

# Curriculum Vitae

## 1. Personal Information

Name Michael Churton Neale  
Date of Birth March 10, 1958  
Place of Birth Amersham, England  
Citizenship British; United States Permanent Resident  
Marital status Married with six children  
Home address 2404 Hawkesbury Court, Richmond, Virginia 23233  
Office address Department of Psychiatry, Box 980126, Virginia Commonwealth University,  
Richmond, Virginia 23298-0126, USA  
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## 2. Licensure

Not applicable

## 3. Education

1985 Ph.D. Psychology, Institute of Psychiatry, University of London  
1980 B.Sc. Psychology, Psychology Bedford College, University of London.

## 4. Military Service Record

None

## 5. Postdoctoral Training

1986-1988 Research Associate, Department of Human Genetics, Virginia Commonwealth University  
1985-1986 Research Lecturer, Institute of Psychiatry, University of London

## 6. Academic Appointments and Work Experience

2005-pres Associate Director, Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University  
2003-pres Professor, Department of Biological Psychology, Free University of Amsterdam, The Netherlands  
2000-pres Professor, Departments of Psychiatry, Human Genetics and Psychology, Virginia Commonwealth University  
1998-2000 Associate Professor, Departments of Psychiatry, Human Genetics and Psychology, Virginia Commonwealth University  
1992-1998 Associate Professor, Departments of Psychiatry and Psychology, Virginia Commonwealth University  
1989-1992 Assistant Professor, Departments of Human Genetics and Psychology, Virginia Commonwealth University

- 1988-1989 Assistant Professor, Department of Human Genetics, Medical College of Virginia, Virginia Commonwealth University
- 1986-1988 Research Associate, Department of Human Genetics, Medical College of Virginia, Virginia Commonwealth University
- 1983-1986 Research Lecturer. Department of Psychology, Institute of Psychiatry, University of London
- 1977-1978 Nursing Auxiliary, Coney Hill Mental Hospital, Gloucester, Gloucestershire

### **Information Technology Experience**

Programming languages: FORTRAN, C++ and BASIC  
Statistical packages: SAS, SPSS, Statistica, Stata and S-plus  
Optimization software and numerical algorithms: NAG, MINUIT, LAPACK, and IMSL  
Operating systems: Unix (Digital Unix, Sun-OS, IRIX, HP-UX and AIX), VMS, TSO, MS-DOS  
Linux, Windows (3.x/95/98/NT/2000/XP).  
Relational database management: INGRES, CONDOR, DBASE, and LINUS  
Authoring, documentation and maintenance of the general model fitting package MX; see website at <http://www.vipbg.vcu.edu/mx>

### **7. Membership — Scientific, Honorary and Professional Societies**

American Association for the Advancement of Science  
American Psychological Association  
Behavioral Genetics Association  
International Society for Psychiatric Genetics  
Mathematical Association of America  
Psychometric Society  
Society for Multivariate Experimental Psychology

### **8. Membership in community organizations**

1987-1989 President, Queens Point Home Owner's Association  
1987- Executive Board Member, Citizens for Neighborhood Integrity Corporation

### **9. Special Awards, Fellowships and Other Honors**

#### **Awards**

NIDA MERIT Award DA-018673 "Psychometric and genetic assessment of substance use 2005-2014"  
James Shields Award for outstanding contribution to twin research. 2004  
Fulker Award of the Behavioral Genetics Association, (with N. Gillespie and others) 2004  
Fulker Award of the Behavioral Genetics Association, 2000  
NIMH Independent Scientist Award: Psychiatric genetic epidemiology. (K03-01458) 1997-2002.  
Cattell Award of the Society for Multivariate Experimental Psychology, 1994  
Thompson Memorial Award of the Behavioral Genetics Association, 1983  
British Association for the Advancement of Science Bursary, 1979

## Fellowships

Independent Scientist Award, NIMH 1997

## External Grants

### *Current*

Psychopathology: Models measurement and classification NIH: R01 MH-65322 (PI)

Psychometric and genetic assessments of substance use NIH: R01 DA-18673 (PI)

