

Curriculum Vitae

Updated September, 2010

Michael C. Stallings, Ph.D.

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Education:

- 1993 Ph.D. Psychology (Area: Quantitative Psychology)
University of Southern California
- 1984 B.A. Psychology
California State University, Fullerton

Honors/ Awards:

- 2007 Fulker Award (presented by the Editor of Behavior Genetics for best paper published in the journal in 2006) for co-organizing and co-editing the July, 2006 special issue on "Challenges in Genetic Studies of the Etiology of Substance Use and Substance Use Disorders"
- 2004-2007 Elected Secretary of the Behavior Genetics Association
- 1999 Invited Faculty: European Association of Personality Psychology and International Society of Individual Differences Summer School on the Behavioral Genetic Analysis of Personality Structure and Development (Gent, Belgium; September 19-25)
- 1989 AARP Chairman's Research Scholarship Award
- 1984 B.A. with honors: California State University, Fullerton

Academic Positions:

- 2006- Associate Professor: Department of Psychology, University of Colorado, Boulder
- 1999-2006 Assistant Professor: Department of Psychology, University of Colorado, Boulder
- 1999- Faculty Fellow: Institute for Behavioral Genetics, University of Colorado, Boulder
- 1999 Invited Faculty: European Association of Personality Psychology and International Society of Individual Differences Summer School on the Behavioral Genetic Analysis of Personality Structure and Development (Gent, Belgium; September 19-25)
- 1997 Instructor: Introduction to Behavioral Genetics
Department of Psychology, University of Colorado, Boulder
- 1995 Co-Instructor: Graduate Seminar in Behavioral Genetics (Genetic Linkage Analysis; co-taught with Dr. David Fulker). Institute for Behavioral Genetics, University of Colorado, Boulder
- 1991 Instructor: Graduate-Level Statistics (General Linear Model); University of Southern California

Active Research Support:

- 2009-2014 NIDA Competitive Renewal, P60 DA011015, Center on Antisocial Drug Dependence: The Genetics of HIV Risk Behaviors.
John Hewitt, PI, Total UCB Direct Costs: \$11,307,295.
Component 2, Clinical Family and Community Twin, Family & Adoption Studies.
Michael Stallings, PI, Subcomponent to IBG, Total Direct Costs: \$2,461,129.
Core B, Data Management, Informatics, and Biostatistics. Michael Stallings, Co-I, Subcomponent to IBG, Total Direct Costs: \$188,118.
- 2008-2013 NIDA R01 DA012845-01A2, Genetics of Adolescent Antisocial Drug Dependence (COMRAD)
John Hewitt, PI, Michael Stallings, Co-I, Subcomponent to IBG, Total Direct Costs: \$268,143.
- 2005-2010 NICHD R01 HD047264, Etiology of Reading Disabilities and Comorbid ADHD.
Erik Willcutt, PI, Michael Stallings, Co-I, Total Direct Costs: \$1,557,051.
- 2010-2015 NICHD R01, A Genetic Study of Personal Traits that Promote or Inhibit Individual Well-Being
Multiple PIs: Michael Stallings, Rand Conger, Brent Donnellan; Total Direct Costs: \$4,074,848.

Pending Research Support:

None currently

Previous Research Support:

- 2003-2008 NICHD Competitive Renewal, R01 HD036773, Nature & Nurture in Social Demography: An Adoption Study. Michael Stallings, PI, Total Direct Costs: \$1,237,562.
- 2003-2008 NIDA R01 DA015522, A Family Study of Substance Use and Conduct Disorder. Christian Hopfer, PI, Total Direct Costs: \$1,756,310. Michael Stallings, PI, Subcomponent to IBG, Total Direct Costs: \$78,293.
- 2003-2008 NIDA Competitive Renewal, P60 DA011015, Antisocial Drug Dependence: Genetics.
Thomas Crowley, PI, Total Direct Costs: \$8,189,686.
Component 1, Susceptibility Loci: Adolescent Polysubstance Dependence.
Michael Stallings, PI, Subcomponent to IBG, Total Direct Costs: \$44,844.
Component 2, Familial Aggregation of Antisocial Substance Dependence.
Michael Stallings, PI, Subcomponent to IBG, Total Direct Costs: \$934,432.
Component 3, Longitudinal Adoption Study of Transitions in Adult Substance Use.
Michael Stallings, Co-I, Subcomponent to IBG, Total Direct Costs: \$490,758.
Core B, Informatics. Michael Stallings, Co-I, Subcomponent to IBG,
Total Direct Costs: \$177,699.
- 2001-2006 NIDA R01 DA014642, Progression of Craving and Addiction: Genetic Factors.
Kent Hutchison, PI, Total Direct Costs: \$1,000,000.
Michael Stallings, Co-I, Subcomponent to IBG, Total Direct Costs: \$298,076.
- 2001-2006 NIAAA R01 AA011949, NYS Family Study: Problem Alcohol Use and Problem Behaviors.
Scott Menard, PI, Total Direct Costs: \$4,683,070.
Michael Stallings, Co-I, Subcomponent to IBG, Total Direct Costs: \$946,204.
- 2000-2005 NIDA R01 DA012845, Genetics of Adolescent Antisocial Drug Dependence.
Thomas Crowley, PI, Total Direct Costs: \$3,902,997.
Michael Stallings, PI, Subcomponent to IBG, Total Direct Costs: \$323,361.
- 2000-2003 NIA R01 AG017949, Biometrical Analysis of Personality in Adulthood.
Michael Stallings, PI, Total Direct Costs: \$225,000.

