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**Social Security Number:**

**Birthdate:** 8 November 1952

**Birthplace:** Oakland, California

**Education:** University of California 1970-1975 B.A.  
Berkeley, California  
(Major: Psychology, Minor: Mathematics)

University of Minnesota 1975-1981 Ph.D.  
Minneapolis, Minnesota  
(Major: Psychology, Minor: Statistics)

**Employment:** Teaching Assistant, Dept. of Psychology  
University of Minnesota 1976-1978

Instructor, Extension Division  
University of Minnesota 1978-1980

Statistician/programmer, Institute for  
Research on Learning Disabilities  
University of Minnesota 1979-1981

Instructor, Division of Biostatistics  
Washington University School of Medicine 1981-1983

Assistant Professor, Div. of Biostatistics  
Washington University School of Medicine 1983-1985

Research Psychologist, PDRI  
Minneapolis, Minnesota 1984-1985

Assistant Professor, Dept. of Psychology  
University of Minnesota 1985-1987

Associate Professor, Dept. of Psychology  
University of Minnesota 1987-1992

Professor, Dept. of Psychology University of Minnesota	1992-present
Chair, Department of Psychology University of Minnesota	1999-2001
Member, Institute of Human Genetics University of Minnesota	1987-present

***Academic Awards:***

Graduation with High Honors University of California, Berkeley	1975
Bush Graduate School Fellowship University of Minnesota	1975-1978
Eva O. Miller Fellowship University of Minnesota	1978-1979
National Institute of Mental Health Traineeship, University of Minnesota	1979-1981
Research Scientist Development Award National Institute on Alcohol Abuse and Alcoholism	1994-1998
Scholar of the College, College of Liberal Arts	1998-2001

***Professional Affiliations:***

Behavior Genetics Association  
American Psychological Association  
American Psychological Society

***Editorial Consultation:***

**Editorial Board:**

*Genetic Epidemiology*  
*Developmental Psychology*

**Grant Reviews:**

IRG member: Alcoholism Treatment and Prevention  
(ALCP-I, NIAAA), 1988-1992

Ad hoc reviews for:

National Institute of Alcohol Abuse and Alcoholism  
National Institute of Mental Health  
National Institute of Drug Abuse  
National Institute on Aging  
National Institute of Child and Human Development  
National Institute of Research Resources  
W.T. Grant Foundation

National Advisory Committee:

National Institute of Alcohol Abuse and Alcoholism, 1997-2001  
Subcommittee on Research Priorities, 1997-2001  
MERIT review subcommittee, 1997-2001

Ad Hoc Manuscript Reviewer:

*Addiction*  
*Alcohol Health and Research World*  
*Alcoholism: Clinical and Experimental Research*  
*American Journal of Human Genetics*  
*Archives of General Psychiatry*  
*Behavior Genetics*  
*Behavior Therapy*  
*Child Development*  
*Developmental Psychology*  
*Developmental Neuropsychology*  
*Genetic Epidemiology*  
*Journal of Abnormal Psychology*  
*Journal of Aging and Health*  
*Journal of Personality*  
*Journal of Personality and Social Psychology*  
*Journal of Research on Adolescence*  
*Journal of Studies on Alcohol*  
*Measurement and Evaluation in Counseling and Development*  
*Nature*  
*Neuropsychiatric Genetics*  
*New England Journal of Medicine*  
*Proceedings of the National Academy of Sciences, U.S.*  
*Psychological Medicine*  
*Psychology and Aging*  
*Psychology of Addictive Disorders*  
*Psychological Medicine*  
*The Gerontologist*

***Research Interests:***

Behavioral genetics of substance  
use and abuse

Psychological aspects of aging

Adolescent development

***Publications:***

(a) Published or in press:

1. McGue, M. (1979). Review of CC Li, *Path Analysis; A Primer*. *Social Biology*, 25: 84-85.
2. Bouchard, T.J., and McGue, M. (1981). Familial studies of intelligence: A review. *Science*, 212: 1055-1059.
3. Ysseldyke, J.E., Algozzine, B., Shinn, M.R., and McGue, M. (1982). Similarities and differences between low achievers and students labeled learning disabled. *Journal of Special Education*, 16: 73-85.

4. Ysseldyke, J.E., Algozzine, B., Regan, R., and McGue, M. (1981). The influence of test scores and naturally occurring pupil characteristics on psychoeducational decision making with children. *Journal of School Psychology*, 19: 167-188.
5. Ysseldyke, J.E., Shinn, M.R., McGue, M., and Epps, S. (1980). Performance of learning disabled and low achieving students on the WISC-R and the tests of cognitive abilities from the Woodcock-Johnson Psychoeducational Battery. In: W.C. Cruickshank (Ed.) *The Best of the ACLD*. Syracuse New York: Syracuse University Press.
6. McGue, M., Shinn, M.R., and Ysseldyke, J.E. (1982). Use of cluster scores in the Woodcock-Johnson Psychoeducational Battery with learning disabled children. *Learning Disability Quarterly*, 5: 276-287.
7. Epps, S., McGue, M., and Ysseldyke, J.E. (1982). Interjudge agreement in classifying students as learning disabled. *Psychology in the Schools*, 19: 209-230.
8. Epps, S., Ysseldyke, J.E., and McGue, M. (1984). Differentiating LD from non-LD students. *Learning Disability Quarterly* 7: 89-101.
9. McGue, M. (1983). Bivariate path analysis of plasma lipids. *Human Heredity*, 33: 145-152.
10. McGue, M., Laskarzewski, P., Rao, D.C., and Glueck, C.J. (1983). The Cincinnati Lipid Research Clinic Family Study: Commingling in the distributions of lipids and lipoprotein concentrations. *Human Heredity*, 33: 223-230.
11. McGue, M., Rao, D.C., Reich, T., Laskarzewski, P., Glueck, C.J., and Russell, J.M. (1983). Cincinnati Lipid Research Clinic Family Study: Bivariate path analysis of lipoprotein concentrations. *Genetical Research (Camb.)*, 42: 117-135.
12. Apple, F.S., and McGue, M.K. (1983). Serum enzyme changes during marathon training *American Journal of Clinical Pathology*, 79: 716-719, 1983.
13. Rao, D.C., Williams, W.R., McGue, M., Morton, N.E., Gulbrandsen, C.L., Rhoads, G.G., Kagan, A., Laskarzewski, P., Glueck, C.J., and Russell, J.M. (1983). Cultural and biological inheritance of plasma lipids. Proceedings of a Workshop on Genetical Analysis of Disease in Human Populations. *American Journal of Physical Anthropology* 62: 33-49.
14. Rao, D.C., McGue, M., Glueck, C., and Wette, R. (1984). Path analysis in genetic epidemiology. In: A. Chakravarti (Ed.) *Human Population Genetics: The Pittsburgh Symposium*, Van Nostrand Reinhold Company, Inc., Stroudsburg, Pennsylvania, pp 35-81.
15. McGue, M., Gottesman, I.I., and Rao, D.C. (1983). The transmission of schizophrenia under a multifactorial threshold model. *American Journal of Human Genetics* 65: 280-286.
16. Hirsch, B., McGue, M., and Cervenka, J. (1984). Characterization of the distribution of sister chromatid exchange frequencies: Implications for research design. *Human Genetics* 65: 280-286.
17. McGue, M. (1984). Tecumseh and the genetics of coronary heart disease: A review. In: Rao DC, Elston RC, Kuller LH, Reinleib M, Carter C, and Havlik (Eds.) *Genetic Epidemiology of Coronary Heart Disease: Past, Present and Future*. New York: Alan R. Liss, pp 23-36.
18. Schuster, D.P., Rowley, H., Feinstein, S., McGue, M.K., and Zuckerman, G. (1984). Prospective evaluation of the risk of upper gastrointestinal bleeding after admission to a medical intensive care unit. *American Journal of Medicine*, 76: 623-630.