Research Training: Psychiatric and Statistical Genetics. NIH: T32 MH-20030 (PI)

Methodology of twin studies. NIH: R25 MH-19918 (Co-I)

A longitudinal twin study of cognition and aging NIH: AG-018384 (Co-I)

A Twin-Family Study of Drug Use, Abuse and Dependence NIH: RO1 DA-11287 (Co-I)

The Epidemiology of Mood, Anxiety and Alcohol Disorders NIH: RO1 MH/AA-49492 (Co-I)

The Transmission of Vulnerability Factors for Schizophrenia NIH: RO1 MH-49716 (Co-I)

### *Previous*

Psychiatric genetic epidemiology: NIMH ISA. NIH: K03 MH-01458 (PI)

Software for linkage analysis of complex traits. Gemini Corporation, UK (PI)

Versatile software for biomedical genetic applications. NIH: RR-08123 (PI)

Detecting Susceptibility Loci for Recurrent Major Depression RO1 MH-59160 (Co-I)

A twin/family study of alcohol dependence in women. NIH: AA-09095(Co-I)

The transmission of vulnerability factors for schizophrenia. NIH: AA-10586 (Co-I)

The epidemiology of mood, anxiety and alcohol disorders. NIH: MH/AA-49492 (Co-I)

Detecting susceptibility genes for nicotine addiction. NIH: DA-10288 (Co-I)

Psychiatric Genetic Epidemiology. NIH: MH-54150 (Co-I)

Statistical methods for genetic studies. NATO: ASI 970482 (Co-I)

Genetic and environmental factors in energy regulation. NIH: DK-46124 (PI subcontract)

Genetic epidemiology: Aging and macular degeneration. NIH: EY-10012 (PI subcontract)

Twin study of vulnerability to alcoholism. NIH: AA-10586. (PI subcontract)

The genetic epidemiology of schizophrenia in Ireland. NIH: MH-41953 (Co-I).

Gender differences in familial risk. NIH: HL-48148 (Co-I).

Adolescent Behavioral Development. NIH: MH-45268 (Co-I).

Personality and clinical psychobiology genetics. NIH: AA-08672 (Co-I)

Genetic models of development and ageing. NIH: AG-04954 (Co-I)

Resolving power of kinship analysis for genetic research NIH: GM-30250 (Co-I)

## Invited Seminars

2005 Invited address, Division 5, American Psychological Association

1998 Genetic studies. Gayton Elementary School, Henrico County, Virginia

1997 Advanced Structural Equation Modeling. Max Planck Institute, Berlin

1996 Genetic Analyses with Mx. Behavior Genetics Association Annual Meeting

1996 Structural Equation Modeling with Mx. Department of Sociology, University of North Carolina

1996 Human Behavioral Genetic Analysis. CEDAR, University of Pittsburgh

1995 Human Behavioral Genetics: A Psychometric Perspective. Society for Multivariate Experimental Psychology Meeting

1995 Twin Studies. Byrd Middle School, Henrico County, Virginia

- 1995 Multivariate Analysis and Genetic Models. Department of Psychology, University of Virginia
- 1994 Multifactorial Models of Comorbidity. Department of Psychology, University of Virginia
- 1993 Modeling Raw Data using Mx. Department of Psychology, University of Virginia
- 1993 Genetic factors in obesity. St. Luke's University
- 1992 Genetic Studies. Godwin High School, Henrico County Virginia
- 1991 Twins and families. Ruby F. Carver Elementary School Henrico County Virginia
- 1991 Depression and life events. Free University of Amsterdam
- 1990 Mx: A program for fitting models with constraints. Department of Psychology, University of Virginia
- 1990 Programming in FORTRAN. Center for Human Genetics, Catholic University of Leuven
- 1990 Elementary Twin Methodology: Causes of Depressed Affect. Department of Psychology, University of Virginia
- 1989 Twins and families. Ruby F. Carver Elementary School Henrico County Virginia
- 1986 Biometrical Genetic Analysis of Individual Differences. Human Genetics, Virginia Commonwealth University
- 1985 Genetic and cultural transmission. Department of Psychology Bedford College London
- 1984 Methods in Human Behavioral Genetics. King's College London