- 1997-2002 NIDA P60 DA011015, Antisocial Drug Dependence: Genetics and Treatment. Thomas Crowley, PI, Total Direct Costs: \$5,410,961.
Component 1, Adolescent Drug/Alcohol Dependence: Chromosomal Loci. Michael Stallings, Co-I, Subcomponent to IBG, Total Direct Costs: \$247,318.
Component 2, Familial Aggregation of Antisocial Substance Dependence. Michael Stallings, PI, Subcomponent to IBG, Total Direct Costs: \$619,428.
Core B, Assessment. Michael Stallings, Co-I, Subcomponent to IBG, Total Direct Costs: \$99,628.
- 1996-1998 NIDA R03 DA10540, Familial Aggregation of Substance Abuse and Comorbidity. Michael Stallings, PI, Total Direct Costs: \$98,859.
- 1994-1996 NIDA F32 DA05570 NRSA Individual Research Service Award, Understanding Familial Aggregation for Substance Abuse. Michael Stallings, PI, Total Direct Costs: \$40,200.

Refereed Publications (* = predoctoral student/mentored publications; ** = postdoctoral trainee):

- 71) Sakai et al. Oxytocin SNPs and CD
- 70) *Bricker J.B., Stallings, M.C., Corley, R.P., Haberstick, B.C, Smolen, A., Stetler, G., Young, S. E., Hewitt, J. K., DeFries, J. (submitted). Association between age of sexual initiation and dopamine-encoding genes in an adolescent and young adult sample.
- 69) *Munn, M. A., McQueen, M. B., Stetler, G. L., Rhee, S., Sobik, L. E., Corley, R. P., Smolen, A., Hewitt, J. K., and Stallings, M. C. (submitted). Examining associations between disordered eating characteristics and polymorphisms in the serotonin transporter gene.
- 68) **Button, T. M. M., Hewitt, J. K., Rhee, S., Corley, R. P., Young, S. E., and Stallings, M. C. (submitted). A longitudinal twin analysis of vulnerability to substance dependence.
- 67) Zeiger, J. S., Haberstick, B. C., Corley, R. P., Ehringer, M. A., Crowley, T. J., Hewitt, J. K., Hopfer, C. J., Stallings, M. C., Young, S. E. and Rhee, S. (2010). Subjective effects to marijuana associated with marijuana use in community and clinical subjects. *Drug and Alcohol Dependence*, 109(1-3): 161-166. *PMCID pending*
- 66) McClelland, M. M., Piccinin, A. and Stallings, M. C. (in review). Preschool attention and sociability and later achievement. *Journal of Applied Developmental Psychology*.
- 65) Bontempo, D., Hofer, S. M. and Stallings, M. C. (submitted). Evidence for age and gender factorial invariance of the Eysenck Personality Questionnaire in later adulthood.
- 64) Stetler, G. L., McQueen, M. B., Meinerz, N. M., Smolen, A., Stallings, M. C., Crowley, T. J. and Sakai, J. T. (submitted). Family-based association tests: The HTR1B serotonin receptor and conduct disorder phenotypes.
- 63) Sakai, J. T., Boardman, J. D., Gelhorn, H., Smolen, A., Corley, R. P., Huizinga, D., Menard, S., Hewitt, J. K. and Stallings, M. C. (2010). Using trajectory analyses to refine phenotype for genetic association: Conduct problems and the serotonin transporter (5HTTLPR). *Psychiatric Genetics*, 20(5):199-206. *PMCID pending*
- 62) **Button T. M., Stallings, M.C., Rhee, S.H., Corley, R.P., and Hewitt, J.K. (2010). The etiology of stability and change in religious values and religious attendance. *Behavior Genetics*. *PMCID pending*
- 61) *Munn, M. A., Stallings, M. C., Rhee, S., Sobik, L. E., Corley, R. P., Rhea, S. A., and Hewitt, J. K. (in press). Bivariate analysis of disordered eating characteristics in adolescence and young adulthood. *International Journal of Eating Disorders*. *PMCID pending*
- 60) Button, T. M., Hewitt, J. K., Rhee, S. H., Corley, R. P., and Stallings, M. C. (2010). The moderating effect of religiosity on the genetic variance of problem alcohol use. *Alcoholism Clinical & Experimental Research*, 34(9): 1619-1624. *PMCID pending*

