

**CURRICULUM VITAE**  
**Valerie Suzanne Knopik, Ph.D.**  
**July 27, 2016**

Bradley Hasbro Children's Research Center  
 Coro West  
 1 Hoppin St, Suite 204  
 Providence, RI 02903  
 Phone: 401.793.8278  
 Fax: 401.444.8742  
 E-mail (primary): [Valerie\\_Knopik@Brown.edu](mailto:Valerie_Knopik@Brown.edu)  
 Email (secondary): [yknopik@lifespan.org](mailto:yknopik@lifespan.org)

**EDUCATION**

Undergraduate	1990-1994	B.A., Psychology B.A., Sociology Wesleyan College Macon, Georgia 1990-1994, Dean's Scholarship 1994, B.A. <i>summa cum laude</i>
Graduate	1995-2000	M.A., Psychology (Behavioral Genetics) Ph.D., Psychology (Behavioral Genetics) University of Colorado Institute for Behavioral Genetics Boulder, Colorado 1997-1999, University Fellowship, University of Colorado Graduate School

**POSTGRADUATE TRAINING**

Fellowship	2000-2002	Postdoctoral Fellow, Psychiatry/Genetic Epidemiology Washington University School of Medicine St. Louis, Missouri Mentor: Andrew C. Heath, D.Phil.
------------	-----------	---

**POSTGRADUATE HONORS AND AWARDS**

2002	Research Society for Alcoholism Junior Investigator Award
2002	Research Society for Alcoholism Enoch Gordis Research Recognition Award finalist
2002-2007	National Institutes of Health Loan Repayment Program Awardee
2003	Research Society for Alcoholism Junior Investigator Award
2003	Research Society for Alcoholism Enoch Gordis Research Recognition Award finalist
2003	ADHD Molecular Genetics Network Travel Award
2005	Nominated Member-at-Large, Behavior Genetics Association

- 2006 Research Excellence Award, Center for Alcohol and Addiction Studies, Brown University
- 2007 NIDA Genetics Workgroup Sponsorship Award, “Prenatal drug exposure: Effects on neuropsychological outcomes” (BGA 2007)
- 2007 Fuller and Scott Early Career Award, Behavior Genetics Association
- 2009 Young Alumna Award for Outstanding Achievement Early in Career, Wesleyan College
- 2010 Lifespan Executive Mentorship Program, Lifespan, RI Hospital, Providence, RI
- 2011 Outstanding Research Mentor Award in Psychology, Dept of Psychiatry and Human Behavior, Brown University
- 2013 Elected Secretary, Behavioral Genetics Association (3-yr term)
- 2014 Outstanding Research Mentor Award, Center for Alcohol and Addiction Studies, School of Public Health, Brown University
- 2014 David J. Fish Research Scholar Award, Department of Psychiatry, Rhode Island Hospital
- 2015 Donal MacNamara Award, American Criminal Justice Society for "A Twin Study of Sex Differences in Self-Control" (Boisvert, Wright, Knopik, and Vaske), published in Justice Quarterly (volume 30: p. 529-559)

**ACADEMIC APPOINTMENTS**

- 1995-2000 Research Asst., Colorado Learning Disabilities Research Center, Institute for Behavioral Genetics, University of Colorado
- 1997 Teaching Assistant, Behavioral Genetics, Dept of Psychology University of Colorado
- 1999 Teaching Assistant, Quantitative Genetics, Dept of Psychology University of Colorado
- 2000-2002 Postdoctoral Fellow, Dept of Psychiatry Washington University School of Medicine, St Louis, MO
- 2003-2004 Research Instructor, Dept of Psychiatry Washington University School of Medicine, St. Louis, MO
- 2004-2010 Assistant Professor (Research), Dept of Community Health, BSS Section Brown University, Providence, RI
- 2009-2010 Assistant Professor (Research), Dept of Psychiatry and Human Behavior Brown University, Providence, RI
- 2010-2016 Associate Professor (Research), Dept of Psychiatry and Human Behavior, and Dept of Behavioral and Social Sciences Brown University, Providence, RI
- 2010-pres Adjunct Associate Professor, Dept of Psychiatry, Washington University School of Medicine, St Louis, MO
- 2016-pres Professor (Research), Dept of Psychiatry and Human Behavior, and Dept of Behavioral and Social Sciences Brown University, Providence, RI
- 2009-pres Director, Division of Behavioral Genetics, Department of Psychiatry; Senior Research Scientist Rhode Island Hospital, Providence, RI

**OTHER APPOINTMENTS (includes peer review, grant review, editorial responsibilities, and executive committee appointments)**

1992-1993	Intern, Psychoeducational Center, Macon, GA
1993-1994	Research Intern, Neuropsychiatry, Mercer Medical School, Mercer University, Macon, GA
1996-1999	Data manager, Colorado Learning Disabilities Research Center, Institute for Behavioral Genetics, University of Colorado
2000-pres	Invited ad hoc reviewer for the following journals: <i>Addiction</i> <i>Alcoholism: Clinical and Experimental Research</i> <i>American Journal of Medical Genetics-Neuropsychiatric Genetics</i> <i>American Journal of Psychiatry</i> <i>Archives of Pediatrics and Adolescent Medicine</i> <i>Behavior Genetics</i> <i>Biological Psychiatry</i> <i>Biological Psychology</i> <i>BioMed Central Psychiatry</i> <i>Child Development</i> <i>International Journal of Epidemiology</i> <i>JAMA</i> <i>JAMA Psychiatry (formerly Archives of General Psychiatry)</i> <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> <i>Journal of Child and Adolescent Mental Health</i> <i>Journal of Child Psychology and Psychiatry</i> <i>Journal of Consulting and Clinical Psychology</i> <i>Journal of Pediatric Psychology</i> <i>Journal of Neurogenetics</i> <i>Journal of Studies on Alcohol</i> <i>Learning and Individual Differences</i> <i>Nicotine and Tobacco Research</i> <i>Personality and Individual Differences</i> <i>PLOS ONE</i> <i>Preventative Medicine</i> <i>Psychiatric Genetics</i> <i>Psychiatry Research</i> <i>Psychological Bulletin</i> <i>Psychological Medicine</i> <i>Psychological Science</i> <i>Psychological Reports</i> <i>Scientific Studies of Reading</i> <i>Twin Research and Human Genetics</i>
2005	External Promotion Reviewer Virginia Commonwealth University Richmond, VA
2005	Reviewer for abstracts Society for Research on Nicotine and Tobacco Annual meeting 2006

- 2006 Reviewer for abstracts  
Society for Research on Nicotine and Tobacco  
Annual meeting 2007
- 2009 External Promotion Reviewer  
Virginia Commonwealth University  
Richmond, VA
- 2009-pres Associate Editor, *Behavior Genetics*
- 2010-pres Editorial Board, *Frontiers in Child and Neurodevelopmental Psychiatry*
- 2010-2016 Chief Editor, Specialty Field, *Frontiers in Behavioral and Psychiatric Genetics*
- 2013-pres Secretary (elected by international society membership),  
Behavioral Genetics Association (3-year term)
- 2014-pres Editorial Board (invited by Kenneth Kendler, MD),  
*Psychological Medicine*
- 2015-pres PhenX Expert Review Panel: Alcohol, Tobacco, and Other  
Substances domain (PhenX Toolkit  
(<https://www.phenxtoolkit.org/>) funded by National Human  
Genome Research Institute (NHGRI))

Scientific Grant Review:

