

PUBLICATIONS LIST
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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (in chronological order):

*** Student or postdoctoral fellow**

1. **Knopik, V.S.**, DeFries, J.C., and Alarcón, M. (1996). Gender differences in cognitive abilities of opposite-sex and same-sex twin pairs with reading disability. Annals of Dyslexia, **46**, 241-257.
2. **Knopik, V.S.**, Alarcón, M., and DeFries, J.C. (1997). Comorbidity of mathematics and reading deficits: Evidence for a genetic etiology. Behavior Genetics, **27**(5), 447-453. PMID: 9336081
3. **Knopik, V.S.**, Alarcón, M., and DeFries, J.C., (1998). Common and specific gender influences on individual differences in reading performance: A twin study. Personality and Individual Differences, **25**, 269-277.
4. **Knopik, V.S.** and DeFries, J.C. (1998). A twin study of gender-influenced individual differences in general cognitive ability. Intelligence, **26**(2), 81-89.
5. **Knopik, V.S.** and DeFries, J.C. (1999). Etiology of covariation between reading and mathematics performance: A twin study. Twin Research, **2**, 226-234. PMID: 10555134
6. Alarcón, M., **Knopik, V.S.**, and DeFries, J.C. (2000). Covariation of mathematics achievement and general cognitive ability. Journal of School Psychology, **38**(1), 63-77.
7. Davis, C.J., **Knopik, V.S.**, Wadsworth, S.J., and DeFries, J.C. (2000). Self-reported reading problems in parents of twins with and without reading difficulties. Twin Research, **3**(2), 88-91. PMID: 10918621
8. Wadsworth, S.J., **Knopik, V.S.**, and DeFries, J.C. (2000). Reading disability in boys and girls: No evidence for a differential genetic etiology. Reading and Writing: An Interdisciplinary Journal, **13**, 133-145.
9. Davis, C.J., **Knopik, V.S.**, Olson, R.K., Wadsworth, S.J., and DeFries, J.C. (2001). Genetic and environmental influences on rapid naming and reading ability: A twin study. Annals of Dyslexia, **51**, 231-247.
10. Davis, C.J., Gayán, J., **Knopik, V.S.**, Smith, S.D., Cardon, L.R., Pennington, B.F., Olson, R.K., and DeFries, J.C. (2001). Etiology of reading difficulties and rapid naming: The Colorado Twin Study. Behavior Genetics, **31**(6), 625-635. PMID: 11838539
11. Willcutt, E.G., Pennington, B.F., Smith, S.D., Cardon, L.R., Gayán, J., **Knopik, V.S.**, Olson, R.K., and DeFries, J.C. (2002). Quantitative trait locus for reading disability on chromosome 6p is pleiotropic for Attention-Deficit/Hyperactivity Disorder. Neuropsychiatric Genetics, **114**, 260-268. PMID: 11920845
12. **Knopik, V.S.**, Smith, S.D., Cardon, L.R., Pennington, B.F., Gayán, J., Olson, R.K., and DeFries, J.C. (2002). Differential genetic etiology of reading component processes as a function of IQ. Behavioral Genetics, **32**(3), 181-198. PMID: 12141780
13. Heath, A.C., **Knopik, V.S.**, Madden, P.A.F., Neuman, R.J., Lynskey, M.J., Slutske, W.S., Jacob, T., and Martin, N.G. (2003). Accuracy of mothers' retrospective reports of smoking during pregnancy: Comparison with twin sister informant ratings. Twin Research, **6**(4), 297-301. PMID: 14511436
14. Nelson, E.C., Heath A.C., Bucholz, K.K., Madden, P.A.F., Fu, Q., **Knopik, V.S.**, Lynskey, M.T., Whitfield, J.B., Statham, D.J., and Martin, N.G. (2004). The genetic epidemiology of alcoholic blackouts. Archives of General Psychiatry, **61**(3), 257-263. PMID: 14993113