- 59) Sakai, J. T., Stallings, M. C., Crowley, T. J., Gelhorn, H. L., McQueen, M. B. and Ehringer, M. A. (2010). Test of association between GABRA2 (SNP rs279871) and adolescent conduct/alcohol use disorders utilizing a sample of clinic referred youth with serious substance and conduct problems, controls and available first degree relatives. *Drug and Alcohol Dependence*, 106(2-3): 199-203. *PMCID pending*.
- 58) Palmer, R. H. C., Young, S.E., Hopfer, C.J., Corley, R.P., Stallings, M.C., Crowley, T.J. and Hewitt, J.K. (2009). Developmental epidemiology of drug use and abuse in adolescence and young adulthood: Evidence of generalized risk, *Drug and Alcohol Dependence*, 102(1-3): 78-87. *PMCID: PMC2746112*
- 57) Gelhorn H, Hartman C, Sakai J, Stallings M, Young S, Rhee SH, Corley R, Hewitt J, Hopfer C, Crowley T (2009). An item response theory analysis of DSM-IV conduct disorder symptoms. *J Am Acad Child Adolesc Psychiatry*, 48(1):42-50. *PMCID: PMC2773289*
- 56) **Button TM, Stallings MC, Rhee SH, Corley RP, Boardman JD, Hewitt JK (2009). Perceived peer delinquency and the genetic predisposition for substance dependence vulnerability. *Drug Alcohol Depend*, 100(1-2): 1-8. *PMCID:PMC2663024*
- 55) Hartman CA, Gelhorn H, Crowley TJ, Sakai JT, Stallings M, Young SE, Rhee SH, Corley R, Hewitt JK, Hopfer CJ (2008). Item response theory analysis of DSM-IV cannabis abuse and dependence criteria in adolescents. *J Am Acad Child Adolesc Psychiatry*, 47(2):165-73. *PMCID: PMC2443687*
- 54) Gelhorn H, Hartman C, Sakai J, Stallings M, Young S, Rhee SH, Corley R, Hewitt J, Hopfer C, Crowley T (2008). Toward DSM-V: An item response theory analysis of the diagnostic process for DSM-IV alcohol abuse and dependence in adolescents. *J Am Acad Child Adolesc Psychiatry*, 47(11):1329-39. *PMCID: PMC2800944*
- 53) Corley RP, Zeiger JS, Crowley T, Ehringer MA, Hewitt JK, Hopfer CJ, Lessem J, McQueen MB, Rhee SH, Smolen A, Stallings MC, Young SE, Krauter K (2008). Association of candidate genes with antisocial drug dependence in adolescents. *Drug Alcohol Depend*, 96(1-2):90-98. *PMCID: PMC2574676*
- 52) *Hawke, J. L., Stallings, M. C., Wadsworth, S. J. and DeFries, J. C. (2008). DeFries-Fulker and Pearson-Aitken model-fitting analyses of reading performance data from selected and unselected twin pairs. *Behavior Genetics*, 38, 101-107. *PMCID pending*
- 51) Ray, L. A., Rhee, S. H., Stallings, M. C., Knopik, V. and Hutchison, K. E. (2007). Examining the heritability of a laboratory-based smoking phenotype: Initial results from an experimental twin study. *Twin Research & Human Genetics*, 10:546-53.
- 50) Ehringer, M.A., Clegg, H.V., Collins, A.C., Corley, R.P., Crowley, T., Hewitt, J.K., Hopfer, C.J., Krauter, K., Lessem, J., Rhee, S.H., Schlaepfer, I., Smolen, A., Stallings, M.C., Young, S.E., Zeiger, J.S. (2007) Association of the neuronal nicotinic receptor beta2 subunit gene (CHRNA2) with subjective responses to alcohol and nicotine. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, 144B, 596-604.
- 49) Haberstick, B. C., Timberlake, D., Smolen, A., Sakai, J.T., Hopfer, C.J., Corley, R.P., Young, S.E., Stallings, M.C., Huizinga, D., Menard, S., Hartman, C., Grotper, J., and Hewitt, J.K. (2007). Between- and within-family association test of the dopamine receptor D2 TaqIA polymorphism and alcohol abuse and dependence in a general population sample of adults. *Journal of Studies on Alcohol and Drugs*, 68, 362-370. *PMCID: PMC2507866*
- 48) Schlaepfer, I. R., Clegg, H. V., Corley, R. P., Crowley, T. J., Hewitt, J. K., Hopfer, C. J., Krauter, K., Lessem, J. M., Rhee, S. H., Stallings, M. C., Wehner, J. M., Young, S. E., and Ehringer, M. A. (2007). The human protein kinase c gamma gene (PRKCG) as a susceptibility locus for behavioral disinhibition. *Addiction Biology*, 12, 200-209.
- 47) Hopfer, C. J., Lessem, J. M., Hartman, C. A., Stallings, M. C., Cherny, S. S., Corley, R. P., Hewitt, J. K., Krauter, K. S., Mikulich-Gilbertson, S. K., Rhee, S. H., Smolen, A., Young, S. E. and Crowley, T. J. (2007). A genome-wide scan for loci influencing adolescent cannabis dependence symptoms: Evidence for linkage on chromosomes 3 and 9. *Drug and Alcohol Dependence*, 89, 34-41. *PMCID: PMC1892279*
- 46) Sakai, J. T., Young, S. E., Stallings, M. C., Timberlake, D. and Crowley, T. J. (2007). Test of association between TaqIA A1 allele and alcohol use disorder phenotypes in a sample of adolescent patients with serious substance and behavioral problems. *Drug and Alcohol Dependence*, 88, 130-137.