## 10. Major Committees

### University

- 2004- Member, VCU Research Space Advisory Committee
- 2002- Member, IT Task Force Committee
- 1998-1999 Member, Advisory Council for University Computing and Communication Services
- 1996-1997 Member, Department of Psychiatry Technology Committee
- 1992-1996 Member, Health Sciences Computing Advisory Committee
- 1988-1992 Member, Academic Computing Advisory Committee

### Professional

- 1999-2001 Associate Editor, *Behavior Genetics*
- 1996- Associate Editor, *Multivariate Behavioral Research*
- 1996- Associate Editor, *Structural Equation Modeling*
- 1996- Associate Editor, *Methods of Psychological Research-Online*
- 1999- Reviewer, *Drug and Alcohol Dependence*
- 1999- Reviewer, *Human Heredity*
- 1998- Reviewer, *Psychological Methods*
- 1997- Reviewer, *Human Biology*
- 1997- Reviewer, *Archives of General Psychiatry*
- 1996- Reviewer, *Nature*
- 1996- Reviewer, *Psychiatric Genetics*
- 1996- Reviewer, *Science*
- 1996- Reviewer, *Structural Equation Modeling*
- 1995- Reviewer, *American Journal of Human Genetics*
- 1995- Reviewer, *Child Development*
- 1995- Reviewer, *Journal of Genetic Psychology*

- 1993- Reviewer, *Journal of Personality and Social Psychology*
- 1992- Reviewer, *Multivariate Behavioral Research*
- 1991- Reviewer, *Acta Geneticae Medicae et Gemellologiae*
- 1986- Reviewer, *Behavior Genetics*
- 1986- Reviewer, *Genetic Epidemiology*
- 1986- Reviewer, *Personality and Individual Differences*
- 1999 Chair, *NIMH Special Emphasis Panel*
- 1997- Ad hoc reviewer, *HUD Study Sections*
- 1994- Ad hoc reviewer, *NIDA Study Sections*
- 1989-1992 Chair, Professional Training Committee, Behavior Genetics Association
- 1989 Guest Editor, *Behavior Genetics Special Issue*

## 11. Other scholarly, research and administrative experience

### *Training grants*

- 1999- Director & PI, NIMH grant. Research Training: Psychiatric and Statistical Genetics. T32 MH-20030

### *Graduate students, committee member*

- 2003- E. Schmitt, M.D./Ph.D. Human Genetics, VCU
- 2003- K. Tracy, Ph.D. Human Genetics, VCU
- 1999-2003 B.T. Webb, Ph.D. Human Genetics, VCU (Advisor)
- 2001-2002 D. Posthuma, Ph.D. Biological Psychology, VU Amsterdam
- 1997-2000 S. Roberts, M.D./Ph.D. Human Genetics, VCU
- 1995-1996 H. Snieder, Ph.D. Biological Psychology, VU Amsterdam
- 1991-1992 P. Kotey, Ph.D. Biostatistics, VCU
- 1989-1991 K. Truett, MSc. Human Genetics, VCU
- 1989-1991 R. McGovern, Ph.D. Psychology, VCU
- 1988-1989 M.J.F. Austin, Ph.D. Human Genetics, VCU

### *Postdoctoral trainees*

- 2005- Dr. M. Keller
- 2005- Dr. C. Mazefsky
- 2004- Dr. P. Andrews
- 2004- Dr. C. Anderson
- 2002-2003 Dr. A. Fanous
- 2002-2004 Dr. K. Bolinsky
- 1999-2000 Dr. Y. Hur
- 1995-1997 Dr. D. Foley
- 1993-1997 Dr. C. Prescott
- 1993-1994 Dr. J. Hettema
- 1992-1995 Dr. H. Maes
- 1987-1989 Dr. K. Tambs
- 1992-1993 Dr. M-A. Roy
- 1991-1992 Dr. D. Pérusse