15. **Knopik, V.S.**, Heath, A.C., Madden, P.A.F., Bucholz, K.K., Slutske, W.S., Nelson, E.C., Statham, D., Whitfield, J.B., and Martin, N.G. (2004). Genetic effects on alcohol dependence risk: Re-evaluating the importance of psychiatric and other heritable risk factors. Psychological Medicine, **34**, 1519-1530. PMID: 15724882
16. Romeis, J.C., Grant, J.D., **Knopik, V.S.**, Pederson, N.L., and Heath, A.C. (2004). The genetics of middle-age spread in middle-class males. Twin Research and Human Genetics, **7**(6), 596-602. PMID: 15607010
17. **Knopik, V.S.**, Sparrow, E.P., Madden, P.A.F., Bucholz, K.K., Hudziak, J.J., Reich W., Slutske, W.S., Grant, J.D., McLaughlin, T.L., Todorov, A., Todd, R.D., and Heath, A.C. (2005). Contributions of parental alcoholism, prenatal substance exposure, and genetic transmission to child ADHD risk: A female twin study. Psychological Medicine, **35**(5), 625-635. PMID: 15918339
18. Lynskey, M.T., Nelson, E.C., Neuman, R., Bucholz, K.K., Madden, P.A.F., **Knopik, V.S.**, Slutske, W., Whitfield, J., Martin, N.G., Heath, A.C. (2005). Limitations of DSM-IV operationalizations of alcohol abuse and dependence in a sample of Australian twins. Twin Research and Human Genetics, **8**(6), 574-584. PMID: 16354499
19. **Knopik, V.S.**, Heath, A.C., Jacob, T., Slutske, W.S., Bucholz, K.K., Madden, P.A.F., Waldron, M., Martin, N.G. (2006). Maternal alcohol use disorder and offspring ADHD: Disentangling genetic and environmental effects using a children-of-twins design. Psychological Medicine, **36**(10), 1461-1472. PMID: 16734942
20. *Ray, L. Rhee, S.H., Stallings, M.C., **Knopik, V.S.**, Hutchison, K.E. (2007). Examining the heritability of tension reduction after cigarette smoking: results from an experimental twin study. Twin Research and Human Genetics, **10**, 546-553. PMID: 17708695
21. Agrawal, A., **Knopik, V.S.**, Pergadia, M.L., Waldron, M., Bucholz, K.K., Martin, N.G., Madden, P.A.F., Heath, A.C. (2008). Evaluating measured correlates of cigarette smoking during pregnancy and its genetic and environmental overlap with smoking progression. Nicotine and Tobacco Research, **10**(4), 567-78. PMID: 18418779
22. **Knopik, V.S.** (2009). Maternal smoking during pregnancy and child outcomes: Real or spurious effect? Developmental Neuropsychology, **34**, 1-36. PMID: 19142764
23. **Knopik, V.S.**, Jacob, T., Haber, R., Swenson, L.P., Howell, D. (2009). Paternal alcoholism and offspring ADHD problems: A Children-of-Twins Design. Twin Research and Human Genetics, **12**(1), 53-62. PMID: 19210180
24. **Knopik, V.S.**, Heath, A.C., Bucholz, K.K., Madden, P.A.F., Waldron, M. (2009). Genetic and environmental influences on externalizing behavior and alcohol problems in adolescence: A female twin study. Pharmacology, Biochemistry, and Behavior, **93**(3):313-21. PMID: 19341765
25. Esposito-Smythers, C., Spirito, A., Rizzo, C., McGeary, J.E., **Knopik, V.S.** (2009). Associations of the DRD2 TaqIA polymorphism with impulsivity and substance use: Preliminary results from a clinical sample of adolescents. Pharmacology, Biochemistry, and Behavior, **93**(3):313-21. PMID: 19344737
26. Miranda Jr., R., Ray, L., Justus, A., Meyerson, L.A., **Knopik, V.S.**, McGeary, J., Monti, P.M. (2010). Initial Evidence of an Association between OPRM1 and Adolescent Alcohol Misuse. Alcoholism: Clinical and Experimental Research, **34**(1):112-22. PMID: 19860800
27. **Knopik, V.S.** (2010). Smoking during pregnancy: Genes and environment weigh in. International Journal of Epidemiology. PMID: 20621956
28. MacKillop, J., Obasi, E., Amlung, M., McGeary, J.E., **Knopik, V.S.** (2010). The role of genetics in nicotine dependence: Mapping the pathways from genome to syndrome. Current Cardiovascular Risk Reports DOI 10.1007/s12170-010-0132-6
29. *Hayes, J., Wallace, M., **Knopik, V.S.**, Herbstman, D., Bartoshuk, L., Duffy, V. (2011). Allelic variation in TAS2R bitter receptor genes associates with variation in sensations