- 45) **Button, T. M. M., Hewitt, J. K., Rhee, S-H., Young, S.E., Corley, R.P., and Stallings, M. C. (2007). The role of conduct problems in explaining the comorbidity between alcohol and drug dependence in adolescence. *Drug and Alcohol Dependence*, 87, 46-53.
- 44) Hartman, C. A., Lessem, J. M., Hopfer, C. J., Crowley, T. J. and Stallings, M. C. (2006). The family transmission of adolescent alcohol abuse and dependence. *Journal of Studies on Alcohol*, 67, 657-664.
- 43) *Bricker, J. B., Stallings, M. C., Corley, R. P., Wadsworth, S. J., Bryan, A., Timberlake, D., Hewitt, J. K., Caspi, A. and DeFries, J. C. (2006). Genetic and environmental influences on age at sexual initiation in the Colorado Adoption Project. *Behavior Genetics*, 36, 820-832.
- 42) Hopfer, C. J., Young, S. E., Purcell, S., Crowley, T. J., Stallings, M. C., Corley, R. P., Rhee, S-H, Smolen, A., Krauter, K. S., Hewitt, J. K. and Ehringer, M. A. (2006). Cannabis receptor haplotype associated with fewer cannabis dependence symptoms in adolescents. *American Journal of Human Genetics (Neuropsychiatric Genetics)*, 141, 895-901. *PMCID: PMC2564870*
- 41) Rhee, S., Hewitt, J. K., Young, S. E., Corley, R. P., Crowley, T. J. and Stallings, M. C. (2006). Comorbidity between alcohol dependence and illicit drug dependence in adolescents with antisocial behavior and matched controls. *Drug and Alcohol Dependence*, 84, 85-92.
- 40) Sakai, J. T., Young, S. E., Stallings, M. C., Timberlake, D. and Crowley, T. J. (2006). A case-control and within-family tests for an association between conduct disorder and 5HTTLPR. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, 141, 825-832.
- 39) Prescott, C. A., Madden, P. A. F., and Stallings, M. C. (2006). Challenges in genetic studies of the etiology of substance use and substance use disorders: Introduction to the special issue. *Behavior Genetics*, 36, 473-482. (2007 Fulker Award from the Editor of Behavior Genetics)
- 38) Huizinga, D., Haberstick, B. C., Smolen, A., Menard, S., Young, S. E., Corley, R. P., Stallings, M. C. and Hewitt, J. K. (2006). Childhood maltreatment, subsequent antisocial behavior, and the role of MAO-A genotype. *Biological Psychiatry*, 677-683.
- 37) Young, S. E., Rhee, S-H, Stallings, M. C., Corley, R. P. and Hewitt, J. K. (2006). Common genetic etiology underlying symptoms of tobacco, alcohol, and marijuana dependence in adolescents. *Behavior Genetics*, 36, 603-615.
- 36) **Button, T. M. M., Hewitt, J. K., Rhee, S-H., Young, S.E., Corley, R.P., and Stallings, M. C. (2006). Examination of the causes of covariation between conduct disorder symptoms and vulnerability to drug dependence. *Twin Research*, 9, 38-45
- 35) *Gelhorn, H. L., Stallings, M. C., Young, S. E., Corley, R. P., Rhee, S., Hopfer, C. and Hewitt, J. K. (2006). Common and specific genetic influences on aggressive and non-aggressive conduct disorder. *Journal of the American Academy of Child and Adolescent Psychiatry*, 45, 570-577.
- 34) Young, S. E., Smolen, A., Hewitt, J. K., Haberstick, B. C., Stallings, M. C., Corley, R. P., and Crowley, T. J. (2006). Interaction between MAO-A genotype and maltreatment in the risk for conduct disorder: Failure to confirm in adolescent patients. *American Journal of Psychiatry*, 163, 1019-1025.
- 33) Stallings, M. C., Corley, R. P., Dennehey, B., Hewitt, J. K., Krauter, K. S., Lessem, J. M., Mikulich, S. K., Rhee, S. H., Smolen, A., Young, S. E. and Crowley, T. J. (2005). A genome-wide search for quantitative trait loci that influence antisocial substance dependence in adolescence. *Archives of General Psychiatry*, 62, 1042-1051.
- 32) Loehlin, J., Jonsson, E. G., Gustavsson, J. P., Schalling, M., Stallings, M. C., Gillespie, N. A., Wright, M. J., and Martin, N. G. (2005). Psychological masculinity-femininity via the gender diagnosticity approach: Heritability and consistency across ages and populations. *Journal of Personality*, 73, 1295-1319.
- 31) *Gelhorn, H. L., Stallings, M. C., Young, S. E., Corley, R. P., Rhee, S. and Hewitt, J. K. (2005). Genetic and environmental influences on conduct disorder: Symptom, domain and full-scale analyses. *Journal of Child Psychology and Psychiatry*, 46, 580-591.
- 30) *Siewert, E. A., Stallings, M. C. and Hewitt, J. K. (2004). Genetic influences on vulnerability to, and protective factors for, adolescent drinking. *Twin Research*, 7, 617-625.