1988-1989 Dr. E. Simonoff

*Major teaching assignments*

- 1990-2005 Annual International Workshop on Methodology of Twin and Family Studies: University of Colorado, Boulder CO
- 2003-2005 Workshop on Methodology for Behavior Genetics and Genetic Epidemiology: Multivariate Modelling of Genetic data: Egmond, Netherlands
- 1998-2005 Quantitative Genetics, Gen 619: Department of Human Genetics, Virginia Commonwealth University
- 2001, 2003 Annual short course on statistical genetics for obesity & nutrition researchers: University of Alabama at Birmingham
- 1998 NATO Advanced Study Institute: Methodology for Genetic Studies of Twins and Families, Catholic University of Leuven, Belgium
- 1997 Special Topics in Genetics, Gen 691: Department of Human Genetics, Virginia Commonwealth University
- 1997 Structural Equation Modeling with Mx: Department of Family Studies, University of Arizona, Tucson AZ
- 1995, 1997 Structural Equation Modeling: Department of Psychology, University of Southern California, Los Angeles CA
- 1995 Mx Models for Data from Multiple Informants: Department of Child Psychiatry, Institute of Psychiatry, London UK
- 1995 International Workshop on Methodology of Twin, Family and Adoption Studies: University of Helsinki, Finland
- 1995 Advanced Structural Equation Modeling: Department of Psychology, Free University of Amsterdam, The Netherlands
- 1991 NATO Advanced Study Institute: Methodology for Genetic Studies of Twins and Families, Catholic University of Leuven, Belgium
- 1989 Structural Equation Modeling: Department of Psychology, Virginia Commonwealth University
- 1987-1991 Twin Methodology: Catholic University of Leuven, Belgium
- 1988-1992 M-1 Human Genetics, Virginia Commonwealth University
- 1988-1992 Introduction to Quantitative Genetics. GEN 503, Virginia Commonwealth University
- 1988-1992 Human Behavior Genetics. GEN 520, Virginia Commonwealth University
- 1988-1992 Quantitative Genetics. GEN 519, Virginia Commonwealth University
- 1985-1986 Behavioral Genetics. M.Sc. Quantitative Methods in the Behavioral Sciences. Biometrics Unit, Institute of Psychiatry, London
- 1984-1986 Behavioral Genetics. M.Phil. Clinical Psychology, Institute of Psychiatry, London
- 1981-1986 Genetics of mental disorder: Intelligence. Diploma in Psychological Medicine, and Membership of Royal College of Psychiatry, Institute of Psychiatry, London

