

Curriculum Vitae

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Michael C. Stallings, Ph.D.

Department of Psychology and Neuroscience
Institute for Behavioral Genetics
1480 30th Street (UCB 447)
University of Colorado
Boulder, CO 80309-0447

Phone (303) 492-2826, Fax (303) 492-8063

Michael.Stallings@Colorado.Edu

Education:

- 1993 Ph.D. in Psychology (Area: Quantitative Psychology)
University of Southern California
- 1984 B.A. in 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 and served as 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:

- 2016- Professor: Department of Psychology & Neuroscience, University of Colorado, Boulder
- 2006- 2016 Associate Professor: Department of Psychology & Neuroscience, University of Colorado, Boulder
- 1999- 2006 Assistant Professor: Department of Psychology & Neuroscience, 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

Total Grant Awards Received (Direct Costs): \$82,511,807

Total Grant Awards Received as Principal Investigator (Direct Costs): \$11,398,416

Active Research and Training Support:

- 2022- 2027 NIDA R01 Genetics and progression of early-onset substance use and antisocial behavior
Subcontract to the Institute for Behavioral Genetics, Multiple PIs: Christian Hopfer, Michael Stallings,
and Tamara Wall, Total Direct Costs: \$2,775,693 (IBG subcontract direct costs: \$584,510).
- 2020- 2025 NIA R01 AG046938-06, Competitive Renewal: Colorado Adoption/Twin Study of Lifespan Behavioral
Development and Cognitive Aging (CATSLife2), Chandra Reynolds, PI, Michael Stallings, Co-I, Total
Direct Costs: \$10,780,596.

Pending Research Support:

None.

Previous Research Support:

- 2015- 2021 NIA R01 AG046938-01, Colorado Adoption/Twin Study of Lifespan Behavioral Development and
Cognitive Aging (CATSLife1), Chandra Reynolds, PI, Michael Stallings, Co-I, Total Direct Costs:
\$6,731,167.
- 2017- 2021 NIA T32 AG052371, University of Colorado Interdisciplinary Training in Demography and Genetics,
Director: Jason Boardman, Co-Director: Michael Stallings, Year-4 Award: \$109,558
- 2014- 2018 NIDA R01 DA035804, Genetics and Progression of Early-Onset Substance Dependence and HIV Risk,
Multiple PIs: Christian Hopfer, Michael Stallings, and Tamara Wall, Total Direct Costs: \$4,880,390;
Stallings PI of Subcomponent to IBG, Direct Costs: \$587,523.
- 2010- 2015 NICHD R01 HD064687, A Genetic Study of Personal Traits that Promote or Inhibit Individual Well-
Being, Multiple PIs: Michael Stallings, Rand Conger, Brent Donnellan; Total Direct Costs: \$4,440,656;
Michael Stallings, PI of Subcontract to IBG; Direct Costs: \$1,578,279.
- 2009- 2014 NICHD T32, Research Training: Developmental Behavior Genetics.
Michael Stallings, PI, Richard Olsen, Co-PI, Total Direct Costs: \$1,314,491.
- 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, Direct Costs: \$1,842,891.
Core B, Data Management, Informatics, and Biostatistics.
Michael Stallings, Co-I, Subcomponent to IBG, Direct Costs: \$854,299.
- 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: \$777,678.
- 2009- 2011 NIMH F31, Genetic comorbidity for disordered eating, alcohol use, and personality
(Individual NRSA) Michael Stallings, PI (Sponsor), Melissa Munn, Co-PI, Total Direct Costs: \$62,431.
- 2005- 2010 NICHD R01 HD047264, Etiology of Reading Disabilities and Comorbid ADHD. Erik Willcutt, PI,
Michael Stallings, Co-I, Total Direct Costs: \$1,817,083
- 2003- 2008 NICHD Competitive Renewal, R01 HD036773, Nature & Nurture in Social Demography: An Adoption
Study. Michael Stallings, PI, Total Direct Costs: \$1,070,432.
- 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, Direct Costs: \$89,280.

- 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, Direct Costs: \$43,942.
Component 2, Familial Aggregation of Antisocial Substance Dependence. Michael Stallings, PI, Subcomponent to IBG, Direct Costs: \$918,616.
Component 3, Longitudinal Adoption Study of Transitions in Adult Substance Use. Michael Stallings, Co-I, Subcomponent to IBG, Direct Costs: \$432,479.
Core B, Informatics. Michael Stallings, Co-I, Subcomponent to IBG, Direct Costs: \$176,039.
- 2001- 2006 NIDA R01 DA014642, Progression of Craving and Addiction: Genetic Factors. Kent Hutchison, PI, Total Direct Costs: \$1,466,216. Michael Stallings, Co-I, Subcomponent to IBG, 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, 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, Direct Costs: \$356,351.
- 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, Direct Costs: \$247,318.
Component 2, Familial Aggregation of Antisocial Substance Dependence. Michael Stallings, PI, Subcomponent to IBG, Direct Costs: \$619,428.
Core B, Assessment. Michael Stallings, Co-I, Subcomponent to IBG, 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 (* = mentored predoctoral student publication; ** = mentored postdoctoral trainee publication):

Google Scholar: Total citations = 11,688; h-index = 54; i10-index = 107

Research Gate Statistics: Research Interest Score: 4,551 (98th percentile among members)

Publication Reads: 30,791

Citations: 9,805

- 129) *Berley, N., Huibregst, B. M., Evans, L. M., Stallings, M. C. (2023; under review). Genetic architecture of risky sexual behavior: correlational structure and causal effects. *Journal of Personality*.
- 128) *Dokuru DR, Horwitz TB, Freis SM, Stallings MC, Ehringer MA. South Asia: The Missing Diverse in Diversity. *Behav Genet*. 2023 Nov 2. doi: 10.1007/s10519-023-10161-y. Epub ahead of print. PMID: 37917228.
- 127) *Paulich KN, Horwitz TB, Freis SM, Romero Villela PN, Aki S, Stallings MC, Ehringer MA. Reinvigoration of a Diversity, Equity, and Inclusion Committee at the Institute for Behavioral Genetics: Student-driven Progress. *Behav Genet*. 2023 Aug 21. doi: 10.1007/s10519-023-10149-8. Epub ahead of print. PMID: 37603171.