- 29) Sakai, J., Stallings, M. C., Mikulich, S. K., Corely, R. P., Young S. E. and Crowley, T. J. (2004). Mate similarity for substance dependence and antisocial personality disorder symptoms among parents of patients and controls. *Drug and Alcohol Dependence*, 75, 165-175.
- 28) *Heiman, N., Stallings, M. C., Young, S. E. and Hewitt, J. K. (2004). Investigating the genetic and environmental structure of Cloninger's personality dimensions in adolescence. *Twin Research*, 7, 462-470.
- 27) Hutchison, K. E., Stallings, M.C., McGeary, J. and Bryan, A. (2004). Population stratification in the genetic case control design: Fatal threat or red herring? *Psychological Bulletin*, 130, 66-79.
- 26) Rhee, S., Hewitt, J. K., Lessem, J. M., Stallings, M. C., Corley, R. P. and Neale, M. C. (2004). The validity of the Neale and Kendler model fitting approach in examining the etiology of comorbidity. *Behavior Genetics*, 34, 251-265.
- 25) *Siewert, E. A., Stallings, M. C. and Hewitt, J. K. (2004). Factor structure and concurrent validity of the Drug Use Screening Inventory in a community adolescent sample. *Addictive Behaviors*, 29, 627-638.
- 24) Stallings, M. C., Corley, R. P., Hewitt, J. K., Krauter, K. S., Lessem, J. M., Mikulich, S. K., Rhee, S. H., Smolen, A., Young, S. E. and Crowley, T. J. (2003). A genome-wide search for quantitative trait loci influencing substance dependence vulnerability in adolescence. *Drug and Alcohol Dependence*, 70, 295-307.
- 23) *Siewert, E. A., Stallings, M. C. and Hewitt, J. K. (2003). Genetic and environmental analysis of behavioral risk factors for adolescent drug use in a community twin sample. *Twin Research*, 6, 490-496.
- 22) Rhee, S., Hewitt, J. K., Young, S. E., Corley, R. P., Crowley, T. J. and Stallings, M. C. (2003). Genetic and environmental influences on substance initiation, use, and problem use in adolescents. *Archives of General Psychiatry*, 60, 1256-1264.
- 21) Young, S. E., Smolen, A., Stallings, M. C., Corley, R. P. and Hewitt, J. K. (2003). Sibling-based association analyses of the serotonin transporter polymorphism and internalizing behavior problems in children. *Journal of Child Psychology and Psychiatry*, 44, 961-967.
- 20) Hopfer, C. J., Stallings, M. C., Hewitt, J. K. and Crowley, T. J. (2003). Familial transmission of marijuana use, abuse and dependence. *Journal of the American Academy of Child and Adolescent Psychiatry*, 42, 834-84.
- 19) Loehlin, J., Jonsson, E. G., Gustavsson, J. P., Stallings, M. C. and Martin, N. G. (2003) The androgen receptor gene and psychological traits: Are results consistent in Sweden and Australia? *Twin Research*, 6, 201-208.
- 18) Rhee, S., Hewitt, J. K., Corley, R. P., and Stallings, M. C. (2003). The validity of analyses testing the etiology of comorbidity between two disorders: Comparison of disorder prevalences in families. *Behavior Genetics*, 33, 257-269.
- 17) *Adams, J. B., Heath, A. J., Young, S. E., Corley, R. P., Hewitt, J. K. and Stallings, M. C. (2003). Relationships between personality and preferred substance and motivations for use among adolescent substance abusers. *American Journal of Drug and Alcohol Abuse*, 29, 691-712. (Undergraduate Independent Study)
- 16) Rhee, S., Hewitt, J. K., Corley, R. P., and Stallings, M. C. (2003). The validity of analyses testing the etiology of comorbidity between two disorders: A review of family studies. *Journal of Child Psychology and Psychiatry*, 44, 612-636.
- 15) *Heiman, N., Stallings, M. C., Hofer, S. M. and Hewitt, J. K. (2003). Investigating age differences in the genetic and environmental structure of the Tridimensional Personality Questionnaire in later adulthood. *Behavior Genetics*, 33, 171-180.
- 14) Young, S. E., Corley, R. P., Stallings, M. C., Rhee, S., Crowley, T. J. and Hewitt, J. K. (2002). Substance use, abuse and dependence in adolescence: Prevalence, symptom profiles and correlates. *Drug and Alcohol Dependence*, 68, 309-322.

- 13) Bryan, A. D and Stallings, M. C. (2002). A case control study of adolescent risky sexual behavior and its relationship to personality dimensions, conduct disorder, and substance use. *Journal of Youth and Adolescence*, 31, 387-396.
- 12) Owens, J. C., Stallings, M. C. and Johnson, T. E. (2002). Genetic analysis of low-dose ethanol-induced activation (LDA) in Inbred Long Sleep (ILS) and Inbred Short Sleep (ISS) mice. *Behavior Genetics*, 32, 163-171.
- 11) Hopfer, C. J., Stallings, M. C. and Hewitt, J. K. (2001). Common genetic and environmental vulnerability for alcohol and tobacco use in a volunteer sample of older female twins. *Journal of Studies on Alcohol*, 62, 717-723.
- 10) Young, S. E., Stallings, M. C., Corley, R., Krauter, K S. and Hewitt, J. K. (2000). Genetic and environmental influences on behavioral disinhibition. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, 96, 684-695.
- 9) Stallings, M. C., Hewitt, J. K., Beresford, T., Heath, A. C., and Eaves, L. J. (1999). A twin study of drinking and smoking onset milestones and latencies from first use to regular use. *Behavior Genetics*, 29, 409-421.
- 8) Gabel, S., Stallings, M. C., Schmitz, S., Young S. E., and Fulker, D. W. (1999). Personality dimensions and substance misuse: Relationships in adolescents, mothers and fathers. *The American Journal on Addictions*, 8, 101-113.
- 7) *Miles, D. R., Stallings, M. C., Young, S. E., Hewitt, J. K., Crowley, T. J., and Fulker, D. W. (1998). A family history and direct interview study of the familial aggregation of substance use disorder: The Adolescent Substance Abuse study. *Drug and Alcohol Dependence*, 49, 105-114.
- 6) Gabel, S., Stallings, M. C., Young, S. E., Schmitz, S., Crowley, T. J. and Fulker, D. W. (1998). Parental variables in substance misusing adolescents: Importance of maternal disorder. *American Journal of Drug and Alcohol Abuse*, 24, 61-84.
- 5) Stallings, M. C., Cherny, S. S., Young, S. E., Miles, D. R., Hewitt, J. K., and Fulker, D. W. (1997). The familial aggregation of depressive symptoms, antisocial behavior, and alcohol abuse. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, 74, 183-191.
- 4) Stallings, M. C., Dunham, C., Gatz, M., Baker, L. A., & Bengtson, V. L. (1997). Relationships among life events and psychological well-being: More evidence for a two-factor theory of well-being. *Journal of Applied Gerontology*, 16, 104-119.
- 3) Gabel, S., Stallings, M. C., Schmitz, S., Young, S. E., Crowley, T. J. and Fulker, D. W. (1997). Personality dimensions in mothers and sons: Relationships to adolescent substance misuse. *Personality and Individual Differences*, 23, 79-86.
- 2) Stallings, M. C., Hewitt, J. K., Cloninger, C. R., Heath, A. C., and Eaves, L. J. (1996). Genetic and environmental structure of the Tridimensional Personality Questionnaire: Three or four primary temperament dimensions? *Journal of Personality and Social Psychology*, 70, 127-140.
- 1) Hofer, S. M., Stallings, M. C., Reynolds, C., Cliff, N., and Russell, G. L. (1994). What criteria define a successful career in psychology? It depends on who you ask. *Educational and Psychological Measurement*, 54, 447-458.