- 2005 Invited reviewer: Scientific Grant Review (2005)  
*The Wellcome Trust*, London UK
- 2005 Invited reviewer: Scientific Grant Review (2005)  
NICHD, Child Behavior and Development Branch  
ZHD1 DSR-H 27 S, RFA (HD-04-027) "Learning  
Disabilities: Multidisciplinary Research Centers."
- 2006 Invited reviewer: Scientific Grant Review (2006)  
Netherlands Organization for Health Research and  
Development
- 2007 Invited reviewer: Scientific Grant Review (Feb 2007)  
NIH, Child Psychopathology & Developmental  
Disabilities (CPDD) IRG
- 2007 Invited reviewer: Scientific Grant Review (May 2007)  
NIH, Special Emphasis Panel, Linking Environments,  
Behaviors, and HIV/AIDS
- 2008 Invited reviewer: Scientific Grant Review (2008)  
Swiss National Science Foundation
- 2008 Invited reviewer: Scientific Grant Review (June 2009)  
John Templeton Foundation
- 2009 Invited reviewer: Scientific Grant Review (June 2009)  
NIH, Biobehavioral and Behavioral Processes (BBBP-  
C) IRG
- 2009 Invited reviewer: Scientific Grant Review (Oct 2009)  
NIH, Child Psychopathology & Developmental  
Disabilities (CPDD) IRG
- 2010 Invited reviewer: Scientific Grant Review (June 2010)  
NIH, Special Emphasis Panel, ZRG1 PSE-E 50,  
Accelerating the Pace of Drug Abuse Research Using  
Existing Epidemiology, Prevention, and Treatment  
Research Data

- 2010 Invited reviewer: Scientific Grant Review, NIH, Special Emphasis Panel, Deep Sequencing and Analysis of Pharmacogenomic Regions: Discovery and Analysis of Genetic Variants Contributing to Drug Abuse and Addiction
- 2010 Invited reviewer: Scientific Grant Review (Oct 2010) NIH, Behavioral Genetics and Epidemiology (BGES) IRG
- 2011 Invited reviewer: Scientific Grant Review (March 2011) CDC, Special Emphasis Panel evaluating FOA #: DP11-001: Pregnancy Risk Assessment Monitoring System (PRAMS)
- 2011 Invited reviewer: Scientific Grant Review, NIH, Special Emphasis Panel, Accelerating the Pace of Drug Abuse Research Using Existing Epidemiology, Prevention, and Treatment Research Data, ZRG1 PSE G55
- 2011 Invited reviewer: Scientific Grant Review, NIH, Special Emphasis Panel, Chronic Diseases, ZRG1 PSE M03
- 2011 Invited reviewer: Scientific Grant Review NICHD, Child Behavior and Development Branch 2011/10 ZHD1 DSR-H (53) R "Learning Disabilities: Multidisciplinary Research Centers."
- 2011-2015 Member, Behavioral Genetics and Epidemiology Study Section (BGES), Center for Scientific Review, NIH
- 2014 Invited reviewer: Scientific Grant Review Netherlands Organization for Scientific Research (NWO)
- 2014 Invited reviewer: Scientific Grant Review Medical Research Council (MRC), United Kingdom
- 2015 Invited reviewer: Scientific Grant Review (Feb 2015) NIMH Cooperative Agreement Review Meeting – Longitudinal Assessment of Post-traumatic Syndromes
- 2016 Invited reviewer: Scientific Grant Review (Jan 2016), CDC, Special Emphasis Panel ZDP1 KVA (A2) Pregnancy Risk Assessment Monitoring System, Component A
- 2016 Invited reviewer: Scientific Grant Review (Jan 2016), NIH, Special Emphasis Panel ZHD1 DSR(H) CB1 Multivariate Genetics and Genomics of Reading Comprehension and Related Cognition

### UNIVERSITY COMMITTEES

- 2004-2008 Research Excellence Awards Committee (Ad Hoc member)  
Center for Alcohol and Addiction Studies  
Brown University, Providence, RI
- 2004-2008 Postdoctoral Training Committee  
NIDA/NIAAA Postdoctoral Fellowship Program  
Center for Alcohol and Addiction Studies  
Brown University, Providence, RI
- 2006-2009 Website Development Committee  
Department of Community Health

- Behavioral and Social Sciences Section  
Brown University, Providence, RI
- 2007-2009 Research Synergies and Partnerships Committee  
Program in Public Health  
Brown University, Providence, RI
- 2008-pres Research Excellence Awards Committee  
Center for Alcohol and Addiction Studies  
Brown University, Providence, RI
- 2009-pres Postdoctoral Training Committee  
NIMH Child Mental Health Postdoctoral Fellowship Program  
Department of Psychiatry and Human Behavior  
Brown University, Providence, RI
- 2013-pres Fulbright Committee  
Brown University, Providence, RI
- 2014-pres Postdoctoral Training Committee  
NHLBI Cardiovascular Behavioral Medicine Postdoctoral  
Fellowship Program  
Center for Behavioral and Preventative Medicine  
Brown University, Providence, RI
- 2016-pres Lifespan Research Information Technology Council  
Providence, RI

**COMMUNITY SERVICE**

- 2005-2006 Member, Executive Board of Directors  
Child Care Center, Inc  
Butler Hospital  
Providence, RI
- 2006-2007 Co-President, Executive Board of Directors  
Eastside Early Learning Center  
(formerly Child Care Center, Inc)  
Butler Hospital  
Providence, RI
- 2007-2008 President, Executive Board of Directors  
Eastside Early Learning Center  
(formerly Child Care Center, Inc)  
Butler Hospital  
Providence, RI
- 2012 Event/fundraising organizer/host  
Center for Building Hope  
Leanna's Way Project event
- 2014 Event/Fundraising organizer/Host  
Teen Challenge Rhode Island  
April 4, 2014 (written up in Cranston Herald: Link:  
<http://cranstononline.com/stories/Teen-Challenge-makes-strides-at-Raffa-Yoga,91428>)
- 2015-pres Advisory Board, Metta Students Foundation  
[www.mettastudents.org](http://www.mettastudents.org)

**MEMBERSHIP IN SOCIETIES**

1995-pres	Member, Behavior Genetics Association (elected Secretary 2014-present)
1997-pres	Member, Association for Psychological Science (previously American Psychological Society)
2000-pres	Member, International Society for Twin Studies
2001-pres	Member, Research Society on Alcoholism
2005-pres	Member, Society for Research on Nicotine and Tobacco
2008-pres	Elected member (2008-2012), Elected Fellow (2012-present), American Psychopathological Association
2008-pres	Member, Society for Research in Child Development
2010-pres	Member, NY Academy of Sciences
2012-pres	Member, American Academy for the Advancement of Science