## 12. Bibliography

### Peer-reviewed papers

1. Neale, M.C. & Fulker, D.W. (1984) A bivariate path analysis of fear data on twins and their parents. *Acta Geneticae Medicae et Gemellologiae* **33**:273-286
2. Rushton, J.P., Fulker, D.W., Neale, M.C., Blizard, R.A. & Eysenck, H.J. (1984) Altruism and Genetics. *Acta Geneticae Medicae et Gemellologiae* **33**:265-271
3. Neale, M.C., Rushton, J.P. & Fulker, D.W. (1986) Heritability of item responses on the Eysenck Personality Questionnaire. *Personality and Individual Differences* **7**:771-779
4. Rushton, J.P., Fulker, D.W., Neale, M.C., Nias, D.K.B. & Eysenck, H.J. (1986) Altruism and Aggression: The heritability of individual differences. *Journal of Personality and Social Psychology* **50**:1192-1198
5. Durcan, H.J., McWilliam, J.R., Campbell, I.C., Neale M.C. & Dunn, G. (1988) Chronic antidepressant drug regimes and food and water intake in the rat *Pharmacology, Biochemistry and Behavior* **30**:299-302
6. Hewitt, J.K., Eaves, L.J. & Neale, M.C. (1988) Resolving causes of developmental continuity or "tracking", I. Longitudinal twin studies during growth. *Behavior Genetics* **18**:133-151
7. Neale, M.C. (1988) Handedness in a sample of volunteer twins. *Behavior Genetics* **18**:69-79
8. Heath, A.C., Neale, M.C., Hewitt, J.K., Eaves, L.J. & Fulker, D.W. (1989) Testing structural equation models for twin data using LISREL. *Behavior Genetics* **19**:9-35
9. Nance, W.E. & Neale, M.C. (1989) Partitioned twin analysis: A power study. *Behavior Genetics* **19**:143-150
10. Neale, M.C., Eaves, L.J., Hewitt, J.K., MacLean, C.J., Meyer, J.M. & Kendler, K.S. (1989) Analyzing the relationship between age of onset and risk to relatives *American Journal of Human Genetics* **45**:226-239
11. Neale, M.C., Eaves, L.J., Kendler, K.S. & Hewitt, J.K. (1989) Bias in correlations from selected samples of relatives: The effects of soft selection *Behavior Genetics* **19**:163-169
12. Neale, M.C., Heath, A.C., Hewitt, J.K., Eaves, L.J., & Fulker, D.W. (1989) Fitting genetic models with LISREL: hypothesis testing. *Behavior Genetics* **19**:37-49
13. Neale, M.C. & Martin, N.G. (1989) The effects of age, sex and genotype on self-report drunkenness following a challenge dose of alcohol. *Behavior Genetics* **19**:63-78.
14. Neale, M.C. & Stevenson, J. (1989) Rater Bias in the EASI Temperament Scales: A Twin Study. *Journal of Personality and Social Psychology* **56**:446-455
15. Rushton, J.P., Fulker, D.W., Neale, M.C., Nias, D.K.B., & Eysenck, H.J. (1989) Ageing and the relation of aggression, altruism, and assertiveness to the Eysenck Personality Questionnaire. *Personality and Individual Differences* **10**:261-263
16. Vlietinck, R., Derom, R., Neale, M.C., Maes, H., Van Loon, H., Van Maele, G., Derom, C. & Thiery, M. (1989) Genetic and environmental variation in the birthweight of twins. *Behavior Genetics* **19**:151-161
17. Eaves, L.J., Martin, N.G., Heath, A.C., Hewitt, J.K. & Neale, M.C. (1990) Personality and reproductive fitness. *Behavior Genetics* **20**:563-568
18. MacLean, C.J., Neale, M.C., Meyer, J.M. & Kendler, K.S. (1990) Estimating Familial Effects on Age at Onset and Liability to Schizophrenia. II Adjustment for censored data. *Genetic Epidemiology* **7**:419-426