19. McGue, M., and Bouchard, T.J. (1984). Adjustment of twin data for the effects of age and sex. *Behavior Genetics*, 14: 325-343.
20. Lewitter, F.I., Tager, I.B., Tishler, P.V., Speizer, F.E., and McGue, M. (1984). Genetic and environmental determinants of level of pulmonary function. *American Journal of Epidemiology*, 120: 518-530.
21. McGue, M., Bouchard, T.J., Lykken, D.T., and Feuer, D. (1984). Information processing abilities in twins reared apart. *Intelligence*, 8: 239-258.
22. McGue, M., Wette, R., and Rao, D.C. (1984). Evaluation of path analysis through computer simulation: Effect of incorrectly assuming independent distribution of familial correlations. *Genetic Epidemiology*, 1: 255-269.
23. McGue, M., Gottesman, I.I., and Rao, D.C. (1985). Resolving genetic models for the transmission of schizophrenia. *Genetic Epidemiology*, 2: 99-110.
24. McGue, M., Rao, D.C., Iselius, L., and Russell, J. (1985). Resolution of genetic and cultural inheritance in twin families by path analysis. *American Journal of Human Genetics*, 37: 998-1014.
25. Devor, E.J., McGue, M., Crawford, M.H., and Lin, P.M. (1985). Transmissible and nontransmissible components of anthropometric variation in the Alexanderwohl Mennonites. I. Description of familial correlations. *American Journal of Physical Anthropology*, 69: 71-82.
26. Devor, E.J., McGue, M., Crawford, M.H., and Lin, P.M. (1985) Transmissible and nontransmissible components of anthropometric variation in the Alexanderwohl Mennonites. II. Fitting of path models. *American Journal of Physical Anthropology*, 69: 83-92.
27. White, J., McGue, M., and Heston, L. (1986) Fertility and paternal age effects for Alzheimer Disease. *Journal of Gerontology*, 41: 40-43.
28. Borecki, I.B., Rao, D.C., Lalouel, J.M., McGue, M. and Gerrard, J.W. (1985). A genetic correlation between immunoglobulin E levels and allergy. *Genetic Epidemiology*, 2: 327-338.
29. McGue, M., Gottesman, I.I., & Rao, D.C. (1986). The analysis of schizophrenia family data. *Behavior Genetics*, 16: 75-87.
30. Lykken, D.T., McGue, M., & Tellegen, A. (1987). Ascertainment bias in twin studies: The rule of two-thirds reconsidered. *Behavior Genetics*, 17: 343-362.
31. McGue, M., Wette, R., & Rao D.C. (1987). An evaluation through computer simulation of three statistical methods used in path analysis. *Genetic Epidemiology*, 4: 129-155.
32. McGue, M. (1988). Analytical approaches to twin and family data. In Pickens, R.W. & Svikis, D.S. (Eds.), *Biological Vulnerability to Drug Abuse*. Rockville MD: U.S. Department of Health and Human Services; National Institute on Drug Abuse Research Monograph #89, pp 134-149.
33. McGue, M. & Bouchard, T.J. (1989). Genetic and environmental determinants of information processing and special mental abilities: A twin analysis. In Sternberg, R.J. (Ed). *Advances in the Psychology of Human Intelligence*, Volume 5. Lawrence Erlbaum Associates, pp 7-45.
34. Gottesman, I.I., McGuffin, P., Farmer, A., McGue, M., Vogler, G., Bertelsen, A. & Rao, D.C. (1987). Genetics and Schizophrenia-Current state of negotiations. In F. Vogel & K. Sperling (Eds.). *Human Genetics, Proceedings of the 7th International Congress Berlin 1986*. Berlin: Springer-Verlag pp. 458-464.

35. McGue, M. (1986). In our genes? Review of Hay, D. Essentials of Behavior Genetics, *Contemporary Psychology* 31: 510-511.
36. Rao, D.C., Vogler, G.P., McGue, M., & Russell, J.M. (1987). Maximum-likelihood estimation of familial correlations from multivariate quantitative data on pedigrees: A general method and examples. *American Journal of Human Genetics*, 41, 1104-1116.
37. Wette, R. McGue, M., Rao, D.C., Cloninger, C.R. (1988). On the properties of maximum likelihood estimators of familial correlations under variable sibship size. *Biometrics*, 44: 717-725.
38. McGue, M. & Gottesman, I.I. (1989). A single dominant gene still cannot account for the transmission of schizophrenia. *Archives of General Psychiatry*, 46: 478-479.
39. Lykken, D.T., Iacono, W.G., Haroian, K., McGue, M. & Bouchard, T.J. (1988). Habituation of the EDR to strong stimuli: A twin study. *Psychophysiology*, 25: 4-15.
40. Bouchard, T.J. & McGue, M. (1990). Genetic and rearing environmental influences on adult personality: An analysis of adopted twins reared apart, *Journal of Personality*, 58: 263-292.
41. Gottesman, I.I. & McGue, M. (1991). Mixed and mixed-up models for the transmission of schizophrenia. In Cichetti, D. & Grove, W. (Eds). *Thinking clearly about Psychology: Essays in honor of Paul E. Meehl*. Volume 2. Minneapolis: University of Minnesota Press, pp 295-312.
42. McGue, M. & Gottesman, I.I. (1989). Genetic linkage in schizophrenia: Perspectives from genetic epidemiology. *Schizophrenia Bulletin*, 15: 453-464.