## PUBLICATIONS LIST

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

\* Student, postdoctoral fellow (current or prior), or trainee

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: PMC3581055
  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: PMC3581080
  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: PMC2758781
  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: PMC2706288
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: PMC3004721
  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, 4(6):446-453. PMID: PMC3114454
  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: PMC3152444
  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: PMC3170093
  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: PMC3196255
  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: PMC3401070
  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. 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. (2012). Sex differences in stimulus expectancy and pharmacologic effects of a moderate dose of alcohol on smoking lapse risk in a laboratory analogue study. Psychopharmacology, Jul;222(1):71-80. PMID: 22227611.
  37. Carskadon MA, Sharkey KM, **Knopik VS**, McGeary JE. (2012). Short Sleep as an Environmental Exposure: A Preliminary Study Associating 5-HTTLPR Genotype to Self-Reported Sleep Duration and Depressed Mood in First-Year University Students. Sleep. Jun 1;35(6):791-6. PMID: PMC3353054
  38. \*Maccani, M. and **Knopik, V.S.** (2012). Cigarette Smoke Exposure-Associated Alterations to Noncoding RNA. Frontiers in Genetics, 3:53. PMID: PMC3321413
  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., (2012). 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, Jun;36(6):590-7. PMID:PMC3330191
40. Josephs, B. Telch, M.J., Hixon, J.G., Evans, J.J., Lee, H., **Knopik, V.S.**, McGeary, J.E., Hariri, A.R., Beavers, C.G. (2012). Genetic and hormonal sensitivity to defeat: Three studies testing a serotonin transporter genotype x endogenous testosterone interaction. Psychoneuroendocrinology. Jun;37(6):752-61. PMID:PMC3262096
  41. \*Boisvert, D., Wright, J. P, **Knopik, V.S.**, & Vaske, J. (2012). Genetic and environmental overlap between low self-control and delinquency. Journal of Quantitative Criminology, 28(3), 477-507.
  42. \*Flessner, C.A., **Knopik, V.S.**, & McGeary, J.E. (2012). Hair pulling disorder (trichotillomania): genes, neurobiology, and a model for understanding impulsivity and compulsivity. Psychiatry Research, Oct 30;199(3):151-8. PMID:22537722
  43. \*Palmer, R.H., \*Francazio, S., McGeary, J.E., Lander, A.D., Heath, A.C., & **Knopik, V.S.** (2012). The Genetics of Alcohol Dependence: Advancing Towards Systems-based Approaches. Drug and Alcohol Dependence, Oct 1;125(3):179-91. PMID:PMC3470479
  44. Burkhouse, K.L., Uhrllass, D.J., Stone, L.B., **Knopik, V.S.**, Gibb, B.E. (2012). Expressed emotion criticism and risk of depression onset in children. Journal of Clinical Child and Adolescent Psychology, Nov;41(6):771-7. PMID: PMC3493706
  45. McGeary, J.E., **Knopik, V.S.**, Hayes, J., Kalman, D. (2012). Predictors of relapse in a bupropion trial for smoking cessation in recently-abstinent alcoholics: Preliminary results using an aggregate genetic risk score, Substance Abuse Research and Treatment, 6:107-14. PMID: PMC3460669
  46. Parade, S., McGeary, J.E., Seifer, R., **Knopik, V.S.** (2012). Infant development in a family context: Call for a genetically informative approach. Frontiers in Behavioral and Psychiatric Genetics, 3:167. PMID: PMC3432496
  47. **Knopik, V.S.**, \*Maccani, M., \*Francazio, S., McGeary, J.E. (2012). The Epigenetics of Maternal Cigarette Smoking During Pregnancy and Effects on Child Development. Development and Psychopathology, Nov;24(4):1377-90. PMID: PMC3581096
  48. \*Nugent, N.R., Lally, M., Brown, L., **Knopik, V.S.**, McGeary, J. (2012). OPRM1 and diagnosis related posttraumatic stress disorder in binge-drinking patients living with HIV. AIDS and Behavior, 16(8):2171-80. PMID: PMC3711210
  49. Allen, A.L., McGeary, J.E., **Knopik, V.S.**, Hayes, J.E. (2013). Bitterness of the non-nutritive sweetener Acesulfame Potassium varies with polymorphisms in *TAS2R9*, *TAS2R31* and *TAS2R38*. Chemical Senses, 38 (5): 379-389. PMID:PMC3657735
  50. \*Boisvert, D., Wright, J. P., **Knopik, V.S.**, & Vaske, J. (2013). A twin study of sex differences in self-control. Justice Quarterly, 30: 529-559.
  51. Miranda, R. Jr., Reynolds, E., Ray, L., Justus, A., **Knopik, V.S.**, McGeary, J., & Meyerson, L.A. (2013). Preliminary Evidence for a Gene-Environment Interaction In Predicting Alcohol Use Disorders in Adolescents. Alcoholism: Clinical and Experimental Research, 37(2):325-31. PMID:PMC3700411
  52. Wells, T. T., Beavers, C. G., **Knopik, V. S.**, & McGeary, J. E. (2013). Dopamine D4 receptor gene variation is associated with context-dependent attention for emotion stimuli. International Journal of Neuropsychopharmacology, 16(3):525-34. PMID:PMC3799761
  53. \*Maccani, MA, Padbury, J, Lester, B.M., **Knopik, V.S.**, Marsit, C. (2013). Placental miRNA Expression Profiles Associated with Measures of Infant Neurobehavioral Outcomes. Pediatric Research, 74(3):272-8. PMID:PMC3766495
  54. \*Bidwell, L.C., Metrik, J., McGeary, J., \*Palmer, R.H.C, \*Francazio, S., **Knopik, V.S.** (2013). Impulsivity, variation in the Cannabinoid receptor (*CNR1*) and Fatty acid amide

- hydrolase (*FAAH*) genes, and marijuana-related problems. Journal of Studies on Alcohol and Drugs, 74(6):867-78. PMID: PMC3817049
55. \*Palmer, R.H.C., **Knopik, V.S.**, Young, S.E., Hopfer, C.J., Corley, R.C., Stallings, M.C., Rhee, S.H., Hewitt, J.K. (2013). Prospective Effects of Adolescent Indicators of Behavioral Disinhibition on DSM-IV Alcohol, Tobacco, and Illicit Drug Dependence in Young Adulthood. Addictive Behaviors, 38(9):2415-21. PMID: PMC3681900
  56. **Knopik, V.S.** (2013). Born Together-Reared Apart: The Landmark Minnesota Twin Study. Personality and Individual Differences, 55(1): 82.
  57. \*Smith, T, \*Maccani, MA, **Knopik, VS** (2013). Epigenetics and the Law: Maternal Smoking During Pregnancy and Child Behavioral Problems. Hastings Law Journal, 64(6): 1619-1648.
  58. Stuart, G.L., McGeary, J., Shorey, R.C., **Knopik, V.**, Beaucage, K., & Temple, J.R. (2014). Genetic associations with intimate partner violence in a sample of hazardous drinking men in batterer intervention programs. Violence Against Women, 20(4), 385-400.
  59. **Knopik, V.S.**, \*Bidwell, L.C., \*Flessner, C., \*Nugent, N., Swenson, L., Bucholz, K.K., Madden, P.A.F., Heath, A.C. (2014). DSM-IV defined conduct disorder and oppositional defiant disorder: An investigation of shared liability in female twins. Psychological Medicine, 44(5), 1053-1064.
  60. Stuart, G.L., McGeary, J., Shorey, R.C., & **Knopik, V.** (2014). Further investigation of genetics and intimate partner violence. Violence Against Women, 20(4), 420-426.
  61. Kahler, CW, Metrik, J, Spillane, NS, Day, A, Leventhal, AM, McKee, SA, Tidey, JW, McGeary, JE, **Knopik, VS**, Rohsenow, DJ. (2014). Acute effects of low and high dose alcohol on smoking behavior in a laboratory analogue task. Psychopharmacology, 231(24):4649-57.
  62. Xu, X., Clark, US, David, SP, \*Mulligan, RC, **Knopik, VS**, McGeary, J., MacKillop, J., McCaffery, J., Niuara, R., Sweet, L. (2014). The effects of nicotine deprivation and replacement on BOLD-fMRI response to smoking cues as a function of DRD4 VNTR genotype. Nicotine and Tobacco Research, 16(7):939-47.
  63. Kudinova, A.Y., McGeary, J.E., **Knopik, V.S.**, & Gibb, B.E. (2015). Brain Derived Neurotrophic Factor (*BDNF*) Polymorphism Moderates the Interactive Effect of 5-HTTLPR polymorphism and Childhood Abuse on Diagnoses of Major Depression in Women. Psychiatry Research, 225(3):746-7.
  64. \*Bidwell, LC, McGeary, J, Gray, J, \*Palmer, R, **Knopik, VS**, MacKillop, J. (2015). NCAM1-TTC12-ANKK1-DRD2 polymorphisms and smoking motives as intermediate phenotypes for nicotine dependence. Psychopharmacology, 232(7):1177-86.
  65. Xie, Z., Maddox, W.T., **Knopik, V.S.**, McGeary, J.E., Chandrasekaran, B. (2015). Dopamine receptor D4 (DRD4) gene modulates the influence of informational masking on speech recognition. Neuropsychologia, 67:121-31.
  66. Gorlick, M.A., Worthy, D.A., **Knopik, V.S.**, McGeary, J.E., Beevers, C., Maddox, W.T. (2015). DRD4 7 Repeat Carriers Show Enhanced Selective Attention to High-Priority Items in the Environment. Journal of Cognitive Neuroscience, 27(3):509-21.
  67. Blanco NJ, Love BC, Cooper JA, McGeary JE, **Knopik VS**, Maddox WT. (2015). A frontal dopamine system for reflective exploratory behavior. Neurobiology of Learning and Memory, 123:84-91.
  68. \*Palmer, R.H.C., \*Brick, L., \*Nugent, N., \*Bidwell, L.C., McGeary, J.E., **Knopik, V.S.**, Keller, M. (2015). Examining the role of common genetic variants on alcohol, tobacco, cannabis, and illicit drug dependence. Addiction, 110(3):530-7.
  69. **Knopik, V.S.**, Heath, A.C, \*Marceau, K., \*Palmer, R.H.C., McGeary, J.E., Todorov, A., Evans, A. (2015). Missouri Mothers and their Children (MO-MATCH): A family study of the prenatal environment. Twin Research and Human Genetics, 18(5): 485-496.