- from and ingestive behaviors towards common bitter beverages in adults. Chemical Senses, 36(3):311-9. PMID: PMC3038275
30. **Knopik, V.S.** (2011). Grand challenge in behavioral and psychiatric genetics: quantitative challenges to keeping up with molecular advances. Frontiers in Genetics 2(9). DOI 10.3389/fgene.2011.00009.
 31. Burkhouse, K.L., Gibb, B.E., Coles, M.E., **Knopik, V.S.**, McGeary, J.E. (2011). Serotonin transporter genotype moderates the link between children's report of overactive parenting and their behavioral inhibition. Journal of Abnormal Child Psychology, 39(6): 783-390. PMID: 21633928.
 32. Gibb, B.E., Johnson, A.L., Benas, J.S., Uhrlas, D.J., **Knopik, V.S.**, McGeary, J.E. (2011). Children's 5HTTLPR genotype moderates the link between maternal criticism and attentional biases specifically for facial displays of anger. Emotion and Cognition, 25(6):1104-20. PMID:21895572
 33. *Mulligan, R., **Knopik, V.S.**, Sweet, L.H., Fischer, M., Seidenberg, M., Rao, S.M. (2011). Neural Correlates of Inhibitory Control in Adult ADHD: Evidence from the Milwaukee Longitudinal Sample. Psychiatry Research: Neuroimaging, Nov 30;194(2):119-29. PMID: 219037201
 34. Clasen, P., Wells, T., **Knopik, V.S.**, McGeary, J.E., Beevers, C. (2011). 5-HTTLPR and BDNF Val66Met polymorphisms moderate effects of stress on rumination. Genes, Brain and Behavior. Oct;10(7):740-6. PMID: 21745335
 35. McGeary, J.E., Gurel, V., **Knopik, V.S.**, Spaulding, J., McMichael, J. (2011). Effects of Nerve Growth Factor (NGF), Fluoxetine and Amitriptyline on Gene Expression Profiles in Rat Brain. Neuropeptides, Oct;45(5):317-22. PMID: 21820738
 36. *Boisvert, D., Wright, J. P., **Knopik, V.S.**, & Vaske, J. (in press). A twin study of sex differences in self-control. Justice Quarterly.
 37. *Boisvert, D., Wright, J. P., **Knopik, V.S.**, & Vaske, J. (in press). Genetic and environmental overlap between low self-control and delinquency. Journal of Quantitative Criminology.
 38. Josephs, B. Telch, M.J., Hixon, J.G., Evans, J.J., Lee, H., **Knopik, V.S.**, McGeary, J.E., Hariri, A.R., Beevers, C.G. (in press). Genetic and hormonal sensitivity to defeat: Three studies testing a serotonin transporter genotype x endogenous testosterone interaction. Neuropsychocrinology. PMID:21978869
 39. Waldron, M., Madden, P.A.F., Nelson, E., **Knopik, V.S.**, Glowinski, A., Grant, J.D., Lynskey, M.L., Jacob, T., Sher, K., Bucholz, K.K., Heath, A.C., (in press). The interpretability of family history reports of alcoholism in general community samples: Findings in a midwestern U.S. twin birth cohort. Alcoholism: Clinical and Experimental Research.
 40. *Nugent, N.R., Lally, M., Brown, L., **Knopik, V.S.**, McGeary, J. (in press). OPRM1 and diagnosis related posttraumatic stress disorder in binge-drinking patients living with HIV. AIDS and Behavior.
 41. Kahler, C.W., Metrik, J., Spillane, N.S., Leventhal, A.M., McKee, S.A., Tidey, J.W., McGeary, J.E., **Knopik, V.S.**, & Rohsenow, D.J. (in press). Sex differences in stimulus expectancy and pharmacologic effects of a moderate dose of alcohol on smoking lapse risk in a laboratory analogue study. Psychopharmacology.
 42. *Maccani, M. and **Knopik, V.S.** (in press). Cigarette Smoke Exposure-Associated Alterations to Noncoding RNA. Frontiers in Genetics
 43. Wells, T. T., Beevers, C. G., **Knopik, V. S.**, & McGeary, J. E. (in press). Dopamine D4 receptor gene variation is associated with context-dependent attention for emotion stimuli. International Journal of Neuropsychopharmacology.