Book Chapters:

- Stallings, M. C. (in preparation). Genetic Epidemiology and Molecular Genetics. In K. Sher (Ed), Oxford University Press, Handbook on Substance Abuse.
- Giarrusso, R., Stallings, M. C., and Bengtson, V. L. (1994). The "Intergenerational Stake" hypothesis revisited: Parent-child differences in perceptions of relationships 20 years later. In V. L. Bengtson, K. W. Schaie, and L. Burton (Eds.). *Intergenerational Issues in Aging*, (pp. 227-263) NY: Springer Pubs.

Invited Presentations:

Invited Faculty: University of Colorado Population Center Short Course in Biodemography; Lecture: "Behavior Genetics: Theory, Substance, and Methods"; June 11-13, 2007; University of Colorado, Boulder.

Invited Discussant: Behavior Genetics Association Symposium: "International collaboration towards an integrated model of personality from a behavioral genetic perspective," organized by Juko Ando at the 35th annual meeting of the Behavior Genetics Association, Los Angeles, CA, June 30, 2005.

Invited Participant: National Institute on Drug Abuse Genetic Epidemiology Portfolio Review Meeting, Rockville MD, February 22, 2005

Invited Speaker: Stallings, M. C., Corley, R. P., Dennehey, B., Hewitt, J. K., Krauter, K. S., Lessem, J. M., Mikulich, S. K., Rhee, S. H., Smolen, A., Young, S. E. and Crowley, T. J. "A genome-wide search for quantitative trait loci influencing antisocial substance dependence in adolescence." Invited paper presented as part of a symposium organized by the National Institute on Drug Abuse at the XIth World Congress of Psychiatric Genetics, Quebec City, Quebec, October 4-8, 2003.

Invited Speaker: National Institute on Drug Abuse, "Heterogeneity of Drug Abuse Meeting"; May 22-23, 2003; Bethesda, MD; Presentation: "Treating the Family as the Unit of Analysis: Modeling Familial Resemblance for Substance Abuse Vulnerability Utilizing Clinical and Control Family Pedigrees."

Invited Speaker: National Institute on Aging, "Genetics, Behavior and Aging Meeting"; March 29, 2002; Bethesda, MD; Presentation: "Multivariate Structure of Adult Personality."

Invited Speaker: Keystone Symposia Meeting, "Genetics of Alcohol and Substance Abuse (B2)"; January 23-28, 2000; Tahoe City, CA; Presentation: "The Familial Aggregation of Antisocial Substance Dependence."

Invited Speaker: Stallings, M. C., Hewitt, J. K., Hofer, S. M., Heath, A. C. and Eaves, L. J. "Exploring the genetic and environmental structure of the Tridimensional Personality Questionnaire." Paper presented as part of a symposium organized by the lead author at the 30th annual meeting of the Behavior Genetics Association, Burlington, VT, June 29-July 1, 2000.

Invited Faculty: European Association of Personality Psychology and International Society of Individual Differences Summer School on the Behavioral Genetic Analysis of Personality Structure and Development, Gent, Belgium, September 19-25, 1999.

Published Abstracts (includes 1st author and student/mentored abstracts only):

Munn Eating Disorder Conference (October 2010)

Vandever WCPG presentation (October 2010)

Bricker SRA presentation (March 2010)

Bricker, J. B., Young, S. E., Corley, R. P., Schmitz, S., Stallings, M. C. (2009). Association between risky sexual behavior impulsivity, and attention problems in adolescents and young adults. *Behavior Genetics* 39(6): 638-639.

Munn, M.A., Stallings, M.C., McQueen, M.B., Stetler, G.L., Rhee, S.H., Sobik, L.E., Smolen, A., and Hewitt, J.K. (2009). Examining associations between disordered eating characteristics and serotonin transporter gene polymorphisms. *Behavior Genetics*, 39(6), 671-672.

Vandever, J. M., Button, T. M. M., Corley, R. P., Young, S. E., Hewitt, J. K., and Stallings, M. C. (2009). Using Cloinger's Tridimensional Personality Questionnaire to assess behavioral disinhibition. *Behavior Genetics* 39(6): 686.

Munn, M. A., Rhee, S., Corley, R. P. and Stallings, M. C. (2008). Genetic and Environmental relationships among disordered eating and internalizing symptoms in female twins. *Behavior Genetics*, 38, 640.

Stallings, M. C., Wadsworth, S. J., Corley, R. P., Button, T. M. M., Rhea, S. A., Hewitt, J. K., Plomin, R. and DeFries, J. C. (BGA 2007). Findings from the Colorado Adoption Project. *Behavior Genetics*, 37, 796.

Bricker, J. B., Stallings, M. C., Corley, R. P., Gelhorn, H., and DeFries, J. C. (BGA 2007). Association between age of sexual initiation and deviant behavior in combined twin and adoption samples. *Behavior Genetics*, 37, 741.