- 126) Gresko SA, Rieselbach M, Corley RP, Hopfer CJ, Stallings MC, Hewitt JK, Rhee SH. Subjective effects as predictors of substance use disorders in a clinical sample: A longitudinal study. *Drug Alcohol Depend.* 2023 Aug 1;249:110822. doi: 10.1016/j.drugalcdep.2023.110822. Epub 2023 Jun 9. PMID: 37331303.
- 125) *Paulich KN, Freis SM, Dokuru DR, Alexander JD, Vrieze SI, Corley RP, McGue M, Hewitt JK, Stallings MC. Exploring Relationships Between Internalizing Problems and Risky Sexual Behavior: A Twin Study. *Behav Genet.* 2023 Jul;53(4):331-347. doi: 10.1007/s10519-023-10146-x. Epub 2023 May 11. PMID: 37165251.
- 124) Gretchen R.B. Saunders, Xingyan Wang, Fang Chen, Seon-Kyeong Jang, Mengzhen Liu, Chen Wang, Shuang Gao, Yu Jiang, Chachrit Khunsriraksakul, Jacqueline M. Otto, 23andMe Research Team, The Biobank Japan Project, ... Michael C. Stallings ... Andrew Bergen, Laura Bierut, Sean P. David, Sarah A. Gagliano Taliun, Dana B. Hancock, Bibo Jiang, Marcus R. Munafò, Thorgeir Thorgeirsson, Dajiang J. Liu, Scott Vrieze. (2022). Genetic diversity fuels gene discovery for tobacco and alcohol use. *Nature.* 2022 Dec;612(7941):720-724. doi: 10.1038/s41586-022-05477-4. Epub 2022 Dec 7.
- 123) Ross JM, Ellingson JM, Frieser MJ, Corley RC, Hopfer CJ, Stallings MC, Wadsworth SJ, Reynolds CA, Hewitt JK. (2022). The effects of cannabis use on physical health: A co-twin control study. *Drug Alcohol Depend.*, 230: 109200. doi: 10.1016/j.drugalcdep.2021.109200. Epub 2021 Nov 27. PMID: 34871975; PMCID: PMC8714702.
- 122) *Kent, K. R., Hopfer, C. J., Corley, R. P., & Stallings, M. C. (2022). Executive functions as a mediator of childhood maltreatment on adult psychopathology: a longitudinal mediation analysis comparing maltreatment factor models. *Child Abuse & Neglect*, 123, 105369. doi: 10.1016/j.chiabu.2021.105369. Epub 2021 Dec 6. PMID: 34883422; PMCID: PMC8859768. (undergraduate honors thesis)
- 121) Gustavson, D.E., Friedman, N.P., Stallings, M.C., Reynolds, C.A., Coon, H., Corley, R.P., Hewitt, J.K. and Gordon, R.L. (2021). Musical instrument engagement in adolescence predicts verbal ability 4 years later: A twin and adoption study. *Developmental Psychology*, 57(11): 1943-1957. doi: 10.1037/dev0001245.
- 120) van der Laan, C. M., Krapohl, E. M. L., Brikell, I., Sánchez-Mora, C., Nolte, I. M.,... Stallings, M. C., ..., et al. (2021). Genetic association study of childhood aggression across raters, instruments and age. *Transl Psychiatry.* 2021 Jul 30;11(1):413. doi: 10.1038/s41398-021-01480-x. PMID: 34330890. PMCID pending.
- 119) *Huibregtse B.M., Hatoum, A.S., Corley, R.P., Rhea, S.A., Hewitt, J.K., Stallings, M.C. (2021). Etiological overlap between sex under the influence and number of lifetime sexual partners. *Behavior Genetics, Jan*;51(1):12-29. doi: 10.1007/s10519-020-10019-7. Epub 2020 Oct 28. PMID: 33118127; PMCID: PMC8092413.
- 118) Huggett, S. B., Winiger E.A., Palmer R.H.C., Hewitt J.K., Corley R.P and Stallings MC. (2021). The Structure and Subtypes of Gambling Activities: Genetic, Psychiatric and Behavioral Etiologies of Gambling Frequency. *Addictive Behaviors.* 113:106662. doi: 10.1016/j.addbeh.2020.106662. Epub 2020 Sep 16. PMCID: PMC8009047.
- 117) Stallings, M. C. and Nepl, T. (2021). An examination of genetic and environmental factors related to negative personality traits, educational attainment and economic success. *Developmental Psychology.* 57(2): 191-199. doi: 10.1037/dev0001131, PMID: 33539127, PMCID: PMC8269749.
- 116) Munn-Chernoff, M. A., Johnson, E. C., Chou, Y., Coleman, J. R. I., Thornton, L. M., Walters, R. K., Yilmaz, Z., Baker, J. H., Hübel, C., ... Stallings, M. C., ... Martin, N. G., Sullivan, P. F., Kaprio, J., Breen, G., Gelernter, J., Edenberg, H. J., Bulik, C. M., Agrawal, A. (2021). Shared Genetic Risk between Eating Disorder- and Substance-Use-Related Phenotypes: Evidence from Genome-Wide Association Studies. *Addiction Biology.* 26(1): e12880. doi: 10.1111/adb.12880. Epub 2020 Feb 16. PMID: 32064741. PMCID Pending.
- 115) Ellingson, J., Ross, J. M., Winiger, E. A., Stallings, M. C., Corley, R., Friedman, N., Hewitt, J. K., Tapert, S., Brown, S., Wall, T. and Hopfer, C. (2021). Familial factors may not explain the effect of moderate-to-heavy cannabis use on cognitive functioning in adolescents: A sibling-comparison study. *Addiction.* 116(4): 833-844. <https://doi.org/10.1111/add.15207>. PMCID Pending.
- 114) Polimanti, R., Walters, R., Johnson, E., McClintick, J., Adkins, A., Adkins, D., Bacanu, S., Bierut, L., ... Stallings, M. ... et al. (2020). Leveraging genome-wide data to investigate differences between opioid use vs. opioid

dependence in 41,176 individuals from the Psychiatric Genomics Consortium. *Molecular Psychiatry*. 25(8): 1673-1687. doi: 10.1038/s41380-020-0677-9. Epub 2020 Feb 26. PMID: 32099098. PMCID Pending.