70. Spirito, A., Hernandez, L., Cancelliere, MK, Graves, H, **Knopik, VS**, Barnett, N. (2015). Improving Parenting and Parent-Adolescent Communication to Delay or Prevent the Onset of Alcohol and Drug Use in Young Adolescents with Emotional/Behavioral Disorders: A Pilot Trial. Journal of Child and Adolescent Substance Use, 24(5): 308-322.
71. \*Palmer, R.H.C., McGeary, JE, Heath, AC, Keller, MC, **Knopik, VS** (2015). Evidence for Shared Additive Genetic Influences on DSM-IV Criteria for Alcohol Dependence. Addiction, 110(12):1922-31.
72. \*Bidwell, L.C., McGeary, J.E., Gray, J., \*Palmer, R.H.C., Gray, J., **Knopik, V.S.**, & MacKillop, J. (2015). Associations between dopamine-linked genetic variation and smoking motives in African Americans Pharmacology, Biochemistry and Behavior, 138:104-10.
73. Metrik, J., Aston, ER, Kahler, CW, Rohsenow, DJ, McGeary, JE, **Knopik, VS** (2015). Marijuana's Acute Effects on Cognitive Bias for Affective and Marijuana Cues. Experimental and Clinical Psychopharmacology, 23(5):339-50.
74. \*Bidwell, L.C., **Knopik, V.S.**, Audrain-McGovern, J., Glynn, T. R., Spillane, N.S., Ray, L. A., Riggs, N.R., Guillot, C., Pang, R.D., & Leventhal, A.M. (2015) Novelty seeking as a phenotypic marker of adolescent substance use. Substance Abuse: Research and Treatment, 9(Suppl 1):1-10.
75. Burkhouse, K. Woody, M.L., Owens, M.J., McGeary, J.E., **Knopik, V.S.**, Gibb, B.E. (2016). Sensitivity in Detecting Facial Displays of Emotion: Impact of Maternal Depression and Oxytocin Receptor Genotype. Cognition and Emotion, 30(2): 275-287.
76. Woody, ML, Kudinova, AY, McGeary, JE, **Knopik, VS**, \*Palmer, RHC, Gibb BE (2016). Influence of maternal depression on children's brooding rumination: Moderation by CRHR1 TAT haplotype. Cognition and Emotion, 30(2): 302-314.
77. Plomin, R., DeFries, J.C., **Knopik, V.S.**, Neiderhiser, J.M. (2016). Top 10 replicated findings from behavioral genetics. Perspectives in Psychological Science, 11(1): 3-23.
78. **Knopik, V.S.**, \*Marceau, K., \*Palmer, R.H.C., \*Smith, T.F., Heath, A.C. (2016). Maternal smoking during pregnancy and offspring birth weight: A genetically-informed approach comparing multiple raters. Behavior Genetics, 46: 353-364.
79. **Knopik, V.S.**, Neiderhiser, J.M., de Geus, E., Boomsma, D.I. (2016). The importance of the prenatal environment in behavioral genetics: Introduction to special issue. Behavior Genetics, 46: 281-285.
80. **Knopik, V.S.** (2016). Behavioral Genetics: Psychological Perspectives. In James D. Wright (Ed) International Encyclopedia of the Behavioral and Social Sciences (2<sup>nd</sup> edition).
81. Lechner, W. V., **Knopik, V. S.**, McGeary, J. E., Spillane, N. S., Tidey, J. W., McKee, S. A., Metrik, J., Leventhal, A. N., Rohsenow, D. J., & Kahler, C. W. (2016). Influence of the A118G polymorphism of the OPRM1 gene and exon 3 VNTR polymorphism of the DRD4 gene on cigarette craving after alcohol administration. Nicotine and Tobacco Research, 18: 632-636.
82. \*Marceau, K., Neiderhiser, J.M., **Knopik, V.S.**, Lichtenstein, P., Spotts, E., Ganiban, J., Reiss, D. (in press). Age Moderates Genetic and Environmental Influences on Parent-Adolescent Positivity and Negativity: Implications for Genotype-Environment Correlation. Development and Psychopathology, 28: 149-166.
83. Owens, M., Johnson, A. , Burkhouse, K. McGeary, J., **Knopik, V.S.**, \*Palmer, R.H.C., Gibb, B. (in press). Eye Tracking Indices of Attentional Bias in Children of Depressed Mothers: Polygenic Influences Help to Clarify Previous Mixed Findings. Development and Psychopathology.

84. Love, B.C., Cooper, J.A., McGeary, J.E., **Knopik, V.S.**, Maddox, T. (in press). A Frontal Dopamine System for Reflective Exploratory Behavior. Neurobiology of Learning and Memory.
85. \*Smith, T.F., Schmidt-Kastner, R., McGeary, J.E., Kaczorowski, J.A., & **Knopik, V.S.** (in press). Prenatal ischemia-hypoxia, the ischemia-hypoxia response pathway, and ADHD risk: A multi-omic perspective. Behavior Genetics.
86. Maddox, W.T., Gorlick, M.A., Koslov, S., McGeary, J.E., **Knopik, V.S.**, Beevers, C.G. (in press). Serotonin transporter genetic variation is differentially associated with reflexive- and reflective-optimal learning. Cerebral Cortex.
87. **Knopik, V.S.**, \*Marceau, K., \*Bidwell, L.C., \*Palmer, R.H.C., \*Smith, T.F., Todorov, A., Evans, A., Heath, A.C. (in press). Smoking during pregnancy and ADHD risk: A genetically informed and multiple rater approach. American Journal of Medical Genetics, Part B, Neuropsychiatric Genetics.
88. \*Marceau, K., \*Palmer, R.H.C., Neiderhiser, J.M., McGeary, J.E., \*Smith, T.F., & **Knopik, V.S.** (in press). Passive rGE or developmental gene-environment cascade? An investigation of the role of xenobiotic genes in the association between smoking during pregnancy and child birthweight. Behavior Genetics.
89. \*Palmer, R.H.C., \*Bidwell, L.C., Heath A.C., Brick, L. Madden, P.A.F., & **Knopik, V.S.** (in press). Maternal smoking during pregnancy and offspring externalizing problems: A propensity score approach. Behavior Genetics.
90. \*Marceau, K., McMaster, M.T.B., \*Smith, T.F., Daams, J.G., Beijsterveldt, C.E.M., Boomsma, D.I., **Knopik, V.S.** (in press). The prenatal environment in twin studies: A review on chorionicity. Behavior Genetics.
91. Stuart, G.L., McGeary, J., Shorey, R.C., & **Knopik, V.S.** (in press). Genetics moderate alcohol and intimate partner violence treatment outcomes in a randomized clinical trial of hazardous drinking men in batterer intervention programs: A preliminary investigation. Journal of Consulting and Clinical Psychology.
92. \*Bidwell, LC, \*Palmer, R.H.C., \*Brick, L., McGeary, JE, **Knopik, V.S.** (in press). Genome-wide SNP Heritability of Nicotine Dependence as a Multidimensional Phenotype. Psychological Medicine.
93. \*Bidwell, L.C, \*Palmer, R.H.C., \*Brick, L., Heath, A.C., Madden, P.A.F., **Knopik, V.S.** (in press). A propensity scoring approach to characterizing the effects of maternal smoking during pregnancy on offspring's initial responses to cigarettes and alcohol. Behavior Genetics.
94. \*Palmer, R.H.C., \*Nugent, N., \*Brick, L., Bidwell, L.C., McGeary, JE, Keller, MC, **Knopik, VS** (in press). Evidence of shared genome-wide additive genetic effects on vulnerability to drug dependence and trauma exposure in a population of substance users. Journal of Traumatic Stress.
95. Pearson, R., \*Palmer, R.H.C., \*Brick, L.A., McGeary, J.E., **Knopik, V.S.**, Beevers, C. (in press). Additive Genetic Contribution to Symptom Dimensions in Major Depressive Disorder. Journal of Abnormal Psychology.
96. Kudinova, A.Y., Deak, T., Hueston, C.M., McGeary, J.E., **Knopik, V.S.**, \*Palmer, R.H.C., Gibb, B.E (in press). Cross-Species Evidence for the Role of Interleukin-33 in Depression Risk. Journal of Abnormal Psychology.
97. Ayorech, Z., Selzam, S., Smith-Wooley, E., **Knopik, V.S.**, Neiderhiser, J., DeFries, J.C., Plomin, R. (in press). Publication trends over 55 years of behavioral genetic research. Behavior Genetics.
98. \*Palmer, R.H.C., Beevers, C., McGeary, J.E., \*Brick, LA, **Knopik, V.S.** (in press). A preliminary study of genetic variation in the dopaminergic and serotonergic systems and genome-wide additive genetic effects on depression severity and treatment response. Clinical Psychological Science.