Reprinted in:

V. Bulyzhenkov, Y. Chirsten & L. Prilipko (Eds.). (1990). *Genetic Approaches in the Prevention of Mental Disorders*, Berlin: Springer-Verlag, pp. 24-38.

*European Archives of Psychiatry and Clinical Neuroscience* (1991), 240: 174-181.

43. McGue, M., Wette, R. & Rao, D.C. (1989). Path analysis under generalized marital resemblance: Evaluation of the assumptions underlying the mixed homogamy model by the Monte Carlo method, *Genetic Epidemiology*, 6: 373-388.
44. McGue, M., Lebowitz, M., Gerrard, J. W., & Rao, D.C. (1989). Commingling in the distribution of immunoglobulin levels, *Human Heredity*, 39: 196-201.
45. McGue, M. (1989). Review of W.J. McAuley. Applied research in gerontology, *Contemporary Psychology*.
46. McGue, M. (1989). Nature-nurture and intelligence. *Nature*, 340: 507-508.
47. Vogler, G.P., Gottesman, I.I., McGue, M.K. & Rao, D.C. (1990). Mixed model segregation analysis of schizophrenia in the Lindelius Swedish Pedigrees. *Behavior Genetics*, 20: 461-472.
48. McGue, M., Borecki, I.B., Gerrard, J.W. and Rao, D.C. (1990). Sex-linked determinants for IgM? *Human Heredity*, 40: 231-234.
49. Lykken, D.T., Bouchard, T.J., McGue, M. & Tellegen, A. (1990). The Minnesota Twin Family Registry: Some initial findings. *Acta Gemellogicae et Medicae*, 39: 35-70.

50. Pickens, R.W., Svikis, D.S., McGue, M., Lykken, D.T., Heston, L.L. & Clayton, P.J. (1991). Heterogeneity in the inheritance of alcoholism: A study of male and female twins. *Archives of General Psychiatry*, 48: 19-28.
51. Lykken, D.T., McGue, M., Bouchard, T.J. & Tellegen, A. (1990). Does contact lead to similarity or similarity to contact. *Behavior Genetics*, 20: 547-561.
52. Bouchard, T.J. Jr., Lykken, D.T., McGue, M., Segal, N., & Tellegen, A. (1990). Sources of human psychological differences: The Minnesota Study of Twins Reared Apart. *Science*, 250: 223-228.
53. McGue, M., Pickens, R.W., & Svikis, D.S. (1992). Sex differences in the inheritance of alcoholism: A twin study. *Journal of Abnormal Psychology*, 101: 3-17.
54. Hanson, B., McGue, M., Roitman-Johnson, B., Segal, N., Bouchard, T.J. Jr., & Blumenthal, M.N. (1991). Atopic disease and Immunoglobulin E in twins reared apart and together. *American Journal of Human Genetics*, 48: 873-879
55. McGue, M., Bouchard, T.J., Lykken, D.T. & Finkel, D. (1991). On genes, environment and experience. *Behavioral and Brain Sciences*, 14: 400-401.
56. McGue, M., Bacon, S. & Lykken, D.T. (1993). Personality stability and change in early adulthood: A behavioral genetic analysis. *Developmental Psychology*, 29: 96-109.
57. Svikis, D.S., Pickens, R.W., & McGue, M. (1991). What role does genetics play in alcoholism?. *U.S. Journal of Alcohol and Drug Dependence*, 15: 9.
58. Parlour, S.F., Broen, P.A. & McGue, M. (1992). A 28-year follow-up of adults with a history of moderate phonological disorder: Linguistic and personality results. *Journal of Speech and Hearing Research*, 35: 1114-1125.
59. McGue, M. & Lykken, D.T. (1992). Genetic influence on divorce. *Psychological Science*, 3: 368-373.
60. Hirsch, B.A., Sentz, K.K., & McGue, M. (1992). Genetic and environmental influences on baseline SCE. *Environmental Mutagenesis*, 20: 2-11.
61. McGue, M. (1992). When assessing twin concordance, use the probandwise not the pairwise rate. *Schizophrenia Bulletin*, 18: 171-176.
62. Lykken, D.T., Bouchard, T.J., Jr., McGue, M., & Tellegen, A. (1992). Emergenesis: Genetic traits that may not run in families. *American Psychologist*, 47: 1565-1577.
63. Resnick, S.M., Gottesman, I.I., & McGue, M. (1993). Sensation seeking in opposite-sex twins: An effect of prenatal hormones? *Behavior Genetics*, 23: 323-329.
64. Lykken, D.T., Bouchard, T.J., Jr., McGue, M., & Tellegen, A. (1993). Heritability of interests: A twin study. *Journal of Applied Psychology*, 78: 649-661.
65. McGue, M., Hirsch, B., & Lykken, D.T. (1993). Age and the self-perception of ability: A twin study analysis. *Psychology and Aging*, 8: 72-80.
66. McGue, M. (1994). Genes, environment and the etiology of alcoholism. In R. Zucker, J. Howard & G. Boyd (Eds.). *The development of alcohol problems: Exploring the biopsychosocial matrix of risk*. National Institute on Alcohol Abuse and Alcoholism Research Monograph #26, pp 1-40.