- Munn, M. A., Stallings, M. C., Rhee, S. H., Sobik, L., Corley, R. P., and Hewitt, J. K. (BGA 2007). Heritability of disordered eating characteristics in adolescence: An extended twin design. *Behavior Genetics*, 37, 778.
- Bicker, J. B., Stallings, M. C., Corley, R. P., Haberstick, B. C., Smolen, A., Stetler, G., Young, S. E., Hewitt, J. K., and DeFries, J. C. (2006). Association between age of sexual initiation and dopamine-encoding genes in combined twin and adoption samples. *Behavior Genetics*, 36, 957.
- Button, T. M. M., Rhee, S., Young, S. E., Corley, R. P., Stallings, M. C., and Hewitt, J. K. (2006). Elucidating the relationship between affiliation with delinquent peers and polysubstance dependence vulnerability. *Behavior Genetics*, 36, 959-960.
- Gelhorn, H. L., Stallings, M. C. and Hewitt, J. K. (2005). An investigation into the genetic etiology of adolescent antisocial behavior and conduct disorder: An application of item response theory. *Behavior Genetics*, 35, 801.
- Gelhorn, H. L., Stallings, M. C., Young, S. E., Corley, R. P., Rhee, S., and Hewitt, J. K. (2004). Genetic and environmental architecture of aggressive and non-aggressive conduct disorder. *Behavior Genetics*, 34, 640.
- Godinez, D. A., Stallings, M. C., Lessem, J. M. and Hewitt, J. K. (2004). Investigating age at onset twin analyses with simulated data. *Behavior Genetics*, 34, 641.
- Stallings, M. C., Corley, R. P., Dennehey, B., Hewitt, J. K., Krauter, K. S., Lessem, J. M., Mikulich, S. K., Rhee, S. H., Smolen, A., Young, S. E. and Crowley, T. J. (2003). A genome-wide search for quantitative trait loci influencing antisocial substance dependence in adolescence. *Behavior Genetics*, 33, 720.
- Heiman, N., Larsson, M., Stallings, M. C., Young, S.E., Smolen, A. and Hewitt, J. K. (2003). Novelty seeking and dopamine receptor polymorphisms in adolescents. *Behavior Genetics*, 33, 705.
- Gelhorn, H. L., Stallings, M. C., Young, S. E., Corley, R. P., Hewitt, J. K. and Crowley, T. J. (2003). A detailed investigation of DSM-IV conduct disorder symptoms: Heritability of individual items and a comparison of selected and unselected samples. *Behavior Genetics*, 33, 702.
- Godinez, D. A., Stallings, M. C., Young, S. E., Corley, R. P. and Hewitt, J. K. (2003). Investigating genetic and environmental influences on age at onset of alcohol use and the latency from first use to regular use in the Colorado Adolescent Twin Sample. *Behavior Genetics*, 33, 703.
- Stallings, M. C., Hofer, S. M. and Heiman, N. (2003). Factorial invariance of the Tridimensional Personality Questionnaire across later adulthood. *The Gerontologist*, 43, 398.
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- Stallings, M. C., Corley, R. P., Hewitt, J. K., Krauter, K. S., Lessem, J. M., Mikulich, S. K., Rhee, S. H., Smolen, A., Young, S. E. and Crowley, T. J. (2002). A genome-wide search for quantitative trait loci influencing substance dependence vulnerability. *Drug and Alcohol Dependence*, 66 (Supplement 1), S170.
- Gelhorn, H. L., Stallings, M. C., Young, S. E., Corley R. P., Hewitt, J. K. and Crowley, T. J. (2002). Substance use patterns and antisocial behavior in clinical family pedigrees. *Drug and Alcohol Dependence*, 66 (Supplement 1), S63.
- Heiman, N., Stallings, M. C., Young, S. E. and Hewitt, J. K. (2002). Heterogeneity of personality among adolescent males with substance abuse and conduct disorder. *Drug and Alcohol Dependence*, 66 (Supplement 1), S77.
- Stallings, M. C., Hewitt, J. K., Lessem, J. M., Young, S. E., Corley, R. P., Mikulich, S. K. and Crowley, T. J. (2001). Modeling the familial transmission of alcohol dependence symptom counts in clinical and control family pedigrees. *Behavior Genetics*, 31, 470.
- Stallings, M. C., Heiman, N. and Hofer, S. M. (2001). Investigating the genetic and environmental structure of personality in older adulthood. *The Gerontologist*, 41, 203.

- Stallings, M.C., Hewitt, J. K., Lessem, J. M., Young S. E., Corley, R. P., Mikulich, S. K. and Crowley, T. J. (2001). Familial transmission of alcohol dependence symptom counts in clinical and control family pedigrees. *Drug and Alcohol Dependence*, 63 (Supplement 1), S151.
- Heiman, N., Stallings, M. C., Hofer, S. M. and Hewitt, J. K. (2001). Investigating age differences in the genetic and environmental structure of the Tridimensional Personality Questionnaire in later adulthood. *Behavior Genetics*, 31, 454-455.
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- Stallings, M. C., Hewitt, J. K., Hofer, S. M., Heath, A. C., and Eaves, L. J. (1999). Exploring the genetic and environmental structure of the Tridimensional Personality Questionnaire. *Behavior Genetics*, 29, 370-371.
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Manuscripts in Preparation:

Haberstick et al., relational aggression paper

Haberstick et al., subjective effects paper

Zeiger, J. S., Haberstick, B. C., Corley, R. P., Ehringer, M. A., Crowley, T. J., Hewitt, J. K., Hopfer, C. J., Stallings, M. C., Young, S. E. and Rhee, S. (in preparation) Subjective effects of alcohol, tobacco and marijuana associated with cross-drug outcomes.

**Button, T. M. M., Haberstick, B.C., Rhea, S-A., Corley, R.P., Wadsworth, S.J., Hewitt, J.K., and Stallings, M.C. (in preparation). A genetic analysis of the longitudinal association between family conflict and externalizing behavior.

Stallings, M. C., Brown, S. A., Corley, R. P., Hewitt, J. K., Hopfer, C. J., Krauter, K. S., Lessem, J. M., McQueen, M., Mikulich, S. K., Rhee, S. H., Smolen, A., Tapert, S., Young, S. E. and Crowley, T. J. Linkage analysis of adolescent antisocial substance dependence: A replication study.