99. Metrik, J., Aston, E., Kahler, C., Rohsenow, D., McGeary, J., **Knopik, V.S.**, MacKillop, J. (in press). Cue-Elicited Increases in Incentive Salience for Marijuana: Craving, Demand, and Attentional Bias. Drug and Alcohol Dependence.  
100.

### **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. (2013). Behavioral Genetics (6<sup>th</sup> edition). New York: Worth Publishers.
4. **Knopik, V.S.**, Neiderhiser, J.M., DeFries, J.C., Plomin, R. (to be released September 2016, with official publication date 2017). Behavioral Genetics (7<sup>th</sup> edition). New York: Worth Publishers.

### **MANUSCRIPTS SUBMITTED FOR REVIEW OR IN REVISION**

\* Student, postdoctoral fellow (current or prior), or trainee

1. 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.
2. Byrne, K.A., Worth, D.A., **Knopik, V.S.**, McGeary, J., Beevers, C., Maddox, W.T. (under review). The COMT Val158Met Polymorphism Influences State-Based Decision-Making. Molecular Psychiatry.
3. Barker, D.H., Nugent, N., Delgado, J., **Knopik, V.**, Lally, M., & McGeary, J. (under review). The moderating role of *DAT1* genotype on the interplay among hazardous drinking, sexual risk behavior, and treatment adherence in HIV-positive individuals. AIDS and Behavior.
4. \*Marceau, K., \*Bidwell, L.C., Karoly, H.C., Evans, A., Todorov, A., \*Palmer, R.H.C., Heath, A.C., **Knopik, V.S.** (under review). Within family effects of smoking during pregnancy on ADHD: the importance of phenotype. Journal of Abnormal Child Psychology.
5. **Knopik, V.S.**, \*Marceau, K., and \*Bidwell, L.C. (under revision for editors). The prenatal period as a critical window: Epigenetics and substance use. In Monti, P., Colby, S.M., and O'Leary, T (Eds). *Adolescence, Alcohol, and Substance Abuse: Reaching Teens Through Brief Interventions- Second Edition*.

**MANUSCRIPTS IN PREPARATION****\* Student, current or former postdoctoral fellow (current or prior), or trainee**

1. \*Smith T.F., **Knopik, V.S.**, Roza, S.J., & the Generation R Study Group. Ischemia-hypoxia related obstetric complications and risk for ADHD and executive functioning deficits.
2. \*Smith T.F., Schmidt-Kastner, R., McGeary, J.M., & **Knopik, V.S.** Commonality among ADHD candidate genes and the ischemia-hypoxia response gene set: Evidence for an early environmental pathway to ADHD.
3. McGeary, J.E., \*Nugent, N.R., Brown, L., \*Smith, T.F., **Knopik, V.S.**, & Lally, M.A. Condom nonuse in individuals living with HIV and a history of binge drinking: The effects of alcohol use and DRD4 genotype.
4. **Knopik, V.S.**, \*Bidwell, L.C., \*Smith, T.F., \*Palmer, R.H.C., Heath, A.C. DSM-IV defined ADHD, conduct disorder and oppositional defiant disorder: An investigation of shared liability in female twins using two-stage modeling. Anticipated submission to Psychological Medicine.
5. \*Marceau, K., **Knopik, V.S.**, Reiss, D., Shaw, D., Natsuaki, M., Fisher, P., Leve, L., Neiderhiser, J. Prenatal mechanisms of genetic influences on cross-lagged associations between cortisol and internalizing problems over time. Anticipated submission to Journal of Abnormal Child Psychology.
6. \*Smith, T.F., \*Razenhofer, L., Jelalian, E., McGeary, J.E., & **Knopik, V.S.** Elucidating biological pathways for obesity and ADHD using pathway-based analysis.
7. \*Palmer, RHC, McGeary, JE., **Knopik, VS**, \*Bidwell, LC, Metrik, JM (in preparation). *CNR1* and *FAAH* variation and affective states induced by marijuana smoking.

**ABSTRACTS/PRESENTATIONS/SYMPOSIA****\* Student, postdoctoral fellow, or trainee**

1. Lauterbach, E.C., Wilson, A.N., Price, S.T., **Knopik, V.S.**, and Jackson, J.G. (1994). Post-stroke generalized anxiety: Parkinsonism, dystonia, and the globus pallidus. Biological Psychiatry, **35**, 681. (abstract).
2. Lauterbach, E.C., Price, S.T., Wilson, A.N., **Knopik, V.S.**, Jackson, J.G., and Kavali, C.M. (1994). Post-stroke major depression: Parkinsonism and thalamocortical systems relations. Biological Psychiatry, **35**, 681. (abstract).
3. Lauterbach, E.C., Wilson, A.N., Price, S.T., **Knopik, V.S.**, and Jackson, J.G. (1994). Post-stroke bipolar disorders: Age and the thalamus. Biological Psychiatry, **35**, 681. (abstract).
4. Lauterbach, E.C., Wilson, A.N., Price, S.T., **Knopik, V.S.**, and Jackson, J.G. (1994). Post-stroke anxiety: Relations to the globus pallidus, dystonia, and parkinsonism. Journal of Neuropsychiatry and Clinical Neuroscience, **6**(3), 316-317. (abstract).
5. **Knopik, V.S.**, DeFries, J.C., and Alarcón, M. (1996). Comorbidity of mathematics and reading deficits in a twin study of mathematics disability. Behavior Genetics, **26**(6), 589. (abstract). *Poster presentation Behavioral Genetics Association meeting, Pittsburgh, PA.*
6. **Knopik, V.S.**, Olson, R.K., Alarcón, M., Cherny, S.S., and DeFries, J.C. (1997). Etiology of covariation between measures of speeded and perceptual processes and reading performance: A twin study. Behavior Genetics, **27**(6), 596. (abstract). *Poster presentation Behavioral Genetics Association meeting, Toronto, Ontario.*