67. McGue, M. (1993). From proteins to cognitions: The behavioral genetics of alcoholism. In R. Plomin and G.E. McClearn (Eds.). *Nature, Nurture, and Psychology*. Washington D.C.: American Psychological Association Press, pp 245-268.
68. McGue, M., Bouchard T.J., Jr., Iacono, W.G., & Lykken, D.T. (1993). Behavioral genetics of cognitive ability: A life-span perspective. In R. Plomin & G.E. McClearn (Eds.). *Nature, Nurture, and Psychology*. Washington D.C.: American Psychological Association Press, pp 59-76.
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70. Finkel, D., & McGue, M. (1993). Twenty-five year follow-up of child-rearing practices: An investigation of retrospective data. *Personality and Individual Differences*, 15: 147-154.
71. McGue, M., Vaupel, J.W., Holm, N. & Harvald, B. (1993). Longevity is moderately heritable in a sample of Danish twins born 1870-1880. *Journal of Gerontology: Biological Sciences*, 48: B237-B244.
72. Finkel, D. & McGue, M. (1993). The origins of individual differences in memory among the elderly: A behavioral genetic analysis. *Psychology and Aging*, 8: 527-537.
73. Carmichael, C.M. & McGue, M. (1995). A cross-sectional examination of height, weight, and body mass index in adult twins. *Journal of Gerontology: Biological Sciences*, 50: B237-B244.
74. McGue, M. & Carmichael, C.M. (1995). Lifespan developmental psychology: A behavioral genetic perspective. In L. DiLalla & S.M. Clancy (Eds.). *The assessment of biological mechanisms across the lifespan*. Hillsdale, NJ: Erlbaum, pp 71-89.
75. McGue, M., Lykken, D.T., & Iacono, W.G. (1996). Genotype-environment correlations and interactions in the etiology of substance abuse and related behaviors. In H.W. Gordon & M.D. Glantz (Eds.) *Individual differences in the biobehavioral etiology of drug abuse*. National Institute of Drug Abuse Monograph #159, Bethesda MD: NIDA, pp 49-72.
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81. Felsenfeld, S., Broen, P., & McGue, M. (1994). A 28-year follow-up of adults with a history of moderate phonological disorder: Education and occupational results. *Journal of Speech and Hearing Research*, 37: 1341-1353.
82. Sharma, A.R., McGue, M.K., & Benson, P.L. (1996). The emotional and behavioral adjustment of United States adopted adolescents: Part I. An overview. *Children and Youth Services Review*, 18: 83-100.
83. Sharma, A.R., McGue, M.K., & Benson, P.L. (1996). The emotional and behavioral adjustment of United States adopted adolescents: Part II. Age at placement. *Children and Youth Services Review*, 18: 101-114.
84. Vogler, G.P., Wette, R., McGue, M.K., & Rao, D.C. (1995). Properties of alternative estimators of familial correlations under variable sibship size, *Biometrics*, 51: 276-283.
85. Finkel, D., Whitfield, K., & McGue, M. (1995). Genetic and environmental influences on functional age. *Journal of Gerontology: Psychological Sciences*, 50: P104-P113.
86. Finkel, D., Pedersen, N.L., & McGue, M. (1995). Genetic influences on memory performance in adulthood: Comparison of Minnesota and Swedish twin data. *Psychology and Aging*, 10: 437-446.
87. Hur, Y-M., McGue, M., & Iacono, W.G. (1995). Unequal rate of monozygotic and like-sex dizygotic twin birth: Evidence from the Minnesota Twin Family Study. *Behavior Genetics*, 25: 337-340.
88. Bouchard, T.J., Jr., Lykken, D.T., Tellegen, A., & McGue, M. (1996). Genes, drives, environment and experience: EPD Theory--Revisited. In C. Benbow & D. Lubinski (eds.) *Intellectual Talent: Psychometric and social issues*. Baltimore MD: Johns Hopkins University Press, pp 5-43.
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92. Hur, Y-M., McGue, M., & Iacono, W.G. (1996). Genetic and shared environmental influences on leisure-time interests in male adolescents. *Personality and Individual Differences*, 21: 791-801.
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94. McGue, M., Sharma, A., & Benson, P. (1996). Parent and sibling influences on adolescent alcohol use and misuse: Evidence from a U.S. adoption cohort. *Journal of Studies on Alcohol*, 57: 8-18.
95. Herskind, A.M., McGue, M., Holm, N.V., Sorensen, T.I.A., Harvald, B., & Vaupel, J.W. (1996). The heritability of human longevity: A population-based study of 2872 Danish twin pairs born 1870-1900. *Human Genetics*, 97: 319-323.

96. Felsenfeld, S., McGue, M., & Broen, P.A. (1995). Familial aggregation of phonological disorders: Results from a 28-year follow-up. *Journal of Speech and Hearing Research*, 38: 1091-1107.
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99. Jockin, V., & McGue, M. (1996). Personality and the inheritance of divorce. *Journal of Personality and Social Psychology*, 71: 288-299.
100. McGue, M., Sharma, A., & Benson, P. (1996). The effect of common rearing on adolescent adjustment: Evidence from a U.S. adoption cohort. *Developmental Psychology*, 32: 604-613.
101. Elkins, I.J., McGue, M., Iacono, W.G., & Tellegen, A. (1997). Genetic and environmental influences on parent-son relationships: Evidence for increasing genetic influence during adolescence. *Developmental Psychology*, 33: 351-363.
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106. McGue, M., & Christensen, K. (1997). Genetic and environmental contributions to depression symptomatology: Evidence from Danish twins aged 75 years and older. *Journal of Abnormal Psychology*, 106: 439-448.
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111. Sherman, D.K., McGue, M.K., & Iacono, W.G. (1997). Twin concordance for attention-deficit hyperactivity disorder. *American Journal of Psychiatry*, 154: 532-535.

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(b) Submitted

1. Nybo, H., Peterson, H.C., Jeune, B., Gaist, D., Anderson, K., McGue, M., Vaupel, J.W., & Christensen, K. (2001). Predictors of mortality among 2,249 nonagenarians: The Danish 1905-Cohort Survey, submitted.
2. Doyle, A.E., McGue, M., & Iacono, W.G. (2001). Genetic and environmental influences on antisocial behavior in child and adolescent twins, submitted.
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4. Taylor, J., Loney, B.R., Bobadilla, L., Iacono, W.G., & McGue, M. (2002). Genetic and environmental influence on psychopathy: Findings from an adolescent male twin cohort, submitted.
5. Keel, P.K., Klump, K.L., Miller, K.B., McGue, M., & Iacono, W.G. (2002). Shared genetic transmission of eating disorders and comorbid disorders, submitted.

(c) Technical Reports

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2. Hough, L.M., Russell, T.L., Rosse, R.L., McGue, M.K. & Keyes, M.A. (1985). Analysis of Professional (Attorney) Positions in the Office of General Counsel at the U.S. General Accounting Office. Personnel Decisions Research Institute Report No. 100, Minneapolis, MN.
3. McHenry, J.J., Hanson, M.A., McGue, M.K., Peterson, N.G., Dunnette, M.D., Mendel, R.A., McKenna, D.D. (1986). Development of a computer-assisted management job analysis system for J.C. Penney Company. Personnel Decisions Research Institute Report No. 105, Minneapolis, MN.
4. McGue, M., Borman, W. and Pulakos, E. (1986). Monte Carlo evaluation of measures of halo error and range restriction. Personnel Decisions Research Institute, Minneapolis, MN.