- 113) Johnson E. C., Demontis, D., Thorgeirsson T. E., Walters, R. K., Polimanti, R., Hatoum, A. S., Sanchez-Roige, S., Paul, S. E., Wendt, F. R., ... Stallings, M. C., ..., Agrawal, A., et al. (2020). A large-scale genome-wide association study meta-analysis of cannabis use disorder. *The Lancet Psychiatry*, 7(12): 1032-1045. doi: 10.1016/S2215-0366(20)30339-4. Epub 2020 Oct 20. PMCID: PMC7674631.
- 112) *Huggett, S. B. and Stallings, M. C. (2020). Genetic Architecture and Molecular Neuropathology of Human Cocaine Addiction: a Multi-ancestry GWAS Follow-up Study. *Journal of Neuroscience*, 40(27): 5300-5313. doi: 10.1523/JNEUROSCI.2879-19.2020. Epub 2020 May. PMCID: PMC7329314.
- 111) *Huggett, S. B. and Stallings, M. C. (2020). Cocaine'omics: Genome-wide and transcriptome-wide associations with cocaine use and dependence. *Addiction Biology*. 2020. doi: 10.1111/adb.12719. Mar; 25(2): e12719. doi: 10.1111/adb.12719. Epub 2019 Feb 8. PMCID Pending. PMID: 30734435.
- 110) Sisco-Taylor BL, Corley RP, Stallings MC, Wadsworth SJ, Reynolds CA. (2019). Temperament, childhood illness burden, and illness behavior in early adulthood. *Health Psychol.*, 2019 Jul; 38(7): 648-657. doi: 10.1037/hea0000759. Epub 2019 May 23. PMCID: PMC6677246.
- 109) Reynolds, C. A., Smolen, A. Corley, R. P., Munoz, E., Friedman, N. P., Rhee, S., Stallings, M. C., DeFries, J. C., and Wadsworth, S. J. (2019). APOE effects on cognition from childhood to adolescence. *Neurobiology of Aging*, 84: 239.e1-239.e8. doi: 10.1016/j.neurobiolaging.2019.04.011. PMCID: PMC680062.
- 108) Winiger, E. A., Huggett, S. B., Hatoum, A. S., Stallings, M. C., and Hewitt, J. K. (2019). Onset of regular cannabis use and adult sleep duration: Genetic variation and the implications of a predictive relationship. *Drug and Alcohol Dependence*, 204: 107517. doi: 10.1016/j.drugalcdep.2019.06.019. Epub 2019 Aug 30. PMCID: PMC7053256.
- 107) *Huggett, S. B., Keyes, M. Iacono, W., McGue, M., Corley, R. P., Hewitt, J. K. and Stallings, M. C. (2019). Age of Initiation and Transition Times to Tobacco Dependence: Early Onset and Rapid Escalated Use Increase Risk for Dependence Severity. *Drug and Alcohol Dependence*, 202: 104-110. PMCID: PMC7170180.
- 106) *Huggett, S. B., Winman, E., Hatoum, A., Corley, R. P., Hewitt, J. K. and Stallings, M. C. (2019). Alcohol use, psychiatric disorders and gambling behaviors: A multi-sample study testing causal relationships via the co-twin control design. *Addictive Behavior*, 93: 173-179. PMCID: PMC7170180.
- 105) Matherne C. E., Munn-Chernoff, M. A., Thornton, L. M., Rhee, S. H., Lin, S., Corley, R. P., Stallings, M. C., Hewitt, J. K. (2019). Perceived Family Functioning among Adolescents with and without Loss of Control Eating. *Eating Behavior*, 33: 18-22. PMCID: PMC6535362.
- 104) Woodward, K. E., Corley, R. P., Friedman, N. P., Hatoum, A. S., Hewitt, J. K., Huibregtse, B. M., Stallings, M. C. and Rhee, S. (2019). Childhood Language Development and Later Alcohol Use Behaviors. *Drug and Alcohol Dependence*, 198: 95-99. PMCID: PMC6467720.
- 103) Border, R., Smolen, A., Corley, R. P., Stallings, M. C., Brown, S. A., Conger, R. D., Derringer, J., Donnellan, M. B., Haberstick, B. C., Hewitt, J. K. Hopfer, C. J., Krauter, McQueen, M. B., Wall, T. L., Keller, M. C. and Evans, L. M. (2019). Imputation of behavioral candidate gene repeat variants in 486,551 publicly-available UK Biobank Individuals. *European Journal of Human Genetics*, 27(6): 963-969. PMCID: PMC6777532.
- 102) Liu, M., Jiang, Y., Wedow, R., Li, Y., Brazel, D. M., Chen, F., Datta, G., Davila-Velderrain, J., McGuire, D., Tian, C., Zhan, X., 23andMe Research Team, HUNT All-In Psychiatry, Choquet, H., ... Stallings, M. C., et al. (2019). Association studies of up to 1.2 million individuals yield new insights in the genetic etiology of tobacco and alcohol use. *Nature Genetics*. ref: NG-LE48578R. PMCID: PMC6358542.
- 101) Eisenbarth, H., Godinez, D., du Pont, A., Corley, R. P., Stallings, M. C. and Rhee, SH. (2018). The influence of stressful life events, psychopathy, and their interaction on internalizing and externalizing psychopathology. *Psychiatry Research*, 272: 438-446. PMCID: PMC6428049.