7. **Knopik, V.S.** and DeFries, J.C. (1998). Common genetic influences on general cognitive ability in males and females: A twin study. *Behavior Genetics*, **26**(6), 474. (abstract). *Oral presentation Behavioral Genetics Association meeting, Stockholm, Sweden.*
8. **Knopik, V.S.** and DeFries, J.C. (1999). Reading and mathematics performance in twin pairs with and without reading difficulties. *Behavior Genetics*, **29**(5), 360-361. (abstract). *Oral presentation Behavioral Genetics Association meeting, Vancouver, British Columbia.*
9. Davis, C.J., **Knopik, V.S.**, Wadsworth, S.J., and DeFries, J.C. (1999). Etiology of the relationship between reading performance and rapid automatic naming: A twin study. *Behavior Genetics*, **29**(5), 353. (abstract). *Poster presentation Behavioral Genetics Association meeting, Vancouver, British Columbia.*
10. Davis, C.J., **Knopik, V.S.**, Wadsworth, S.J., Olson, R.K., and DeFries, J.C. (2000). Differential genetic etiology of reading disability as a function of rapid automatized naming and phonological awareness. *Behavior Genetics*, **30**(5), 401-402. (abstract). *Poster presentation Behavioral Genetics Association meeting, Burlington, VT.*
11. **Knopik, V.S.**, Heath, A.C., Madden, P.A.F., and Bucholz, K.K. (2001) Parental alcohol dependence and offspring academic impairment. *Alcoholism: Clinical and Experimental Research*, suppl. **25**(5), 44A. (abstract). *Poster presentation Research Society for Alcoholism meeting, Montreal, Quebec.*
12. **Knopik, V.S.**, Heath, A.C., Madden, P.A.F., Bucholz, K.K., Nelson, E.C., and Martin N.G. (2001). Genetic epidemiology of alcohol dependence in a heavy drinking national twin cohort. *Twin Research*, **4**(3), 190. (abstract). *Poster presentation International Society for Twin Studies meeting, London, UK.*
13. **Knopik, V.S.**, Heath, A.C., Madden, P.A.F., Bucholz, K.K., Nelson, E.C., and Martin, N.G. (2001). Genetics of alcohol dependence: Controlling for other heritable risk factors. *Behavior Genetics*, **31**(5), 458. (abstract). *Oral presentation Behavioral Genetics Association meeting, Cambridge, UK.*
14. 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). Reading difficulties and rapid naming: Bivariate twin and genetic linkage analyses. *Behavior Genetics*, **31**(5), 451. (abstract). *Poster presentation Behavioral Genetics Association meeting, Cambridge, UK.*
15. **Knopik, V.S.**, Bucholz, K.K., Madden, P.A.F., and Heath, A.C. (2002). Maternal smoking during pregnancy and ADHD in daughters: The confounding effects of parental alcoholism and maternal drinking during pregnancy. *Alcoholism: Clinical and Experimental Research*, suppl. **26**(5), 177A. (abstract). *Poster presentation Research Society for Alcoholism meeting, San Francisco, CA.*
16. **Knopik, V.S.**, Heath, A.C., Madden, P.A.F., Bucholz, K.K., Slutske, W.S., Nelson, E.C., and Martin, N.G. (2002). Genetic effects on alcohol dependence: Re-evaluating the importance of psychiatric and other heritable risk factors. *Alcoholism: Clinical and Experimental Research*, suppl. **26**(5), 43A. (abstract). *Poster presentation Research Society for Alcoholism meeting, San Francisco, CA. \*Finalist Enoch Gordis Research Recognition Award.*
17. **Knopik, V.S.**, Madden, P.A.F., Bucholz, K.K., and Heath, A.C. (2002). Genetics of ADHD: Controlling for parental alcohol dependence and maternal smoking and drinking during pregnancy. *Behavior Genetics*, **32**(6), 473. (abstract). *Oral presentation Behavioral Genetics Association meeting, Keystone, CO.*
18. 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. (2003). The genetic epidemiology of alcohol-induced blackouts. *Alcoholism: Clinical and Experimental Research*, suppl. **27**(5), 80A. (abstract). *Poster presentation Research Society for Alcoholism meeting, Ft. Lauderdale, FL.*



19. Heath, A.C., Bucholz, K.K., Nelson, E.C., Madden, P.A.F., **Knopik, V.S.**, and Martin, N.G. (2003). Gene-environment interaction effects in alcoholism etiology. Alcoholism: Clinical and Experimental Research, suppl. **27**(5), 173A. (abstract). *Oral presentation Research Society for Alcoholism meeting, Ft. Lauderdale, FL.*
20. **Knopik, V.S.**, Bucholz, K.K., Madden, P.A.F., and Heath, A.C. (2003). Contributions of parental alcoholism, maternal drinking and smoking during pregnancy, genetic transmission, and genotype by environment interaction effects to child ADHD. Alcoholism: Clinical and Experimental Research, suppl. **27**(5), 121A. (abstract). *Poster presentation Research Society for Alcoholism meeting, Ft. Lauderdale, FL. . \*Finalist Enoch Gordis Research Recognition Award.*
21. **Knopik, V.S.**, Todd, R.D., and Heath, A.C. (2003). Covariation among ADHD, CD, and ODD: Effects of maternal substance use during pregnancy. Behavior Genetics, **33**(6), 708. (abstract). *Oral presentation Behavioral Genetics Association meeting, Chicago, IL.*
22. **Knopik, V.S.** (2003). Using mothers with both ‘clean’ and ‘dirty’ pregnancies to investigate associations between maternal smoking during pregnancy and offspring externalizing disorders. Behavior Genetics, **33**(6), 708. (abstract). *Poster presentation Behavioral Genetics Association meeting, Chicago, IL.*
23. **Knopik, V.S.**, Madden, P.A.F., Bucholz, K.K., and Heath, A.C. (2005). Contributions of parental alcoholism, maternal drinking and smoking during pregnancy, and genetic transmission to child conduct disorder symptoms. Alcoholism: Clinical and Experimental Research, **29**(5), 39A. (abstract). *Poster presentation Research Society for Alcoholism meeting, Santa Barbara, CA.*
24. **Knopik, V.S.**, Todd, R.D., Madden, P.A.F., Bucholz, K.K., and Heath, A.C. (2005). Alcoholism and externalizing disorders: Comorbidity mediated via intrauterine exposure. Behavior Genetics, **35**(6), 809. (abstract). *Oral presentation Behavior Genetics Association meeting, Hollywood, CA.*
25. **Knopik, V.S.**, Waldron, M., Heath, A.C., Jacob, T., Slutske, W., Bucholz, K.K., Madden, P.A.F., Martin, N.G. (2006). Maternal alcoholism, smoking during pregnancy, and child externalizing behavior: Disentangling genetic and environmental effects via a children-of-twins design. Nicotine and Tobacco Research. (abstract). *Poster presentation Society for Research on Nicotine and Tobacco meeting, Orlando, FL. 2006.*
26. Jacob, T., Haber, R., Howell, D., Bucholz, K., Waterman, B., **Knopik, V.S.**, Heath, A.C. (2006). Offspring of alcoholic parents: Risk for ADHD. Alcoholism: Clinical and Experimental Research, **30**(6), 163A. (abstract). *Presentation Research Society for Alcoholism meeting, Baltimore, MD. 2006.*
27. **Knopik, V.S.**, Waldron, M., Heath, A.C., Jacob, T., Slutske, W., Bucholz, K.K., Madden, P.A.F., Martin, N.G. (2006). Maternal alcoholism, prenatal exposure, and child externalizing: A children-of-twins approach for disentangling genetic and environmental effects. Alcoholism: Clinical and Experimental Research, **30**(6), 163A. (abstract). *Presentation Research Society for Alcoholism meeting, Baltimore, MD. 2006.*
28. Volk, H.E., Fu, Q.J., Scherrer, J., **Knopik, V.S.**, Todd, R.D., Jacob, T., True, W. (2006) Adolescent Disruptive Disorders and Alcohol and Nicotine Misuse: Do Genetic Influences Matter? (abstract). *Presentation 2006 Guze Symposium, St. Louis, MO. 2006.*
29. Slutske, W.S., **Knopik, V.S.**, Jacob, T., Lynskey, M.T., Glowinski, A. (2007). MARC Project 4: Australian children of alcoholic female twins. (abstract). *Presentation 2007 Guze Symposium, St. Louis, MO 2007.*
30. **Knopik, V.S.**, Bucholz, K.K., Madden, P.A.F., Heath, A.C. (2007). Child conduct problems: Contributions of parental alcoholism, maternal drinking and smoking during pregnancy. *Presentation at Public Health Research Day, Brown University Program in Public Health, April 2007.*