(d) Abstracts and Conference Presentations:

1. Comparison of the performance of learning disabled students and low achievers on the Woodcock-Johnson Psychoeducational Battery and the WISC-R. National Association for Children with Learning Disabilities Milwaukee, Wisconsin, March, 1980.
2. The use of twin data for the detection of genotype by environment interaction. Behavior Genetics Association Meetings, Chicago, Illinois, June, 1980.
3. A comparison of identical twins reared apart on a battery of information processing tests. Behavior Genetics Association Meetings, Purchase, New York, June, 1981.
4. Strategies for classifying readers: Effects on prose processing findings American Education Research Association Conference, Los Angeles, California, April, 1981. Horowitz, R., Samuels, J. and McGue, M. Resources in Education, June, 1982 (abstr.).
5. Analysis of familial resemblance for two correlated traits. Biometrics Society Spring Meetings, San Antonio, Texas, February, 1982.
6. Serum enzyme changes during marathon training. American College of Sport Medicine 1982 Annual Meeting, Minneapolis, Minnesota, May, 1982.
7. Bivariate path analysis of plasma lipids. 33rd Annual Meeting of the American Society of Human Genetics, Detroit, Michigan, October, 1982. McGue, M., Rao, D.C., Reich, T., Laskarzewski, P., Glueck, C.J., and Russell, J.M. American Journal of Human Genetics, 34:186a, 1983 (abstr.).
8. Transmission of schizophrenia. 33rd Annual Meeting of the American Society of Human Genetics, Detroit, Michigan, October, 1983. Rao, D.C., McGue, M., and Gottesman, I.I. American Journal of Human Genetics, 34: 44a, 1983 (abstr.).
9. Resolution of cultural and biological inheritance in twin families by path analysis. Fourth International Congress on Twin Studies, London, England, June, 1983.
10. Adjustment of twin data for the effects of age and sex. Fourth International Twin Congress, London, England, June, 1983.
11. Models for the transmission of schizophrenia. Behavior Genetics Association Meetings, London, England, July, 1983.

12. An examination of information processing skills in twins reared apart. International Congress on Individual Differences, London, England, July, 1983.
6. Genetic and environmental determinants of level of pulmonary function. 34th Annual meeting of the American Society of Human Genetics, Richmond, Virginia, October, 1983.
7. Evaluation of path analysis through computer simulation. 14th Annual Meeting of the Behavior Genetics Association, Bloomington, Indiana, May, 1984.
8. Complex segregation analysis of Alzheimer Disease. 15th Annual Meeting of the Behavior Genetics Association, State College, Pennsylvania, June 1985.
9. Problems, issues and results in the development of computerized psychomotor measures. Annual Meeting of the American Psychological Association, Los Angeles, California, August, 1985.
18. Problems, issues and results in the development of temperament, biographical and interest measures. Annual Meeting of the American Psychological Association, Los Angeles, California, August, 1985.
19. Development of cognitive/perceptual measures supplementing the ASVAB. Annual Meeting of the American Psychological Association, Los Angeles, August, 1985.
20. Genetics of Schizophrenia. International Genetics Congress, Berlin, Germany, September, 1986.
21. Genetics and personality: An analysis of adopted twins reared apart. Society of Biological Psychiatry Annual Meeting, San Francisco, May, 1989.
22. Genetic and environmental influences on information processing abilities. Behavior Genetics Association, Annual Meeting, Charlottesville, Virginia, June 1989.
23. Sex differences in the inheritance of alcoholism. Behavior Genetics Association Annual Meeting, Charlottesville, Virginia, June 1989.
24. The Minnesota Twin Registry: Personality Correlates of ease of recruitment. Sixth International Twin Congress, Rome, Italy.
25. Twin studies of aging and development. 44th Annual Scientific Meeting of the Gerontological Society of America, San Francisco, California, November, 1991.
26. Personality correlates of twins at high risk for Alcoholism. Research Society on Alcoholism Annual Meeting, Florida, June 1991.
27. High-risk twin studies of alcoholism. Behavior Genetics Association Annual Meeting, St. Louis, Missouri, June 1991.
28. Genetic factors in human drug abuse. Annual Meeting of the Committee on Problems of Drug Dependence, Florida, June 1991.
29. The representativeness of treated alcoholics: Preliminary findings, Behavior Genetics Association Annual Meeting, Boulder, CO, July 1992.
30. A prospective high-risk twin study of alcohol and substance abuse. Behavior Genetics Association Annual Meeting, Boulder, CO, July 1992.
31. Marital history and personality: A genetic analysis. Behavior Genetics Association Annual Meeting, Boulder, CO, July 1992.

32. A twin study of the role of personality in the genetics of alcoholism. Behavior Genetics Association Annual Meeting, Boulder, CO, July 1992.
33. Shared environmental influences on adolescent adjustment in a U.S. adoption cohort. Behavior Genetics Association Annual Meeting, July, 1994, Barcelona, Spain.
34. An exploration of the genetic influence in children's self-concept. Behavior Genetics Association Annual Meeting, July, 1994, Barcelona, Spain.
35. Sources of individual differences in information processing in later life. Gerontological Society of America, Annual Meeting, November 1994, New Orleans, Louisiana.
36. A quantitative genetic analyses of speed mediation in cognitive processes. Gerontological Society of America, Annual Meeting, November 1994, New Orleans, Louisiana.
37. The effects of common rearing: Evidence from a U.S. adoption cohort. Society for Research in Child Development Joint Meetings, March, 1995. Indianapolis, Indiana. March, 1995.
38. Personality and the inheritance of alcoholism. Research Society on Alcoholism Annual Meeting, Steamboat Springs, Colorado. June, 1995.
39. Genetic and environmental influences on adolescent personality and behavior: A developmental perspective. Behavior Genetics Association Annual Meeting, Richmond Virginia, June, 1995.
40. Significant sex-differences in the heritability of body mass index in middle-aged and elderly Danish twins. Behavior Genetics Association Annual Meeting, Richmond Virginia, June, 1995.
41. Nonadditivity and sex differences in heritability of MPQ personality factors. Behavior Genetics Association Annual Meeting, Richmond Virginia, June, 1995.
42. Shared and non-shared environmental contributions to antisocial behavior in child and adolescent twins. Behavior Genetics Association Annual Meeting, Richmond Virginia, June, 1995.
43. How heritable is human longevity? A population based study of 2803 twin pairs. Eighth International Twin Congress. Richmond, Virginia, May, 1995.
44. A twin study of adolescent alcohol, tobacco, and drug use. Behavior Genetics Association Annual Meeting, Pittsburgh, PA, June 1996.
45. A twin study of state and trait anxiety in childhood and adolescence. Behavior Genetics Association Annual Meeting, Pittsburgh, PA, June 1996.
46. Behavioral genetic analysis of the socialization scale and its correlates. Behavior Genetics Association Annual Meeting, Pittsburgh, PA, June 1996.
47. The genetic epidemiology of late-life depression. Behavior Genetics Association Annual Meeting, Pittsburgh, PA, June 1996.
48. Genotype-environment processes in the onset of early adolescent substance use. Behavior Genetics Association Annual Meeting, Toronto, Canada, July, 1997.
49. Relationship of adolescent substance use with parents' substance use during adolescence and parents' attitudes towards adolescent substance use. Behavior Genetics Association Annual Meeting, Toronto, Canada, July, 1997.