- 100) Minica, C., Verweij, K. J. H., van der Most, P. J., Mbarek, H., Bernard, M., van Eijk, K. R., Lind, P. A., Liu, M. Z., Maciejewski, D. F., Palviainen, T., Sánchez-Mora, C., Sherva, R., Taylor, M., Walters, R. K., Abdellaoui, A., Bigdeli, T. B., Branje, S. J. T., Brown, S. A., Casas, M., Corley, R. P., ... Stallings, M. C., et al. (2018). Genome-wide association meta-analysis of age at first cannabis use. *Addiction*, *113*(11): 2073-2086. doi: 10.1111/add.14368. PMID: 3007375.
- 99) Walters, R. K., Adams, M. J., Adkins, A. E., Aliev, F., Bacanu, S. A., Batzler, A., Bertelsen, S., Biernacka, J. M., Bigdeli, T. B., Chen, L., Clarke, T., ... Stallings, M. C., ... Agrawal, A., et al. (2018). Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. *Nature Neuroscience*, *21*(12):1656-1669. doi: 10.1038/s41593-018-0275-1. PMID: 300207.
- 98) Curry, I., Trim, R. S., Brown, S. A., Hopfer, C. J., Stallings, M. C., and Wall, T. L. (2018). Positive Expectancies Mediate the Association between Sensation Seeking and Marijuana Outcomes in At-risk Young Adults: A Test of the Acquired Preparedness Model. *The American Journal on Addictions*, *27*(5): 419-424. PMID: 3001840.
- 97) Border, R., Corley, R. P., Brown, S. A., Hewitt, J. K., Hopfer, C. J., Stallings, M. C., Wall, T. L., Young, S. E. and Rhee, S. (2018). Predictors of adult outcomes in clinically- and legally-ascertained youth with externalizing problems. *PLoS ONE* *13*(11): e0206442. <https://doi.org/10.1371/journal.pone.0206442>. PMID: 3001688.
- 96) Border, R., Corley, R. P., Brown, S. A., Hewitt, J. K., Hopfer, C. J., Stallings, M. C., Wall, T. L., Young, S. E., and Rhee, S. H. (2018). Independent predictors of mortality in adolescents ascertained for conduct disorder and substance use problems, their siblings, and community controls. *Addiction*, *113*(11): 2107-2115. PMID: 3001551.
- 95) *Huggett S. B., Hatoum, A. S., Hewitt, J. K. and Stallings M. C. (2018). The speed of progression to tobacco and alcohol dependence: A twin study. *Behavior Genetics*, *48*(2): 109-124. PMID: 3001595.
- 94) Curry, I., Luk, J. W., Trim, R. S., Hopfer, C. J., Hewitt, J. K., Stallings, M. C., Brown, S. A., and Wall, T. A. (2018). Impulsivity dimensions and risky sex behaviors in an at-risk young adult sample. *Archives of Sexual Behavior*, *47*(2): 529-536. PMID: 3001112.
- 93) Luk, J.W., Trim, R.S., Karyadi, K.A., Curry, I., Hopfer, C.J., Hewitt, J.K., Stallings, M.C., Brown, S.A., and Wall, T.L. (2017). Unique and interactive effects of impulsivity facets on reckless driving and driving under the influence in a high-risk young adult sample. *Personality and Individual Differences*, *114*:42-47. PMID: 30039912.
- 92) Gustavson, D.E., Stallings, M.C., Corley, R.P., Miyake, A., Hewitt, J.K., Friedman, N.P. (2017). Executive Functions and Substance Use: Relations in Late Adolescence and Early Adulthood. *J Abnorm Psychol.*, *126*(2): 257-270. PMID: 3005429.
- 91) Melroy-Greif, W.E., Vadasz, C., Kamens, H.M., McQueen, M.B, Corley, R.P., Stallings M.C., Hopfer, C.J., Krauter, K.S., Brown, S.A., Hewitt, J.K., and Ehringer, M.A. (2016). Test for association of common variants in GRM7 with alcohol consumption. *Alcohol*, *55*:43-50. PMID: 30023698.
- 90) Kamens, H. M., Corley, R. P., Richmond, P. A., Darlington, T. M., Dowell, R., Hopfer, C. J., Stallings, M. C., Hewitt, J. K., Brown, S. A., and Ehringer, M. A. (2016). Evidence for association between low frequency variants in *CHRNA6/CHRN3* and antisocial drug dependence. *Behavior Genetics*, *46*(5):693-704. PMID: 30095622.
- 89) *Huibregtse, B. M., Corley, R. P., Wadsworth, S., DeFries, J. C. and Stallings, M. C. (2016). A longitudinal adoption study of substance use: Frequency of use from early adolescence to adulthood. *Twin Research and Human Genetics*, *19*(4):330-340. PMID: 3009534.
- 88) Stringer, S., Minica, C. C., Verweij, K. J., Mbarek, H., Derringer, J., ... Stallings, M. C., ... et al. (2016, ePub). Genome-wide association study of lifetime cannabis use based on a large meta-analytic sample of 32,330 subjects from the International Cannabis Consortium. *Transl Psychiatry*, *Mar 29*; *6*:e769. Doi: 10.1038/tp.2016.36. PMID: 300872459.
- 87) Tae-Hwi Schwantes-An, Juan Zhang, Li-Shiun Chen, Sarah Hartz, Robert C. Culverhouse, Xiangning Chen, Hilary Coon, Josef Frank ... Michael C. Stallings, ... et al. (2016). Collaborative meta-analysis demonstrates association

of the *OPRM1* variant rs1799971 (A118G) with non-specific liability to substance dependence. *Behavior Genetics*, 46(2): 15-169. *PMCID: PMC4752855*.

- 86) Pampel, F. C., Boardman, J. D., Daw, J., Stallings, M. C., Smolen, A., Haberstick, B., Widaman, K. F., Nepl, T. K., and Conger, R. D. (2015). Life events, genetic susceptibility, and smoking among adolescents. *Social Science Research*, (54): 221-232. *PMCID: PMC4607932*.
- 85) Derringer J, Corley R.P, Haberstick B.C, Young S.E, Demmitt B.A, Howrigan D.P, Kirkpatrick R.M, Iacono W.G, McGue M, Keller M.C, Brown S, Tapert S, Hopfer C.J, Stallings M.C, Crowley T.J, Rhee S.H, Krauter K, Hewitt J.K, McQueen MB. (2015). Genome-Wide Association Study of Behavioral Disinhibition in a Selected Adolescent Sample. *Behavior Genetics*, 45(4): 375-381. *PMCID: PMC4459903*.
- 84) Haberstick, B. C., Smolen, A., Williams, R. B., Bishop, G. D., Foshee, V., Thornberry, T. P., Conger, R., Seigler, I. C., Zhang, X., Fraizyngier, Z., Stallings, M. C., Halpern, C. T., and Harris, K. M. (2015). Population frequencies of the triallelic *5HTTLPR* in six ethnically diverse samples from North America, Southeast Asia, and Africa. *Behavior Genetics*, 45(2): 266 – 261. *PMCID: PMC4348250*.
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Book Chapters:

- Stallings, M. C., Kent, K. and Frieser, M. (2022). Family and Adoption Studies. In M. Vanyukov (Ed), *Genetics of Substance Use: Research and Clinical Aspects*.
- Stallings, M. C., Gizer, I. R., and K. C. Young-Wolff (2016). Genetic Epidemiology and Molecular Genetics. In K. J. Sher (Ed), *Oxford Handbook of Substance Use and Substance Use Disorders (Vol. 1)*. Oxford University Press.
- Rhee, S. H., Hewitt, J. K., Corley, R. P., & Stallings, M. C. Comorbidity. (2005). In B. S. Everitt & D. C. Howell (Eds.), *Encyclopedia of behavioral statistics* (pp. 333-337). London: Wiley.
- 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 Speaker: Arts and Sciences Course on Responsible Conduct in Research; lecture: "Responsible Conduct in Data Acquisition and Data Management" University of Colorado Boulder, September 7, 2019.