44. *Flessner, C.A., **Knopik, V.S.**, & McGeary, J.E. (in press). Hair pulling disorder (trichotillomania): genes, neurobiology, and a model for understanding impulsivity and compulsivity. Psychiatry Research.
45. **Knopik, V.S.**, *Maccani, M., McGeary, J.E. (in press). The Epigenetics of Maternal Cigarette Smoking During Pregnancy and Effects on Child Development. Development and Psychopathology.

ORIGINAL INVITED PUBLICATIONS

1. **Knopik, V.S.** (2006). Smoking during pregnancy: Genes, Environment, and Study Design. In P.M. Monti (Ed.), Digest of Addiction Theory and Application.
2. **Knopik, V.S.**, *Bidwell, L.C. (2011). Understanding the landscape of developmental and psychiatric genetics: The example of ADHD. In G. Fritz (Ed.), Child and Adolescent Behavior Letter.

BOOKS AND BOOK CHAPTERS

1. DeFries, J.C., **Knopik, V.S.**, and Wadsworth, S.J. (1999). Colorado Twin Study of Reading Disability. In D.D. Duane (Ed.), Reading and attention disorder: Neurobiological correlates (pp. 17-41). Baltimore, Maryland: York Press.
2. Wadsworth, S.J., Davis, C.J., **Knopik, V.S.**, Willcutt, E.G., and DeFries, J.C. (2002). Genetics of reading disabilities. In I. Arcolini and G. Zardini (Eds.) I disturbi di apprendimento della lettura e della scrittura (p.23-35). Milan, Italy: FrancoAngeli.
3. Plomin, R., DeFries, J.C., **Knopik, V.S.**, Neiderhiser, J.M. (2012). Behavioral Genetics (6th edition). New York: Worth Publishers.

MANUSCRIPTS SUBMITTED FOR REVIEW OR IN REVISION

1. McGeary, J.E., **Knopik, V.S.**, Hayes, J., Kalman, D. (revise and resubmit). Predictors of relapse in a bupropion trial for smoking cessation in alcoholics. Physiology and Behavior.
2. Nugent, N.R., Lally, M.A., Brown, L., **Knopik, V.S.**, Frater, S., McGeary, J. (under review). Risk Taking in Binge Drinkers Living with HIV: The Role of Distress Intolerance. Aids and Behavior.
3. **Knopik, V.S.**, *Flessner, C., *Nugent, N., *Bidwell, L.C., Swenson, L., Bucholz, K.K., Madden, P.A.F., Heath, A.C. (under review). Conduct disorder and oppositional defiant disorder: Distinct clinical entities or manifestations of the same underlying liability? Psychological Medicine.
4. Burkhouse, K.L., Uhrlass, D.J., Stone, L.B., **Knopik, V.S.**, Gibb, B.E. (under review). Expressed emotion criticism and risk of depression onset in children. Journal of Clinical Child and Adolescent Psychology.
5. Parade, S., McGeary, J.E., Seifer, R., **Knopik, V.S.** (under review). Infant development in a family context: Call for a genetically informative approach. Frontiers in Behavioral and Psychiatric Genetics.
6. McGeary, J., Cohen, A., *Flessner, C., Gonzalez-Lima, F., **Knopik, V.**, Beevers, C., & Schnyer, D. (under review). TPH2 Variation Associated with Dorsal Raphe Nucleus and Habenula Diffusion Tensor Imaging Measures. Genes, Brain, and Behavior.

7. Miranda, R. Jr., Reynolds, E., Ray, L., Justus, A., **Knopik, V.S.**, McGeary, J., & Meyerson, L.A. (under review). Preliminary Evidence for a Gene-Environment Interaction In Predicting Alcohol Use Disorders in Adolescents. Alcoholism: Clinical and Experimental Research.
8. *Palmer, R.H., Francazio, S., McGeary, J.E., Lander, A.D., Heath, A.C., & **Knopik, V.S.** (under review). The Genetics of Alcohol Dependence: Advancing Towards Systems-based Approaches. Drug and Alcohol Dependence.