19. Neale, M.C. & McArdle, J.J. (1990) The analysis of assortative mating: A LISREL model. *Behavior Genetics* **20**:287-294
20. Silberg, J.L., Heath, A.C., Kessler, R., Neale, M.C., Meyer, J.M., Eaves, L.J. & Kendler, K.S. (1990) Genetic and environmental effects on self-reported depression symptoms in a general population twin sample. *Journal of Psychiatric Research* **24**:197-212
21. Eaves, L.J., Neale, M.C. & Meyer, J.M. (1991) A model for comparative ratings in studies of within-family differences. *Behavior Genetics* **21**:531-536
22. Kendler, K.S., Kessler, R.C., Heath, A.C., Neale, M.C. & Eaves, L.J. (1991) Coping: A genetic epidemiologic investigation. *Psychological Medicine* **21**:337-346
23. Kendler, K.S., MacLean, C.J., Neale, M.C., Kessler, R.C., Heath, A.C., & Eaves, L.J. (1991) The genetic epidemiology of bulimia nervosa. *American Journal of Psychiatry* **148**:1627-1637
24. Kendler, K.S., Silberg, J.L., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1991) The family history method: Whose psychiatric history is measured? *American Journal of Psychiatry* **148**:1501-1504
25. Silberg, J.L., Meyer, J.M., Eaves, L.J., Neale, M.C., Hewitt, J.K., Heath, A.C., & Kendler, K.S. (1991) The effect of bias on the estimates of the genetic and environmental influences on ratings of depressive symptoms. *International Journal of Methods in Psychiatric Research* **1**:59-67
26. Tambs, K., Moum, T., Eaves, L.J., Neale, M.C., Midthjell, K., Lund-Larsen, P.G. Næss, S. & Holmen, J. (1991) Genetic and environmental contributions to the variance of body mass index in a sample of first and second degree relatives *American Journal of Human Biology* **88**:257-267
27. Austin, M.J.F., Collins, J., Corey, L., Nance, W.E., Neale, M.C., Schieken, R., & Brown, J.A. (1992) Aphidicoline-inducible common fragile sites: a twin study. *American Journal of Human Genetics* **50**:76-83
28. Heath, A.C., Neale, M.C., Kessler, R.C., Eaves, L.J. & Kendler, K.S. (1992) Evidence for genetic influences on personality from self-reports and from informant ratings. *Journal of Personality and Social Psychology* **63**:85-96
29. Hewitt, J.K., Silberg, J.L., Neale, M.C., Eaves, L.J. & Erickson, M. (1992) The analysis of parental ratings of children's behavior using LISREL. *Behavior Genetics* **22**:293-317
30. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1992) A population-based twin study of alcoholism in women. *Journal of the American Medical Association* **268**:1877-1882
31. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1992) A population-based twin study of major depression in women: The impact of varying definitions of illness. *Archives of General Psychiatry* **49**:257-266
32. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1992) Childhood parental loss and adult psychopathology in women: A twin study perspective. *Archives of General Psychiatry* **49**:109-116
33. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1992) Familial influences on the clinical characteristics of major depression. *Acta Psychiatrica Scandinavica* **86**:371-378
34. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C., & Eaves, L.J. (1992) Generalized anxiety disorder in women: a population based twin study. *Archives of General Psychiatry* **49**:267-272
35. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C., & Eaves, L.J. (1992) Major depression and generalized anxiety disorder: same genes, (partly) different environments? *Archives of General Psychiatry* **49**:716-722
36. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C., & Eaves, L.J. (1992) The genetic epidemiology of phobias in women: the interrelationship of agoraphobia, social phobia, situational phobia, and simple phobia. *Archives of General Psychiatry* **49**:273-281



37. Kendler, K.S., Silberg, J.L., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1992) Genetic and environmental factors in the etiology of menstrual, premenstrual and neurotic symptoms: A population based twin study. *Psychological Medicine* **22**:85-100
38. Kessler, R.A., Kendler, K.S., Heath, A.C., Neale, M.C. & Eaves, L.J. (1992) Social support, depressed mood, and adjustment to stress: A genetic epidemiologic investigation. *Journal of Personality and Social Psychology* **62**:257-272
39. Meyer, J.M., & Neale, M.C. (1992) The relationship between the age at first drug use and teenage drug use liability. *Behavior Genetics* **22**:197-213
40. Tambs, K., Moum, T., Eaves, L.J., Neale, M.C., Midthjell, K., Lund-Larsen, P.G. & Næss, S. (1992) Genetic and environmental contributions to the variance of body height in a sample of first and second degree relatives *American Journal of Physical Anthropology* **88**:285-294
41. Tambs, K., Moum, T., Holmen, J., Eaves, L.J., Neale, M.C., Lund-Larsen, P.G. & Næss, S., (1992) Genetic and environmental effects on blood pressure in a Norwegian sample *Genetic Epidemiology* **9**:11-26
42. Walters, E.E., Neale, M.C., Eaves, L.J., Heath, A.C., Kessler, R.C. & Kendler, K.S. (1992) Bulimia nervosa and major depression: A study of common genetic and environmental factors. *Psychological Medicine* **22**:617-622
43. Austin, M.J.F, Neale, M.C., Corey, L.A., Nance, W.E., Schieken, R.M. & Brown, J.A. (1993) Common fragile site expression in lymphocytes from an individual mosaic for Trisomy 8. *American Journal of Medical Genetics* **45**:570-571
44. Bailey, J.M., Pillard, R.C., Neale, M.C. & Agyei, Y. (1993) Heritable factors influence sexual orientation in women *Archives of General Psychiatry* **50**:217-23
45. Eaves L J. Silberg J L. Hewitt J K. Rutter M. Meyer J M. Neale M C. Pickles A. (1993) Analyzing twin resemblance in multisymptom data: Genetic applications of a latent class model for symptoms of conduct disorder in juvenile boys. *Behavior Genetics* **23**:5-20
46. Heath, A.C., Cates, R., Martin, N.G., Meyer, J.M., Hewitt, J.K., Neale, M.C. & Eaves, L.J. (1993) Genetic contributions to smoking initiation: Comparisons across cohorts and across cultures. *Journal of Substance Abuse* **5**:221-246
47. Heath, A.C., Kessler, R.C., Neale, M.C., Eaves, L.J. & Kendler, K.S. (1993) Testing hypotheses about direction of causation using cross-sectional family data. *Behavior Genetics* **23**:29-50
48. Kendler, K.S., Kessler, R.C., Neale, M.C., Heath, A.C. & Eaves, L.J. (1993) The prediction of major depression in women: an integrated etiologic model. *American Journal of Psychiatry* **50**:1139-1148
49. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1993) A longitudinal study of one-year prevalence of major depression in women. *Archives of General Psychiatry* **50**:843-852
50. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C., & Eaves, L.J. (1993) A longitudinal twin study of personality and major depression in women. *Archives of General Psychiatry* **50**:853-862
51. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1993) A test of the equal-environment assumption in twin studies of psychiatric illness. *Behavior Genetics* **23**:21-27
52. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1993) A twin study of recent life events and difficulties. *Archives of General Psychiatry* **50**:789-796
53. Kendler, K.S., Heath, A.C., Neale, M.C., Kessler, R.C., & Eaves, L.J. (1993) Alcoholism and major depression in women: A twin study of the causes of comorbidity. *Archives of General Psychiatry* **50**:690-698
54. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1993) Major depression and phobias: the genetic and environmental sources of comorbidity. *Psychological Medicine* **23**:361-371

55. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C. & Eaves, L.J. (1993) Panic disorder in women: A population-based twin study. *Psychological Medicine* **23**:397-406
56. Kendler, K.S., Neale, M.C., MacLean, C.J., Heath, A.C., Eaves, L.J. & Kessler, R.C., (1993) Smoking and depression: a causal analysis. *Archives of General Psychiatry* **50**:36-43
57. Kendler K.S., Neale M.C., Kessler R.C., Heath A.C., Eaves L.J. (1993) The lifetime history of major depression in women. Reliability of diagnosis and heritability. *Archives of General Psychiatry* **50**:863-70
58. Kendler, K.S., Pedersen, N., Neale, M.C. & Mathé, A.A. (1993) A pilot Swedish twin study of affective illness including hospital- and population-ascertained subsamples. *Archives of General Psychiatry* **50**:699-700
59. Neale, M.C. & Eaves, L.J. (1993) Estimating and controlling for the effects of volunteer bias with pairs of relatives. *Behavior Genetics* **23**:271-278
60. Tambs, K., Eaves, L.J., Moum, T., Holmen, Jostein, H. Neale, M.C., Næss, S. & Lund-Larsen, P.G. (1993) Age-specific genetic effects for blood pressure. *Hypertension* **22**:789-795
61. Walters, E.E., Neale, M.C., Eaves, L.J., Heath, A.C., Kessler, R.C., Kendler, K.S. (1993) Bulimia nervosa: a population based study of purgers vs. non-purgers. *International Journal of Eating Disorders* **13**:265-272
62. Allison, D.B., Heshka, S., Neale, M.C. & Heymsfield, S.B. (1994) Race effects in the genetics of adolescents' body mass index. *International Journal of Obesity* **18**:363-368
63. Allison, D.B., Heshka, S., Neale, M.C., Lykken, D.T. & Heymsfield, S.B. (1994) A genetic analysis of relative weight among 4020 twin pairs with an emphasis on sex effects. *Health Psychology* **13**:362-365
64. Kendler, K.S., Neale, M.C., Kessler, R.C., Heath, A.C., Eaves, L.J. (1994) Parental treatment and the equal environment assumption in twin studies of psychiatric illness. *Psychological Medicine* **24**:579-590
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