- Invited Speaker: Arts and Sciences Course on Responsible Conduct in Research; lecture: “Responsible Conduct in Data Acquisition and Data Management” University of Colorado Boulder, February 7, 2018.
- Invited Speaker: Arts and Sciences Course on Responsible Conduct in Research; lecture: “Responsible Conduct in Data Acquisition and Data Management” University of Colorado Boulder, September 21, 2016.
- Invited Speaker: Arts and Sciences Course on Responsible Conduct in Research; lecture: “Responsible Conduct in Data Acquisition and Data Management” University of Colorado Boulder, September 28, 2015.
- Invited Speaker: Arts and Sciences Course on Responsible Conduct in Research; lecture: “Responsible Conduct in Data Acquisition and Data Management” University of Colorado Boulder, September 15, 2014.
- Invited Speaker: Arts and Sciences Course on Responsible Conduct in Research; lecture: “Responsible Conduct in Data Acquisition and Data Management” University of Colorado Boulder, September 23, 2013.
- Invited Speaker: Arts and Sciences Course on Responsible Conduct in Research—Short Course; lecture: “Responsible Conduct in Data Acquisition and Data Management” University of Colorado Boulder, January 26, 2013.
- Invited Speaker: Arts and Sciences Course on Responsible Conduct in Research; lecture: “Responsible Conduct in Data Acquisition and Data Management” University of Colorado Boulder, September 13, 2012.
- Invited Speaker: Arts and Sciences Course on Responsible Conduct in Research; lecture: “Responsible Conduct in Data Acquisition and Data Management” University of Colorado Boulder, October 10, 2011.
- Invited Speaker: Quantitative Psychology Program, University of Southern California; presentation: “The Colorado Center on Antisocial Drug Dependence: Joint Analysis of Selected Clinical and Unselected Community Twin and Family Data,” Los Angeles, CA, October 7, 2009.
- Invited Faculty: University of Colorado Population Center Short Course in Biodemography; Lecture: "Behavior Genetics: Theory, Substance, and Methods"; June 11, 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 Speaker: Oregon Social Learning Center, Eugene OR, 2006; Presentation: “Treating the Family as the Unit of Analysis: Modeling Familial Resemblance Utilizing Clinical and Control Family Pedigrees.”
- 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 Member: 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 (200+; only 1st author and mentored/student abstracts listed):

- Paulich, K. N., Stallings, M. C. (2023). Investigation of Relationships Between Internalizing, Externalizing, and Risky Sexual Behavior: A Genetically Informative Sample. *Poster presented at the annual meeting of the World Congress on Psychiatric Genetics, October 12, 2023, Montreal, Canada. Abstract.*
- Dokuru, D.R., Horwitz, T.B., Stallings, M.C. (2023, June 22). South Asia: The Missing Diverse in Diversity. *Conference presentation at the Annual Meeting of the Behavior Genetics Association, Behavior Genetics, Murcia, Spain.*
- Dokuru, D.R., Reynolds, C., Stallings, M.C. (2022). Effects of the Tau Haplotype on Cognition in Childhood. *Poster Presented at the Annual Meeting of the American Society of Human Genetics, October 26, 2022, Los Angeles, California. Abstract.*
- Paulich, K. N., Stallings, M. C. (2022). Exploring relationships between internalizing problems and risky sexual behavior: A twin study. *Poster presentation at the Annual Meeting of the Behavior Genetics Association, Behavior Genetics, June, Los Angeles, California. Abstract.*
- Dokuru, D. R., Frieser, M., Hewitt, J.K., Stallings, M.C. (2021). Sex Differences in the Biometrical Model for Substance Use Vulnerability. *Poster presented at the Behavior Genetics Association Meeting; 2021 June 29-30; Online.*
- Dokuru, D. R., Frieser, M., Hewitt, J.K., Stallings, M.C. (2020). General Factor Model of Substance Use Comorbidity. *Poster presented at: The Behavior Genetics Association Meeting; 2020 June 26-27; Online.*
- Huggett, S. B. and Stallings, M. C. (2018). Cocaine'omics. *Behavior Genetics. Awarded the David Rowe Award for best poster presentation at the Annual Meeting of the Behavior Genetics Association. Behavior Genetics.*
- Huggett, S. B., Hatoum, A., Corley, R. P. and Stallings, M. C. (2017). Tobacco dependence transition speed and the power of quasi-causality. *Behavior Genetics, 47(6): 689.*
- Frieser, M., Corley, R. P., Hewitt, J. K., Hopfer, C. M., Wall, T. A., Reynolds, C. A., Wadsworth, S. A., & Stallings, M. C. (2017). Adolescent Cannabis Use and Developmental Delay. *Behavior Genetics, 47(6): 698.*
- Huibregtse, B., Hewitt, J. K., and Stallings, M. C. (2016). GWAS meta-analysis of the number lifetime sexual partners. *Behavioral Genetics 46(6): 788.*
- Huggett S.B., & Stallings M.C, (2016). The speed of progression to alcohol and tobacco dependence: A genetically informed twin design. *Behavioral Genetics 46(6): 788.*
- Huibregtse, B., Hewitt, J. K., and Stallings, M. C. (2015). Genome-wide variation predicts number of lifetime sexual partners. *Behavioral Genetics 45: 662.*
- Huggett S.B., & Stallings M.C, (2015). Genome Wide Association of Cocaine Dependence and Related Traits in a High-Risk Sample. *Behavioral Genetics 45: 662.*
- Huibregtse, B., Corley, R., & Stallings, M. C. (2014). Etiology of risky sexual behavior and the association with drug and alcohol use during sexual decision making. *Behavior Genetics, 44(6): 662-663.*
- Huibregtse, B., Corley, R., Hewitt, J., Hopfer, C., & Stallings, M. C. (2013). The etiology of risky sexual behavior. *Behavior Genetics, 43(6): 523-523.*
- Vandever, J. M., Friedman, N., Corley, R. P., Miyake, A., Young, S. E., Hewitt, J. K. and Stallings, M. C. (2012). The role of executive functioning in the progression from substance use to dependence. *Behavior Genetics, 42: 974.*

- Huibregtse, B., Corley, R. P., Wadsworth, S., and Stallings, M. C. (2012). Change in heritability of substance use behavior through development: Exploring the longitudinal role of shared environment. *Behavior Genetics, 42*: 940.
- Vandever, J. M., Friedman, N., Corley, R. P., Miyake, A., Young, S. E., Hewitt, J. K. and Stallings, M. C. (2011). From substance use to dependence: The role of executive functioning. *Presented at the annual meeting of the World Congress on Psychiatric Genetics, Washington, D.C., September, 2011.*
- Munn-Chernoff, M.A., Palmer, R.H.C., Rhee, S.H., Corley, R.P., Hewitt, J.K., & Stallings, M.C. (2010). Genetic and environmental relationships among eating pathology and substance use: Can personality explain the comorbidity? *Poster presentation at the Eating Disorders Research Society Conference, Boston, Massachusetts, October, 2010.*
- Vandever, J. M., Miyake, A., Young, S. E., Friedman, N. P., Corley, R. P., Hewitt, J. K., and Stallings, M. C. (2010). Behavioral disinhibition and executive functions: Genetic relations are stronger for substance use than substance dependence. *Presented at the annual meeting of the World Congress on Psychiatric Genetics, Athens, Greece, October, 2010.*
- Bricker, J. B., Berenbaum, S. A., Corley, R. P., Wadsworth, S. J., Stallings, M. C. (2010). Some pubertal development measures predict early age of sexual initiation. *Presented at the the biannual meeting of the Society for Research on Adolescence, Philadelphia, PA, 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 Cloininger'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.
- Heiman, N., Stallings, M. C., Young, S. E. and Hewitt, J. K. (2002). Investigating the genetic and environmental structure of the Tridimensional Personality Questionnaire in Adolescence. *Behavior Genetics*, 32, 469.
- Gelhorn, H. L., Stallings, M. C., Young, S. E., Corley R. P. and Hewitt, J. K. (2002). Genetic and environmental influences on adolescent conduct disorder. *Behavior Genetics*, 32, 466.
- 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. (2001a). 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. (2001b). 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. (2001c). 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.
- Stallings, M. C., Hewitt, J. K., Hofer, S. M., Heath, A. C. and Eaves, L. J. (2000). Joint multivariate genetic analysis of the personality dimensions from the TPQ, EPQ, and KSP. *Behavior Genetics*, 30, 419.
- 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.
- Stallings, M. C., Young, S. E., Miles, D. R., Hewitt, J. K., Fulker, D. W. and Crowley, T. J. (1998). The familial transmission of nicotine, alcohol, and marijuana dependence symptoms in families with substance-abusing adolescent probands and controls. *Behavior Genetics*, 28, 481-482.