Stallings, M. C., Loehlin, J., Hofer, S. M., and Hewitt, J. K. The structure of temperament: A joint biometrical analysis of personality dimensions from the EPQ, TPQ, and KSP. *To be submitted to the Journal of Personality and Social Psychology.*

Stallings, M. C., Lessem, J. M., Cherny, S. S., and Hewitt, J. K. Analyzing psychiatric symptom count data through joint analyses of clinical and control families. *To be submitted to Behavior Genetics.*

Teaching and Mentoring:

Teaching Specialization:

Behavioral Genetics – Personality, Substance Abuse/Dependence, Psychopathology

Quantitative Genetics - Biometrical Methods for Behavior Genetics, Quantitative Genetics, QTL Mapping:
Genetic Linkage & Association

Quantitative Psychology - Statistics, Applied Multivariate Methods

Courses Taught: (since faculty appointment in Fall 1999)

Fall 2010: PSYC 5242 Biometrical Methods in BG (6 students); PSYC 8991 Dissertation IP (1 student)

Spring 2010: bought out 1 undergraduate course; PSYC 7102 Res Beh Genetics (1 student); PSYC 8991
Doctoral Dissertation IP (2 students)

Fall 2009: on sabbatical leave; PSYC 8991 Doctoral Dissertation IP (2 students)

Spring 2009: PSYC 5242 Biometrical Methods in BG (3 students); PSYC 7012 Research in BG (2 students);
PSYC 8991 Doctoral Dissertation IP (2 students)

Fall 2008: PSYC 7102 BG Seminar: Genetics and Substance Use Disorders (4 students); PSYC 7012
Research in BG (2 students); PSYC 8991 Doctoral Dissertation IP (1 student)

Spring 2008: bought out 1 undergraduate course;

Fall 2007:

Spring 2007:

Fall 2006:

Spring 2006:

Fall 2005:

Spring 2005:

Fall 2004:

Spring 2004:

Fall 2003:

Spring 2003:

Fall 2002:

Spring 2002:

Fall 2001:

Spring 2001:

Fall 2000:

Spring 2000:

Fall 1999:

Primary Faculty Advisor for:

Noa Heiman 2000-2004; Ph.D. (2004)

Heather Gelhorn 2001-2005; Ph.D. (2005); 2005 Dozier Award winner (best graduate student in Psychology)
Thompson Award winner (best presentation by an associate member of the Behavior Genetics
Association for thesis work presented at the 2005 BGA annual meeting)

Detre Godinez 2002-2005; Ph.D. candidate (changed primary advisor in 2005)

Joshua Bricker 2005-current; Ph.D. candidate

Melissa Munn 2006-current; Ph.D. candidate

Joanna Vandever 2008-current; Ph.D. candidate

Tanya Button 2006-current; Postdoctoral research associate (Ph.D., 2005)

Dissertation/Thesis Committee Member for:

Javier Gayan, Ph.D. (2000)

Christie Hartman - Ph.D. (2005)

Valerie Knopik, Ph.D. (2000)

Lara Ray - Ph.D. (2007)

Chayna Davis - Ph.D. (2002)

Jesse Hawke - Ph.D. (2008)

John McGearry - Ph.D. (2003)

Clarissa Parker - Ph.D. (2009)

Jeremy Owens - Ph.D. (2003)

Raven Astrom - Ph.D. candidate

Heather LaChance - Ph.D. (2004)

Rohan Palmer - Ph.D. (2010)

Supervised Undergraduate Independent Study for:

Justin Adams, B. A. (1999)

Alicia Heath, B. A. (1999)

Laurel Wade, B.A. (2001)

Lauren Milner, B.A. (2002)

Valerie Rewinkel (2004, 2005)

Supervised Senior Honor's Thesis for:

Valerie Rewinkel (2006)

Professional Affiliations:

Member: Behavioral Genetics Association; 1988 - present

Member: International Society of Psychiatric Genetics; 1997 - present

Member: American Psychological Society; 2004 - present

Professional Service:

Positions:

Secretary: Behavioral Genetics Association; 2004 - 2007

Ad Hoc Grant Reviews:

Center for Scientific Review (CSR): RPIA 2008, 2009; Spec emphasis Panel 2009

National Institute on Drug Abuse (NIDA Center Reviews): 1999; 2000; 2003; 2007; R25 panel 2009

National Institute on Alcoholism and Alcohol Abuse (NIAAA Center Reviews): 2003; 2008; 2009

National Institute on Aging (NIA): 2002, Spec emphasis panel 2010

Veterans Administration (VA): 2000

Ad Hoc Reviews for Scientific Journals:

Alcoholism: Clinical & Experimental Research
Archives of General Psychiatry
Bioinformatics
Drug and Alcohol Dependence
Journal of Adolescent Research
Journal of Gerontology
Personality and Individual Differences
Psychological Reports: Perceptual and Motor Skills

Addiction Biology
Behavior Genetics
Biological Psychiatry
Human Genetics
Journal of Abnormal Psychology
Journal of Substance Abuse
Journal of Personality
Psychology of Addictive Behaviors

University/Departmental Service:

Chair, IBG Training Committee: 2008 - present

Program Director: Behavior Genetics Area in Psychology; Department of Psychology: 2003 - 2008

Chair: IBG institute faculty search committee: 2007

Member of the Department of Psychology Hiring Committee: 2003 - present

Member of the IBG Salary Committee: 2008 - present

Member of the IBG Research Program Committee: 2001 - 2007

Member of the IBG Committee on Research Faculty Appointments and Titles: 2003 - present

Member of the IBG Graduate Training Committee: 1999 - 2001

Member: Psychology/BG area faculty search committee: 2000, 2001, 2002

Member: IBG institute faculty search committee: 2005

Member of the Human Research Committee (HRC Panel B): 2000 - 2003

Captain: IBG Knockouts Softball Team: 1999 - 2006

References:

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