50. A twin family study of delinquency. Behavior Genetics Association Annual Meeting, Toronto, Canada, July, 1997.
51. The genetic epidemiology of cognitive functioning in the elderly. Behavior Genetics Association Annual Meeting, Toronto, Canada, July, 1997.
52. An examination of the heritability common to attitude and achievement. Behavior Genetics Association, Stockholm, Sweden, June, 1998.
53. A twin study of stability and change in late-life cognitive functioning. Behavior Genetics Association, Stockholm, Sweden, June, 1998.
54. Blood pressure in birth weight discordant twins. International Twin Congress, Helsinki, Finland, June 1998.
55. Scholastic motivation and academic achievement: An analysis of heritability estimates. Paper presented at the annual meeting of the Behavior Genetics Association, Vancouver, Canada, July 1999.
56. Early adolescent substance use: A search for gene-environment interactions and an understanding of the contribution of personality. Paper presented at the annual meeting of the Behavior Genetics Association, Vancouver, Canada, July 1999.
57. A biometric analysis of personality traits and externalizing disorders. Paper to be presented at the annual meeting of the Behavior Genetics Association, Burlington Vermont, July 2000.
58. Gender differences and interactive effects in the etiology of early adolescent substance abuse. Paper presented at the annual meeting of the Behavior Genetics Association, Burlington Vermont, July 2000.
59. Childhood psychopathology and the development of substance disorder symptomatology in preadolescent girls: A longitudinal study. Paper presented at the annual meeting of the Research Society on Alcoholism, Denver, June 2000.
60. Genetic relationships between personality and disordered eating. American Psychological Society, May, 2001.
61. Age differences in the heritability of depression symptomatology. Behavior Genetics Association, Cambridge, England, July 2001
62. The Sibling Interaction and Behavior Study: Search for shared environmental influences on adolescent development, Behavior Genetics Association, Cambridge, England, 2001.
63. Covariation among childhood externalizing disorders: Identifying shared environmental contributions, Behavior Genetics Association, Cambridge, England, 2001.
64. Long-lived parents predictive of successful aging? Gerontological Society of America, New Orleans, November 2001.
65. Psychophysiological index of risk for disinhibitory psychopathology, Society for Psychophysiological Research, Montreal Canada, October, 2001.
66. Etiologic connections among externalizing disorders and personality, Society for Psychophysiological Research, Montreal Canada, October, 2001.

67. Brain potential correlates of latent externalizing dimension of psychopathology, Society for Psychophysiological Research, Montreal Canada, October, 2001.

(e) Invited Colloquia and Symposium Presentations

1. The Tecumseh Community Health Survey: A review of genetic design, analysis and prospects. Genetic Epidemiology of Coronary Heart Disease, St. Louis, Missouri, August, 1983.
2. Analysis of schizophrenia family data. MacArthur Symposium on Multivariate and Developmental Behavior Genetics, Boulder, Colorado, May 1985.
3. Personality and the inheritance of alcoholism. Hennepin County Medical Center, January, 1989.
4. A twin study of normal aging. Geriatric Research and Education Clinical Center, Minneapolis VA, January, 1989.
5. The Behavioral Genetics of Alcoholism: Findings and Prospects. NIAAA sponsored conference on the Development of Alcohol-related problems in high-risk youth: Establishing linkages across biogenetic and psychosocial domains, Washington D.C., November, 1991.
6. From proteins to cognitions: The behavioral genetics of alcoholism. 100th Annual Meeting of the American Psychological Association, Washington D.C., August 1992. Invited symposium contribution.
7. Behavioral genetics of cognitive ability: A life-span perspective. 100th Annual Meeting of the American Psychological Association, Washington D.C., August 1992. Invited symposium contribution.
8. Is there a place for behavioral genetics in the mainstream of developmental psychology? Invited comments at the 27th Minnesota Symposium on Child Psychology, University of Minnesota, October 1992.
9. Genetic and environmental influences on behavior throughout the lifespan. Invited presentation at the Lifespan Development Conference on Assessment of Biological Mechanisms Across the Life Span, Southern Illinois University, March 1993.
10. The Behavioral Genetics of Addictions. Invited Colloquium, Minneapolis VA Center, June, 1993.
11. Inheritance of alcoholism in women. National Institute on Alcohol Abuse and Alcoholism Workshop on Women and Alcohol, September 1993, Bethesda, Maryland.
12. Genotype-environment correlation and interaction in the etiology of substance abuse and related disorders. National Institute on Drug Abuse Technical Review on Individual differences in the biobehavioral etiology of drug abuse, September 1993, Bethesda, Maryland.
13. Is there anything to behavioral genetics beyond the estimation of heritability? University of South Florida, Department of Psychology invited colloquium, March 1994.
14. Genetics and Adoption. Invited presentation at the Adoptive Families of America National Conference. June, 1994, St. Paul, Minnesota.
15. The inheritance of human longevity. Odense workshop on oldest-old trajectories. #1: Twins and centenarians. Hindsø, Denmark. September, 1994.

16. Adoption and genetics. Workshop sponsored by Spence and Chappin Adoption Agency. New York, New York, March, 1996.
17. Behavioral Genetic Models of Alcoholism. Grand Rounds, Department of Psychiatry, University of Minnesota, December, 1996.
18. If Alcoholism is Genetic Does that Mean it is Biological? Invited symposium participant at the AAAS meeting in Seattle, Washington, February, 1997.
19. Twin Studies of Alcoholism. Invited talk to the American Association of Addictive Medicine, San Diego, California, April, 1997.
20. Behavioral Genetic Models of Nicotine Dependence. Invited talk at the Committee for the Prevention of Drug Dependence annual meeting, Nashville Tennessee, June, 1997
21. Twin and adoption studies on alcoholism: Findings and prospects. National Institute on Alcohol Abuse and Alcoholism Extramural Scientific Advisory Board on Genetics, Rockville, MD, November, 1997.
22. Genetics of Addiction. Invited talk at the Minnesota Center on Addiction Studies Annual Meeting, Minneapolis, April, 1998.
23. Behavioral Genetics of Alcoholism. Invited talk at the American Psychological Society Annual Meeting, Washington D.C., May, 1998.
24. The cognitive and emotional functioning of older adults. Invited colloquium, Odense University, Denmark, December, 1998.
25. The Minneosta Twin Studies. Keio University, Tokyo Japan, July 1998.
26. Personality and Aging: A Behavioral Genetic Perspective. National Institute on Aging, Bethesda Maryland, February, 1999.
27. Twins: What they tell us about the origins of human behavior. Scripps College Humanities Institute, April, 1999.
28. The causes and consequence of early onset drinking. Lyon-Voorhees Lecture in the Department of Psychiatry at the University of Colorado School of Medicine, May 2000.
29. The origins of disinhibitory psychopathology. Invited colloquium, Institute of Behavior Genetics, Boulder, Colorado, May, 2001.
30. The causes and consequence of early onset drinking. Ground Rounds, Department of Psychiatry, Robert Wood Johnson Medical School, Piscataway, New Jersey, April, 2000
31. Quantifying the Nature-Nurture debate. Third Chance Lecture Series, Dartmouth College, Hanover, New Hampshire, December, 2000.
32. Adolescent substance use: A behavioral genetic perspective. Festschrift in honor of Irving I. Gottesman, Minneapolis, June, 2002.
33. The Nature and Nurture of Human Behavioral Differences. Becoming Human and Beyond: A Conference on the Origin, Constitution and Future of Human Nature. Field Museum, Chicago, November, 2001.