- Stallings, M. C., Young, S. E., Gabel, S., Hewitt, J. K., Crowley, T. J. and Fulker, D. W. (1997). Personality factors in early-onset antisocial substance abuse. *Behavior Genetics*, 27, 606.
- Stallings, M. C., Young, S. E., Hewitt, J. K., Crowley, T. J. and Fulker, D. W. (1996). Heterogeneous temperament profiles among early onset multi-problem substance abusing youth. *Problems of Drug Dependence 1996: Proceedings of the 58th Annual Scientific Meeting of The College on Problems of Drug Dependence. National Institute on Drug Abuse Research Monograph*, 174, p. 267.
- Stallings, M. C., Cherny, S. S., Young, S. E., Corley, R. P., Hewitt, J. K., and Fulker, D. W. (1995a). The coaggregation of alcohol abuse, depressive symptoms, and antisocial personality in the families of multiple-problem adolescents. *Alcoholism: Clinical and Experimental Research*, 19, 71A.
- Stallings, M. C., Cherny, S. S., Young, S. E., Carey, G., Hewitt, J. K. and Fulker, D. W. (1995b). Personality factors in early-onset adolescent substance abuse. *Behavior Genetics*, 25, 289.
- Stallings, M. C., Hewitt, J. K., Heath, A. C. and Eaves, L. J. (1995c). A twin study of drinking and smoking onset milestones and latencies from first use to regular use. *Behavior Genetics*, 25, 289.
- Stallings, M. C., Hewitt, J. K., Cloninger, C. R., Heath, A. C., and Eaves, L. J. (1994a). The structure of temperament: A joint analysis of the models of Cloninger, Eysenck, and Gray. *Behavior Genetics*, 24, 532.
- Stallings, M. C., Cherny, S. S., Young, S. E., Miles, D. R., Carey, G., Hewitt, J. K., and Fulker, D. W. (1994b). Familial aggregation of alcohol and drug problems in families of adolescent substance users. *Behavior Genetics*, 24, 531.
- Stallings, M. C., Cherny, S. S., Young, S. E., Miles, D. R., Carey, G., Hewitt, J. K., and Fulker, D. W. (1994c). Personality risk factors in adolescent substance abuse. *Behavior Genetics*, 24, 531.
- Stallings, M. C., Hewitt, J. K., Fulker, D. W., Carey, G., Heath, A. C., and Eaves, L. J. (1993a). Personality risk factors for alcohol, tobacco, and illicit substance use behavior. *Psychiatric Genetics*, 3, 142.
- Stallings, M.C., Hewitt, J. K., Heath, A. C., Prescott, C. A., and Eaves, L. J. (1993b). Personality risk factors for alcohol-seeking behaviors and alcohol problems. *Behavior Genetics*, 23, 567.
- Stallings, M. C., Baker, L. A., & Gatz, M. (1992a). The transmission of depressive symptoms in multi-generation families. *Behavior Genetics*, 22, 754.
- Stallings, M. C., Hofer, S., Horn, J. L., & Trickett, P. (1992b). An empirical demonstration of the effectiveness of different methods for dealing with missing data in survey research. *The Gerontologist*, 32, 264.
- Stallings, M. C., Baker, L. A., & Boomsma, D. I. (1989). Estimating cultural transmission in extended twin designs. *Behavior Genetics*, 19, 777.

Manuscripts in Preparation: (* mentored students)

- *Dokuru, D., et al. Changes in common genetic and environmental influences on substance dependence vulnerability from adolescence to adulthood (in prep).
- *Frieser, M., et al. Education and economic outcomes associated with persistent and adolescent-limited cannabis use in a high-risk sample (completed manuscript to be resubmitted this spring)
- *Frieser M., et al. Companion community twin cohort paper to paper above (in prep).
- *Browne, T., Frieser, M., Hopfer, C., Wall, T. (in prep). Using polygenic risk scores to predict growth parameters and trajectory classes in longitudinal analyses of cannabis users. (undergraduate honors thesis defended in Apr 2019)
- 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*.
- *Barker, Stallings et al., Predictors of persistent smoking: A comprehensive candidate gene study of smoking using a polygenic risk score approach. (in prep). (*undergraduate independent study project*).

Teaching and Mentoring:

Teaching Specialization:

Behavioral Genetics – Substance Abuse/Dependence, Psychopathology, Personality
Quantitative Genetics - Biometrical Methods for Behavior Genetics, Quantitative Genetics, QTL Mapping
Introductory Statistics and Research Methods

Courses Taught: (since faculty appointment in Fall 1999)

Spring 2024 PSYC 5242 Biometrical Methods for Behavior Genetics (4 students);
PSYC 2111 Psychological Science I: Statistics (138 students).

Spring 2023 PSYC 2111 Psychological Science I: Statistics (92 students).

Fall 2022: PSYC 7102 Seminar in Behavioral Genetics: Genetics and Substance Use Disorders (5 students)
Spring 2022 PSYC 2111 Psychological Science I: Statistics (88 students).

Fall 2021 PSYC 5242 Biometrical Methods for Behavior Genetics (5 students).
Spring 2021 PSYC 2111 Psychological Science I: Statistics (96 students).

Fall 2020: PSYC 7102 Seminar in Behavioral Genetics: Genetics and Substance Use Disorders (5 students)
PSYC 5242 Biometrical Methods in BG (4 students).
Spring 2020: No teaching: graduate course cancelled by department.