31. **Knopik, V.S.**, Swenson, LP, Heath, AC, Madden, PAF, Bucholz, KK, Jacob T, Slutske W, and Martin, NG. (2007). Smoking during pregnancy: Using genetically informed samples to disentangle effects. *Behavior Genetics* **37**:767 (abstract). *Oral presentation Behavior Genetics Association meeting, The Netherlands. 2007. Symposium presenter and chair. NIDA Genetics Workshop Sponsorship award (see Postgraduate honors and awards).*
32. **Knopik, V.S.**, Todd, R.D., Madden, P.A.F., Bucholz, K.K., and Heath, A.C. (2008). Covariation among externalizing and alcohol problems in adolescence: Genetic and environmental effects. *Oral presentation Pharmacology, Biochemistry, and Behavior conference, Morzine, France, January 2008.*
33. **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. *Presentation at 2009 Research Society for Alcoholism Meeting, San Diego, CA*
34. **Knopik, V.S.**, Swenson, L., Goldman, J., Madden, P.A.F., Bucholz, K.K., Heath, A.C. (2009) Conduct disorder and oppositional defiant disorder: an examination of overlap vs specificity. *Presentation at 2009 Behavioral Genetics Association Meeting, Minneapolis, MN*
35. \*Hayes, J.E., **Knopik, V.S.**, and Duffy, V.B. (2009). Functional differences in bitterness unrelated to propylthiouracil. *Oral presentation at Pangborn Sensory Science Symposium. Florence, Italy. 26 – 30 July 2009.*
36. \*Hunter, N., **Knopik, V.S.**, Hunt, J. (2009). Initial results: What do researchers think psychiatrists need to know about genetics? *Presentation at the American Academy of Child and Adolescent Psychiatry meeting, Hawaii, 2009.*
37. McGeary, J.E., Metrik, J., **Knopik, V.S.**, Kahler, C.W., Monti, P, Rohsenow, D. (2010) Cannabinoid Receptor Gene (CNR1) Polymorphism and Marijuana's Pharmacologic Effects on Negative and Positive Affect. *Presentation at College on Problems of Drug Dependence, 2010.*
38. McGeary, J.E., **Knopik, V.S.**, Hayes, J.E., Kalman, D. (2010) Predictors of Relapse in a Bupropion Trial for Smoking Cessation in Alcoholics. *Poster presentation Society for Research on Nicotine and Tobacco meeting, 2010.*
39. **Knopik, V.S.**, \*Nugent, N., McGeary, J.E., \*Francazio, S., Heath, A.C. (2010). Smoking during pregnancy, maternal xenobiotic metabolism genes, and child externalizing behavior: A case-crossover design. *Presentation at 2010 Behavioral Genetics Association Meeting, Seoul, Korea*
40. McGeary, J.E., Cohen, A., **Knopik, V.S.**, Beevers, C.G., Schnyer, D., Gonzalez-Lima, F. (2010). TPH2 variation associated with diffusion tensor imaging measurements of the dorsal raphe nucleus. *Poster presented at the annual meeting of the Behavior Genetics Association, Seoul Korea.*
41. \*Nugent, N., Amstadter, A., Yang, B., **Knopik, V.S.**, Saxw, G., Smoller, J., Koenan, K. (2010). Gene-environment interactions in response to trauma: HTR1a, parent posttraumatic stress symptoms, and trajectories of posttraumatic stress symptoms in pediatric injury patients. *Paper presented at the annual meeting of the Behavior Genetics Association, Seoul Korea.*
42. Mcgeary, J. McGeary, J.E., Gurel, V., **Knopik, V.S.**, Spaulding, J., McMichael, J. (2010). Effects of Nerve Growth Factor (NGF), Fluoxetine and Amitriptyline on Gene Expression Profiles in Rat Brain. *Presentation at 2010 World Congress on Psychiatric Genetics meeting, Athens, Greece*
43. **Knopik, V.S.**, \*Nugent, N., McGeary, J.E., \*Francazio, S., Heath, A.C. (2010). Smoking during pregnancy, maternal GSTT1, and child ADHD: A case-crossover design. *Presentation at 2010 World Congress on Psychiatric Genetics meeting, Athens, Greece*

44. **Knopik, V.S.**, McGeary, J.E., \*Nugent, N., \*Francazio, S., Heath, A.C. (2011). Child ADHD: Maternal xenobiotic metabolism genes and smoking during pregnancy  
*Presentation submitted to 2011 Society for Research on Child Development meeting, Montreal, Quebec*
45. McGeary, J.E., **Knopik, V.S.**, Rohsenow, D.J., Howland, J., Hunt, S.K. (2010) Genetic variation associates with hangover the morning after drinking to intoxication: analyses of alcohol dehydrogenase polymorphisms. *Alcoholism Clinical and Experimental Research*, 34, 8, S182 pg 61A. *Presentation at 2010 ISBRA, Paris, France*
46. **Knopik, V.S.**, McGeary, J., \*Nugent, N.R., \*Francasio, S., Heath, A.C. (2011, June). *Child ADHD: Maternal xenobiotic metabolism genes and smoking during pregnancy.* Paper presented at the Behavior Genetics Association in Newport, RI.
47. **Knopik, V.**, Metrik, J., \*Bidwell, L.C., & McGeary, J. (June, 2011) *Variation in the Cannabinoid Receptor Gene (CNRI) and Marijuana Use: Preliminary data from an experimental study.* Poster presented at the annual meeting of the Behavior Genetics Association, Newport, Rhode Island.
48. \*Bidwell, L.C., Metrik, J., McGeary, J., & **Knopik, V.** (June, 2011) *Genetic variation and impulsivity: the association between cannabinoid receptor 1 gene (CNRI) and components of impulsivity in young adult marijuana users.* Poster presented at the annual meeting of the Behavior Genetics Association, Newport, Rhode Island.
49. \*Bidwell, L. C., Garret, M., McClernon, F. J., Fuemmeler, B. F., Williams, R., Ashley-Koch, A., Kollins, S. H., & **Knopik, V.S.** (October, 2011). *Genotype, ADHD symptoms, and risk for smoking in a sample of young adults.* Paper presented at the annual Rhode Island Hospital Research Day, Providence, Rhode Island.
50. \*Flessner, C. A., McGeary, J., and **Knopik, V.** (June, 2011). Hair pulling disorder (trichotillomania): Genes, neurobiology, and a model for understanding impulsivity and compulsivity. Poster presented at the Behavior Genetics Association Annual Conference in Newport, RI.
51. \*Nugent, N.R., Lally, M., **Knopik, V.**, Brown, L., McGeary, J. (2011, June). *OPRM1 and diagnosis-related posttraumatic stress disorder in binge-drinking patients living with HIV.* Paper presented at the Behavior Genetics Association in Newport, RI.
52. \*Nugent, N.R., Lally, M., Brown, L., **Knopik, V.**, Frater, S., McGeary, J. (2011, June). Serotonin transporter gene and distress intolerance in binge drinkers living with HIV. Poster presented at the Behavior Genetics Association meeting at Newport, RI.
53. \*Bidwell, L.C., \*Palmer, R.H.C., Heath, A.C., Madden, P.A.F., Bucholz, K., McGeary, J., & **Knopik, V.S.** (June, 2012). *Common and specific genetic effects on ADHD and Initial Sensitivity to Cigarettes in Female Adolescent Twins.* Poster accepted for presentation at the annual meeting of the Behavior Genetics Association, Edinburgh, Scotland.
54. \*Bidwell, L.C., \*Palmer, R.H.C., Heath, A.C., Madden, P.A.F., Bucholz, K., McGeary, J., Kollins, S.H., **Knopik, V.S.** (June, 2012). *ADHD, Conduct Disorder, and Initial Physiological Reactions to cigarettes and alcohol in female adolescents: Evidence for the link between ADHD and risk for tobacco use.* Poster accepted for presentation at the annual meeting of the College on Problems of Drug Dependence, Palm Springs, California.
55. **Knopik, VS.**, \*Maccani, M, McGeary JE. (June, 2012). *Epigenetics of maternal cigarette smoking during pregnancy and child neurobehavioral outcomes.* Oral presentation for the annual meeting of the College on Problems of Drug Dependence, Palm Springs, California.