34. Behavioral Genetic Research on General Intelligence (IQ). Hasting Center Project and Behavior Genetics and Ethics, Washington DC, November, 2001.
35. The Behavioral Genetics of General Cognitive Ability (IQ): Past, Present (& Future). Invited address at American Association for the Advancement of Science (AAAS) annual meeting in Boston, February, 2002.

***Teaching Activities***

- (a) Courses: (\* indicates course offered regularly)

Psy 5-137	Introduction to Behavioral Genetics (*, Fall)
Psy 5-138	Psychology of Aging (*, Spring)
Psy 8-935	Seminar in Behavioral Genetics (*, Spring)
Psy 8-993	Graduate Statistics in Psychology (*, Fall)
PubH 5-520	Multidisciplinary Perspectives on Aging (team taught)
Psy 8-900	Late Life Psychopathology
Psy 8-935	Current Research in Behavioral Genetics (*, Fall & Spring)
Psy 8-970-8	Twin-family research on alcoholism and substance abuse (with Iacono)

- (b) Graduate (Ph.D.) Advisees

Completed:

Margaret Keyes (Ph.D., completed in 1989, now a Research Associate in Department of Psychology, University of Minnesota)

Debbie Finkel (Ph.D., completed in 1992, now an Associate Professor of Psychology, Indiana University, Southeast)

Crista Carmichael (Ph.D., completed in 1993, now a Research Scientist at National Computer Services)

John Billig (Ph.D., completed in 1993, now a Psychologist at Minneapolis VA Hospital)

Wendy Slutske (Ph.D. completed in 1993, now an Assistant Professor, Department of Psychology, University of Missouri, Columbia)

Julee Blake (Ph.D. completed in 1996)

Cong Han (M.A., completed in 1997, now a Ph.D. student in Biostatistics)

Victor Jockin (Ph.D., completed in 1998, now a Research Psychologist at AON Institute)

Current:

Lisa Legrand  
 Alexandra Burt  
 Josh Wooden  
 Wendy Johnson  
 Henry Yoon

- (c) Undergraduate Advisees

Completed:

Marvin Smith (summa thesis; completed in 1989)

Joetta Roehl (summa thesis; completed in 1989)

Sonja Benson (summa thesis; completed in 1990)  
Cynthia Byron (summa thesis; completed in 1990)  
Michelle Huber (summa thesis; completed in 1991)  
Ira Segal (summa thesis; completed in 1992)  
Jill Liebold (summa thesis; completed in 1993)  
Kelli Heller (summa thesis; completed in 1993)  
Karen Crouch (summa thesis completed in 1995)  
Staci Judd (summa thesis completed Spring, 2000)  
Rebecca Uran Markman (summa thesis completed Spring 2002)

Current:

Ben Stanley (summa thesis to be completed Spring 2003)

**Grants**

(a) Past

1. Genetic epidemiology of immunoglobulins and allergy. M. McGue (P.I.) (direct costs of \$55,585 1984-1985, NIH #AI21555)
2. Minnesota twin study of adult development. M. McGue (P.I.) (total direct costs of \$12,200, 1985-1987, U of M Graduate School).
3. Minnesota twin study of adult development. M. McGue & B. Hirsch (P.I.'s) (total direct costs of \$3,000, 1986-1987, Center for Urban and Regional Affairs).
4. Twin family study of alcoholism. R. Pickens/D. Lykken (P.I.'s) (total direct costs of \$571,921 for 3 years 1985-1988, NIAAA AA060500). (Role-develop analytical methods for genetic analysis of qualitative and mixed quantitative and qualitative twin family data; Effort = 10%)
5. Familial risk for articulation disorder. P. Broen & M. McGue (P.I.'s). (total direct costs of \$108,563 total direct costs for 1988-1990, NIH N525633).
6. Genetic and environmental determinants of behavior: A medical and psychological study of twins reared apart. T. Bouchard (P.I.). (\$100,000 total direct costs from 1987-1989).
7. Research training: Behavioral Genetics, H. Orr (P.I.) (\$94,951 annual direct costs, 1986-1992, MH14647) (Role-develop and administer program in psychology).
8. The Minnesota Twin Registry (MH37860), D. Lykken (P.I.). (\$641,000 total direct costs for 1987-1992).
9. Estimating familial environmental, non-familial environmental and genetic influences on ego-development, anti-social behavior, alcoholism and authoritarian attitudes. 7-1-90 to 6-31-92, \$100,000 total direct costs. Seaver Foundation T. Bouchard, D.T. Lykken & M. McGue (PIs).
10. Simulation PreResource for stochastic population models. E. Ackerman (P.I.) (\$3,305,015 total direct costs, 1986-1993, NIH # RR01632) (Role-program project, my project is titled Monte Carlo trials of genetic heterogeneity; Effort = 10%)
11. A Minnesota Center for Research on Developmental Disabilities, S. Hupp & A. Levine (P.I. s) (NIH, HD25710; \$280,000 annual direct costs for 7-1-89 to 6-30-93). (Role = affiliated faculty, no effort).

12. Biobehavioral training in developmental disabilities, National Institute of Child Health and Human Development (HD07279) \$210,563. , 7-1-90 to 6-30-95, M. Gunnar & R. Blum (PI) (Role = training faculty)
13. Training in the behavioral neuroscience of aging. (NIH, AG00198; \$117,600 annual direct costs for 7-1-90 to 6-30-95). G. Maletta (PI). (Role = training faculty)
14. A twin study of normal aging. M. McGue & B. Hirsch (P.I.'s) (\$396,433 direct costs for first three years, and \$863,810 for next five years, NIA, 1987-1996, AG06886).
15. National Institute of Alcohol Abuse and Alcoholism (KO2-AA00175) Mediators and moderators of alcoholism inheritance. 1-1-94 to 12-31-98. (total direct costs of \$383,857.) Research Scientist Development Award to M. McGue.
16. Pioneer Fund. Risk factors for criminality: A study of adult male twins. 11-1-93 to 10-31-98. (total direct costs of \$299,621.) D.T. Lykken, M. McGue, T.J. Bouchard, & A. Tellegen (PI).