Fall 2019: PSYC 2111 Psychological Science I: Statistics (89 students); PSYC 8991 Doctoral Dissertation
(2 students); Independent Study (2 students)
Spring 2019: PSYC 5122 Quantitative Genetics (4 students); PSYC 8991 Doctoral Dissertation (2 students)

Fall 2018: PSYC 2111 Psychological Science I: Statistics (87 students); PSYC 8991 Doctoral Dissertation
(2 students); Independent Study (1 student).
Spring 2018: PSYC 2111 Psychological Science: Statistics (90 students); PSYC 8991 Doctoral Dissertation
(1 students); Independent Study (1 student); Supervised 1 high school intern

Fall 2017: PSYC 7102 Seminar in Behavioral Genetics: Genetics and Substance Use Disorders (4 students)
PSYC 8991 Doctoral Dissertation (1 student)
Spring 2017: Sabbatical Leave; PSYC 8991 Doctoral Dissertation (1 student)

Fall 2016: PSYC 5122 Quantitative Genetics (3 students); PSYC 8991 Doctoral Dissertation (1 student)
Spring 2016: PSYC 2111 Psychological Science I: Statistics (78 students); Independent Study (1 student)
Honors Student (1 student); PSYC 8991 Doctoral Dissertation (1 student)

Fall 2015: PSYC 7102 Seminar in Behavioral Genetics: Genetics and Substance Use Disorders (4 students)
Independent Study (1 student); PSYC 8991 Doctoral Dissertation (1 student)
Spring 2015: PSYC 3101 Introductory Statistics and Research Methods (88 students)
Independent Study (1 student); PSYC 8991 Doctoral Dissertation (1 student)

Fall 2014: PSYC 5122 Quantitative Genetics (7 students); Independent Study (1 student); PSYC 8991
Doctoral Dissertation (1 student)
Spring 2014: PSYC 3101 Introductory Statistics and Research Methods (88 students)
Independent Study (1 student); PSYC 8991 Doctoral Dissertation (1 student)

Fall 2013: PSYC 7102 Seminar in Behavioral Genetics: Genetics and Substance Use Disorders (4 students)
Spring 2013: PSYC 3101 Introductory Statistics and Research Methods (88 students)
PSYC 8991 Doctoral Dissertation (1 student)

Fall 2012: PSYC 5242 Biometrical Methods in BG (4 students); PSYC 8991 Dissertation (1 student);
PSYC 7012 Research in Behavioral Genetics (1 student)
Spring 2012: PSYC 5122 Quantitative Genetics (9 students); PSYC 7012 Research in Behavioral Genetics
(1 student); PSYC 8991 Doctoral Dissertation (1 student)

Fall 2011: PSYC 7102 BG Seminar: Genetics and Substance Use Disorders (7 students); PSYC 7012 Research in BG (1 student); PSYC 8991 Doctoral Dissertation (2 students)

Spring 2011: PSYC 8991 Doctoral Dissertation (2 students); Bought out 1 undergraduate course

Fall 2010: PSYC 5242 Biometrical Methods in BG (6 students); PSYC 8991 Dissertation (2 students)

Spring 2010: PSYC 7012 Research in BG (1 student); PSYC 8991 Doctoral Dissertation (2 students); Bought out 1 undergraduate course

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

Spring 2009: PSYC 5242 Biometrical Methods in BG (3 students); PSYC 7012 Research in BG (2 students); PSYC 8991 Doctoral Dissertation (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 (1 student)

Spring 2008: Bought out 1 undergraduate course; PSYC 8991 Doctoral Dissertation (1 student)

Fall 2007: PSYC 5242 Biometrical Methods in BG (4 students); PSYC 8991 Doctoral Dissertation (1 student)

Spring 2007: Bought out 1 undergraduate course; PSYC 8991 Doctoral Dissertation (1 student)

Fall 2006: PSYC 3102 Introduction to Behavior Genetics (39 students)

Spring 2006: PSYC 5242 Biometrical Methods in Behavior Genetics (5 students)
PSYC 4011-843 Senior Honor's Thesis

Fall 2005: PSYC 4841-944 Independent Study (1 student); PSYC 7012 Research in BG (1 student)
PSYC 8991 Doctoral Dissertation (1 student)

Spring 2005: Paternity Leave: twin daughters born Mar 31, 2005

Fall 2004: PSYC 5122 Quantitative Genetics (5 students); PSYC 8991 Doctoral Dissertation (1 student)

Spring 2004: PSYC 3101 Statistics/Research Methods (106 students); PSYC 5112 QTL Mapping (6 students)
PSYC 8991 Doctoral Dissertation (2 students)

Fall 2003: Bought out 1 undergraduate course; PSYC 8991 Doctoral Dissertation (2 students)

Spring 2003: PSYC 7102 Genetics and Substance Use Disorders (4 students)

Fall 2002: PSYC 5112 Computer Applications for BG (3 students); PSYC 7012 Research in BG (2 students); PSYC 8991 Doctoral Dissertation (1 student)

Spring 2002: PSYC 3102 Intro to Behavior Genetics (21 students); PSYC 5112 QTL Mapping: Linkage and Association (10 students)

Fall 2001: PSYC 5112 Computer Applications in BG (2 students)

Spring 2001: PSYC 3102 Intro to Behavior Genetics (37 students)

Fall 2000: PSYC 5112 Computer Applications in BG (2 students)

Spring 2000: PSYC 5242 Biometrical Methods in BG (4 students)

Fall 1999: PSYC 5112 Computer Applications in BG (2 students)

Graduate Student Mentoring

Primary Faculty Advisor for:

Noa Heiman	2000-2004; Ph.D. (2004); Associate Director of the Psychotherapy Scholar Track, University of Colorado Hospital, Denver.
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). Senior Research Scientist, Evidera Pharmaceuticals, Denver, CO.

Detre Godinez	2002-2004; Ph.D. (Detre changed primary advisor in 2004); Research Scientist, COACT Colorado, Office of Behavioral Health.
Joshua Bricker	2005-2010; Ph.D. (2010); Data Analyst, The Research Institute at Nationwide Children's Hospital, Toledo, Ohio.
Melissa Munn	2006-2011; Ph.D. (2011); Awarded an F31 training grant in 2009 to support her graduate studies; 2011 Dozier Award winner (best graduate student in Psychology); Assistant Professor, University of North Carolina at Chapel Hill.
Raven Astrom	2010-2011; Ph.D. (2011); I became Raven's primary advisor in 2010. Case Manager, PhD, RN at Avista Adventist Hospital, Louisville, CO.
Joanna Vandever	2008-2014; Ph.D. (2014); Research Associate, Denver University.
Brooke Huibregtse	2011-2017; Ph.D. (2017); Teaching Faculty, University of Colorado Boulder
Spencer Huggett	2014-2019; Ph.D. (2019); Senior Scientist, Nido Biosciences, Boston, MA.
Maia Frieser	2016-2020; Ph.D. (2020).
Deepika Dokuru	2019-current; Ph.D candidate
Katherine Paulich	2020-current; Ph.D candidate
Tanya Horwitz	2021-current; Ph.D candidate
Noah Berley	2023-current; Ph.D candidate

