renewal that is designed to test key hypotheses regarding the transmission of factors believed to contribute to proneness to schizophrenia.

R01 MH62368 Silberg (PI) 09/28/01 - 08/31/06 Co-I

NIH/NIMH

Parental Effects on Depression and Disruptive Behavior in Children of Twins

The major goal of this study is to analyze the non-genetic contributions of family background to risk to childhood and adolescent depression.

R01 MH65320 Van den Oord (PI) 12/01/02 - 11/30/05 Co-I  
 NIH/NIMH  
 Candidates Genes in Models of Mental Health  
 The overall aim of this project is to facilitate the integration of measured genotypes in etiological models of behavioral traits and psychiatric disorders.

R01 MH65322 Neale (PI) 02/01/03 - 01/31/08 Co-I  
 NIH/NIMH  
 Psychopathology: Models, Measurement and Classification  
 The long term goals of the project are to improve the efficiency of measurement, nosology, and knowledge of the etiology of common psychiatric disorders and their ubiquitous comorbidity.

VTSF #8520012 Kendler (PI) 12/01/01 - 06/30/04 PI  
 Virginia Tobacco Settlement Foundation  
 Candidate Genes for Nicotine Dependence in Humans  
 The goal is to identify and characterize the individual genes that determine vulnerability to nicotine dependence

### **Completed**

(reduced to grant numbers because of space constraints)

R01 MH62276 Levinson (PI) 09/01/00 - 08/31/03 Co-I  
 R01 DA11287 Kendler (PI) 06/15/98 - 05/30/03 PI  
 R01 AA11408 Kendler (PI) 09/25/97 - 08/31/02 PI  
 R01 DA010228 Kendler (PI) 09/30/95 - 07/31/01 PI  
 R24 MH54150 Kendler (PI) 09/01/96 - 08/31/02 PI  
 R29 MH55557 Silberg (PI) 08/01/97 - 07/31/02 Co-I

### **Pending**

R01MH068881 Levinson (PI) 09/01/03 - 08/31/07 Co-I  
 NIH/NIMH  
 Multicenter Genetic Studies of Schizophrenia  
 Collaborative, multicenter study of schizophrenia undertaking new full genome scan in collaborative sample as well as continued genotyping of markers in suggested linkage regions for schizophrenia.

R01 MH41953 Kendler (PI) 12/01/03 - 11/31/08 PI  
 NIH/NIMH  
 The Genetic Epidemiology of Schizophrenia in Ireland  
 The aim is to screen two known high-risk haplotypes identified in two high-risk samples for causal variation and to catalog numerous human populations and primate lineages for the associated regions. Variants identified would be assessed for functionality.

R01 MH41953 Kendler (Co-PI) 12/01/02 - 03/31/04 Co-PI  
 NIH/NIMH Supplement  
 The Genetic Epidemiology of Schizophrenia in Ireland  
 The aim is sequence high and low risk haplotype groups to identify causal mutations in the dystrobrevin gene on chromosome 6

T32 MH20030 Neale (PI) 07/01/04 - 06/30/09 PI  
 NIH/NIMH  
 Research Training in Psychiatric and Statistical Genetics  
 This application requests five years of support for an Institutional National Research Service Award to support multidisciplinary training in Psychiatric and Behavioral Genetics.