(b) Current

1. Twin family study of vulnerability to substance abuse. D. Lykken, M. McGue, W. Iacono & A. Tellegen (P.I.'s). (\$2,437,395 total direct costs for 1987-1992, NIDA, DA05147; renewed in 1993 for additional \$4,153,937 for 1993-1998, competitive renewal submitted 1 Nov 1997 with renewal funding beginning on 9-1-98 and running through 8-30-03 with total direct costs during this period of \$2,424,248).
2. Oldest/old mortality: Demographic models and analyses (NIH, AG08761; annual direct costs of \$524,838 for 12-1-89 to 11-30-93; renewed for 1-1-94 to 12-31-98 for total costs of \$3,744,958) J. Vaupel (PI). (Role = co-principal investigator on one of the research components; competitive renewal to be submitted February 1998, and the renewal will be funded beginning 4-15-99 and running through 12-31-04 with total direct costs of \$9,219,230 during this period).
3. Training in applied aging research. (NIA, 1997-). R. Kane (PI). (Role = training faculty).
4. A twin study of female alcoholism & related disorders. National Institute of Alcohol Abuse and Alcoholism (AA09367) 7-1-92 to 8-31-98. (total direct costs of \$3,383,813; competitive renewal submitted Nov 1997, received a percentile score of less than 1.0 and total renewal funding of approximately \$2.5 million in direct costs scheduled to run from 12-1-98 through 11-30-03) M. McGue, W.G. Iacono, & D.T. Lykken (PI).
5. Neurobehavioral aspects of personality and psychopathology. National Institute of Mental Health (MH17069). Annual direct costs of \$64,496. 7-1-92 to 6-30-97; renewed from 7-01-97 through 6-30-02. W.G. Iacono (PI) (Role = training faculty; this training grant was recently renewed).
6. Sibling models of adolescent alcohol use and abuse (NIAAA, AA11886) M. McGue (PI). Funding began on 9-9-98 and will run through 8-31-03; total direct costs of \$1,610,948.
7. An inherited susceptibility to alcoholism (NIAAA AA11639). P. Manowitz (PI) (Role = Consultant). Requested funding of \$600,293 (direct) from 07/01/99 through 06/30/02.
8. Twin study of ADHD, CD and substance abuse (NIDA DA13240). W. Iacono (PI) (Role = Co-principal investigator). Direct costs of \$1,351,512 from 9-28-00 through 7-31-05.

## *Service*

### (a) Departmental

Chair, Computer Committee (Department of Psychology). (1986-1990)

Member, Journal Seminar Committee (Department of Psychology). (1986-1989)

Member, Promotion and Tenure Committee (Department of Psychology). (1987-1988; 1996-1999)

Member, Teaching Assistant Committee (Department of Psychology). (1987-1988; 1991-1994)

Member, Counseling Search Committee (Department of Psychology). (1987-1988)

Member, School Psychology Search Committee (College of Education). (1987-1988)

Member, Curriculum Committee (Department of Psychology). (1987-1994; 1996-1999)

Director, Differential/Behavioral Genetics Graduate Training Program (Department of Psychology). (1987-1993; 2000-present)

Member, Executive Committee, (Department of Psychology), (1988-1990; 1992-1994; 2000-2002)

Affirmative Action Officer, Department of Psychology (1991-1992; 1993-1994)

Member, Clinical Psychology Search Committee (1991-1992)

Member, Introductory Psychology Committee (1991-1993)

Chair, Introductory Psychology Staffing Subcommittee (1991- 1992)

EEOC Officer, Department of Psychology (1992-1994)

Member, Computer Facilities Committee, Department Of Psychology (1992-1994)

Member, Social Psychology Search Committee (1993-1994; 1994-1995)

Member, Promotion and Tenure Committee (1996-)

Chair, Promotion and Tenure Committee (2001-)

Member, Curriculum Committee (1996-1999)

Member, Space Committee (1996-1999)

Member, Teaching Assistant Committee (2000-2001)

Associate Chair (1996-1999)

Chair (1999-2001)

### (b) College/University

Member, Quantitative Human Genetics Search Committee (Medical School). (1987; 1989)

Member, Behavioral Genetics Training Program Steering Committee (University of Minnesota). (1986-1992)

Member, Education and Psychology Policy & Review Council (1991-1994)

Member, Graduate Program Committee, Institute of Human Genetics, (1988-1995)

Member, Policy Committee, All University Council on Aging (1987-1995)

Member, Faculty Council for Developmental Disabilities Training Grant (1992-1995)

Member, CLA Assembly (1991-1993; 1994 –1998; 2000-2002)

Member, College of Liberal Arts, Budget Advisory Committee (1994-1995; 1996-1998, 2001-2003)

Co-chair, Committee on Graduate Minor in Gerontology (1992-1995)

Member, CLA Strategic Planning Advisory Committee (1995-1996)

Member, University Intellectual Property Policy Committee (1995-1996)

Member, University ICR Working Group (1995-1996)

Member, Graduate School Ad hoc Committee on Training in Research Ethics (1997)

Member, Assistant Professor Search Committee in Communication Disorders (1997-98)

Member, Search Committee for new Head of Psychiatry (1998-99)

Member, Executive Committee, Institute of Human Genetics (1999)

Associate Director, Center on Aging (1998- )

Member, Associate Dean Search Committee, College of Liberal Arts (2000)

Member, Sequicentennial Symposia Review Committee (2000)

Member, Coordinator of Research Development Search Committee, College of Liberal Arts (2000-2001)

Presenter, Responsible Conduct of Research 1, (2000-2001)

Member, University Senate (2001-2003)

(c) National

Chairman, Professional Affairs Committee, Behavioral Genetics Association. (1987)

Member, American Psychological Society, Human Capital Initiative Workshop on Combating Drug Abuse.  
(1994)

Member, American Psychological Association Task Force to revise Ethical Principles for the Conduct of  
Research with human participants. (1994-present)

Treasurer, Behavior Genetics Association (1996-1999)

Member, National Institute on Alcohol Abuse and Alcoholism National Advisory Committee (1997-2001).  
Also subcommittees on Research Priorities and MERIT Review.

President, Behavior Genetics Association (2002)

Chair, Program Committee for Behavior Genetics Association Annual Meeting (2001)