Post-Baccalaureate trainees

Noah Berley	2019 – 2023; currently a graduate student at CU Boulder (BPSG).
Kyle Kent	2019 – 2022; Research Associate, Vanderbilt University
Tanner Brown	2019 – present (we continue to meet weekly to publish his honors thesis; in prep)
Tiffany Barker	2012-2015; post-Baccalaureate student; UNC Medical School

Postdoctoral trainees

Tanya Button	2006-2011; postdoctoral trainee/research associate
Daniela Hartstern	2012-2013; postdoctoral trainee; Currently Variant Scientist at Progenity, Inc., Atlanta, GA.
Sterling Sawaya	2014-2015; postdoctoral trainee; Founder & CEO of GeneInfoSec, Boulder, CO

Comprehensive Exam/Thesis Committee Member for:

Javier Gayan, Ph.D. (2000)	Amanda Wills – Ph.D. (2015)
Valerie Knopik, Ph.D. (2000)	Whitney Melroy – Ph.D. (2015, IPHY)
Chayna Davis - Ph.D. (2002)	Ruhan Circi – Ph.D. (2017, Education)
John McGeary - Ph.D. (2003)	Emma Johnson – Ph.D. (2017)
Jeremy Owens - Ph.D. (2003)	Sonya Belimezova – Ph.D. (2017, IPHY)
Heather LaChance - Ph.D. (2004)	Chelsie Benca – Ph.D. (2017)
Christie Hartman - Ph.D. (2005)	Sam Dolzani – Ph.D (2018)
Lara Ray - Ph.D. (2007)	Lakshmi Lalchandani – Ph.D (2018)
Jesse Hawke - Ph.D. (2008)	Alex Hatoum – Ph.D. (2019)
Clarissa Parker - Ph.D. (2009)	Hunter Matthews – Ph.D. (2020)

Angela Brant – Ph.D. (2013) Evan Winiger – Ph.D (2021)
Alexi Northcutt – Ph.D. (2014) Pamela Romero Villela – Ph.D candidate
Amanda Ellis – Ph.D. (2014) Samantha Freis – Ph.D candidate
Nathan Dadey – Ph.D. (2015, Education) Shelley Gresko – Ph.D candidate

Mentored Undergraduate Independent Study:

Justin Adams, B. A. (1999)
Alicia Heath, B. A. (1999)
Laurel Wade, B.A. (2001)
Lauren Milner, B.A. (2002)
Valerie Rewinkel (2004 – 2006)

Katie Rhoades (2014 – 2016)
Margaret Larmann (2018 – 2019)
Song Mi Lee (2018)
Noah Berley (2019 – 2020)
Tanner Brown (2018 – 2019)
Kyle Kent (2018 – 2019)
Tatum Hendrick (2023 – present)
Heylee Hewawasam (2023)

Mentored High School Internships:

Kate Wallerius (2011-2012)
Rainer Wasinger (summer 2014)
Jordan Cote-Long (2018)
Emily Foraker (2021-2022)
Meghan McCracken (2022-2023)
Celia Frankenheimer (2023)
Alexis Mathers (2023)

Professional Affiliations:

Member: Behavioral Genetics Association; 1988 - present
Member: International Society of Psychiatric Genetics; 1997 - present
Member: American Psychological Society; 2004 – present
Member: American Society of Human Genetics; 2022

Professional Service:

Positions:

Chair: Behavioral Genetics and Epidemiological Studies (BGES) study section: 2019-2021
Regular Member: Behavioral Genetics and Epidemiological Studies (BGES) study section: 2016-2019
Secretary of the Behavioral Genetics Association: 2004 - 2007

Ad Hoc Grant Reviews:

Center for Scientific Review (CSR): BGES 2015
Center for Scientific Review (CSR): RPIA 2008, 2009; Special Emphasis Panel 2009
National Institute on Drug Abuse: (NIDA Center Reviews: 1999; 2000; 2003; 2007; 2011; 2012); R25 panel 2009
National Institute on Alcoholism and Alcohol Abuse (NIAAA Center Reviews): 2003; 2008; 2009; 2019
National Institute on Aging (NIA): Career Award Reviews, 2002; Special Emphasis panel 2010
Veterans Administration (VA): Career Award Reviews, 2000
CSR Special Emphasis Panels: NIH ZRG1 PSE-H 02, and PSE-D 07, 2014

Ad Hoc Reviews for Scientific Journals:

Alcoholism: Clinical & Experimental Research	Addiction
Addiction Biology	Behavior Genetics
Bioinformatics	Biological Psychiatry
Developmental Psychology (Guest Editor)	Drug and Alcohol Dependence
Genes, Brain and Behavior	Journal of Gerontology
Human Genetics	Journal of Abnormal Psychology
Journal of Adolescent Research	Journal of Gerontology
Journal of Substance Abuse	Plos One
Personality and Individual Differences	Journal of Personality
Psychology of Addictive Behaviors	JAMA Psychiatry
Journal of Intelligence	Translational Psychiatry
Frontiers in Psychology	

University/Departmental Service:

Chair, IBG Training Committee: 2008 – 2016; 2022 - 2023
Program Director: Behavior Genetics Area in Psychology, Department of Psychology: 2003 - 2008
Chair: IBG Institute faculty search committee: 2007
Chair: Department of Psychology and Neuroscience Salary Committee: 2017

Member of the IBG Graduate Training Committee: 1999 - present
Member of IBG faculty search committee: 2019 - 2020
Member of IBG faculty search committee: 2017 - 2018
Member of IBG faculty search committee: 2014 - 2015
Member of the IBG Salary Committee: 2008 – present
Member of the Department of Psychology and Neuroscience Honors/Student Awards Committee: 2019-present
Member of the Department of Psychology and Neuroscience Salary Committee: 2015 - 2018
Member of the IBG Committee on Research Faculty Appointments and Titles: 2003 - present
Member of the IBG Research Program Committee: 2001 - 2007
Member of the Department of Psychology Hiring Committee: 2003 - 2007
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
Member: Notorious IBG softball team: 2015 – 2018

References:

John K. Hewitt, Ph.D.
Institute for Behavioral Genetics
University of Colorado
Boulder, CO 80309-0447
(303) 492-0742

John C. DeFries, Ph.D.
Institute for Behavioral Genetics
University of Colorado
Boulder, CO 80309-0447
(303) 492-2839

Laura A. Baker, Ph.D.
Department of Psychology, SGM 501
University of Southern California
Los Angeles, CA. 90089-1061
(213) 740-2261

Thomas J. Crowley, MD.
Director: Division of Substance Dependence
Department of Psychiatry
University of Colorado Health Sciences Center
Denver, CO. 80262
(303) 315-7573