56. **Knopik, V.S.**, \*Maccani, M., McGeary J.E. (June, 2012). *Epigenetics of maternal cigarette smoking during pregnancy and child neurobehavioral outcomes*. Oral presentation for the annual meeting of the Behavioral Genetics Association meeting, Edinburgh, Scotland.
57. \*Maccani, M.A., Padbury, J.F., Lester, B.M., **Knopik, V.S.**, McGeary, J.E., and Marsit, C.J. Methylation of 11-Beta hydroxysteroid dehydrogenase 2 in the human placenta is associated with newborn neurobehavioral outcomes. 15th Annual Research Symposium on Mental Health Sciences. Department of Psychiatry and Human Behavior and Brown Institute for Brain Science, Brown University, Providence, RI. 28 March 2012.
58. \*Maccani, M.A., Padbury, J.F., **Knopik, V.S.**, and Marsit, C.J. *Exposure & fetal growth dysregulates placental miRNA*. Children's Environmental Health Network (CEHN) Conference on the Contribution of Epigenetics in Pediatric Environmental Health, San Francisco, CA. 30 May-1 June 2012.
59. \*Maccani, M.A., Dechen, T., Ryu, J., **Knopik, V.S.**, McGeary, J.E. and Crane-Godreau, M.A. *Spon2 expression in cigarette smoke-exposed and vitamin D-deficient mice*. The College on Problems of Drug Dependence (CPDD) 74th Annual Scientific Meeting, Palm Springs, CA. 9-14 June 2012.
60. \*Maccani, M.A., Padbury, J.F., Lester, B.M., **Knopik, V.S.**, McGeary, J.E., and Marsit, C.J. *Methylation of 11-Beta hydroxysteroid dehydrogenase 2 in the human placenta is associated with newborn neurobehavioral outcomes*. Behavior Genetics Association (BGA) 42nd Annual Meeting, Edinburgh, Scotland, UK. 22-25 June 2012.
61. \*Palmer, R.H.C., \*Bidwell, L.C., Heath, A.C., Madden, P.A.F., Bucholz, K., McGeary, J., **Knopik, V.S.** (June, 2012). *The Role of Conduct Disorder in Explaining the Common Genetic Influences on Initial Sensitivity to Alcohol and Tobacco*. Poster accepted for presentation at the annual meeting of the Behavior Genetics Association, Edinburgh, Scotland.
62. \*Bidwell, L.C., McGeary, J.E., **Knopik, V.S.**, & MacKillop, J. (August, 2013). *Smoking Motives as Novel Intermediate Phenotypes of Nicotine Dependence*. In J. Buckman & J. MacKillop, (Chairs) *Novel Strategies for Understanding Genetic Contributions to Addiction*. Invited presentation sponsored by APA Division 50 to be given at the 2013 annual meeting of the American Psychological Association (APA). Honolulu, Hawaii.
63. Gibb, B., Stone, L., Hanley, A., Burkhouse, K., Woody, M., Choi, J., Van Wie, M., **Knopik, V.**, & McGeary, J. (2013, April). *A Gene x Environment Model of Risk for Attentional Biases in Children of Depressed Mothers*. Poster presented at the SRCD Biennial Meeting, Seattle, Washington.
64. Gibb, B., Hanley, A., Choi, J., Burkhouse, K., Woody, M., Van Wie, M., McGeary, J., & **Knopik, V.** (2013, April). *Nonsuicidal Self-Injury in Children of Depressed Mothers: Moderation by CRHR1 TAT Haplotype*. Poster presented at the SRCD Biennial Meeting, Seattle, Washington.
65. \*Palmer, R.H.C., Keller, M.R., Heath, A.C., McGeary, J.E., **Knopik, V.S.** *Estimation of the genetic covariance among DSM-IV symptoms of alcohol dependence*. Poster presented at BGA 2013 Marseilles, France
66. \*Palmer, R.H.C., \*Bidwell, L. C., \*Nugent, N.R., Bucholz, K.K., Madden, P.A., Heath, A.C., **Knopik, V.S.** (June, 2013). *Initial subjective response to alcohol: relationships to comorbid psychopathology and effects on future alcohol use and dependence*. Paper presented at the annual meeting of the Research Society on Alcoholism, Orlando, FL.
67. **Knopik, V.S.**, \*Smith, T.F., and \*Palmer, R.H.C. (June, 2013). *Genes, maternal smoking during pregnancy and child internalizing problems: An investigation using*

- ALSPAC*. Oral presentation presented at Behavioral Genetics Association, 2013  
Marseilles, France
68. \*Smith, T.F., \*Palmer, R.H.C., **Knopik, V.S.**, Anastopoulos, A.D., Garrett, M.E., Ashley-Koch, A., & the IMAGE Consortium (July, 2013). *Angiogenic, neurotrophic and inflammatory system SNPs moderate the association between birth weight and ADHD*. Oral presentation Behavioral Genetics Association meeting, Marseille, France.
  69. \*Bidwell, L.C., McGeary, J.E., **Knopik, V.S.**, & MacKillop, J. (October, 2013). *The dopaminergic pathway and smoking motives as novel intermediate phenotypes of nicotine dependence in African Americans*. Oral presentation at the annual meeting of the World Congress of Psychiatric Genetics, Boston, MA.
  70. \*Palmer, R.H.C., Keller, M., Heath, A.C., McGeary, J., **Knopik, V.S.** (October, 2013). *Estimation of Genetic Covariance Among DSM-IV Symptoms of Alcohol Dependence*. Oral presentation at the annual meeting of the World Congress of Psychiatric Genetics, Boston, MA.
  71. Kahler, C.W., Metrik, J., Spillane, N.S., Day, A., Leventhal, A.M., McKee, S.A., Tidey, J.W., McGeary, J.E., & Knopik, V.S., & Rohsenow, D.J. (2014, February). *Acute effects of low and high dose alcohol on smoking lapse behavior in a laboratory analogue task*. Paper presented at the 20th annual meeting of the Society for Research on Nicotine and Tobacco, Seattle, WA.
  72. Sharkey, KM, **Knopik VS**, McGeary, JE, Barker, D, Van Reen, E, Roane, BM, Gredvig-Ardito, C, Raffray, T, and Carskadon, MA. (2014, May-June). *Glycogen synthase kinase 3-beta genotype is associated with sleep duration in college students*. Presented at 28<sup>th</sup> annual meeting of the APSS in Minneapolis, MN.
  73. Carskadon, MA, Sharkey, KM, Barker, DH, Roane, BM, Van Reen, E, **Knopik, VS**, McGeary, JE. (2014, May-June). *PER3 VNTR: Sleep patterns and depressed mood in college students*. Presented at 28<sup>th</sup> annual meeting of the APSS in Minneapolis, MN.
  74. Carskadon, MA, McGeary, JE, Jacobs, D, Fu, A, Sharkey, KM, **Knopik, VS**, Zhu, Y. (2014, May-June). *DNA methylation associated with sleep duration: Preliminary results*. Presented at 28<sup>th</sup> annual meeting of the APSS in Minneapolis, MN.
  75. \*Maccani, MA, Maccani, JZJ, **Knopik, VS**, Marsit, CJ (2014, April). *Maternal Nail Polish Use During Pregnancy is Associated with Differential Placental miRNA Expression*. Presented at 2014 Keystone Symposia Conference on Epigenetic Programming and Inheritance, Boston MA
  76. \*Razenhofer, L., \*Smith, T.F., Jelalian, E., **Knopik, V.S.** (2014, March). *Elucidating shared biological pathways for ADHD and obesity using pathway analysis*. Poster presented at the DPHB/BIBS research day, Brown University. Best poster award.
  77. \*Marceau, K., **Knopik, V.S.**, Reiss, D., Shaw, D., Natsuaki, M.N., Fisher, P., Leve, L.D., Neiderhiser, J.M. (2014, June). *Drug and tobacco use during pregnancy transmit genetic influences on developmental risk for substance use*. Paper presented in an Oral Communication Session at the annual meeting for the College for Problems of Drug Dependence, San Juan, Puerto Rico.
  78. \*Palmer, R., Brick, L., \*Nugent, N., \*Bidwell, C., McGeary, J., **Knopik, V.S.**, Keller, M. (2014, June). *Common Genetic Variants Have Generalized Influences on Substance Dependence*. Paper to be presented at the Behavior Genetics Association meeting in Charlottesville, VA.
  79. Bidwell, LC, McGeary, J, Gray, J, \*Palmer, R, **Knopik, VS**, MacKillop, J.. *NCAM1-TTC12-ANKK1-DRD2 polymorphisms and smoking motives as intermediate phenotypes for nicotine dependence*. Paper to be presented at the Behavior Genetics Association meeting in Charlottesville, VA.

80. \*Smith, T.F., \*Razenhofer, L., Jelalian, E., **Knopik, V.S.** (2014, June). *Elucidating shared biological pathways for ADHD and obesity using pathway analysis*. Paper to be presented at the Behavior Genetics Association meeting in Charlottesville, VA.
81. Owens, M., Harrison, A.J., Burkhouse, K.L., McGeary, J.E., **Knopik, V.S.**, \*Palmer, R.H.C., & Gibb, B.E. (2014, September). *Eye-tracking indices of attentional bias in children of depressed mothers: Polygenic influences help to clarify previous mixed findings*. In B.E. Gibb (Chair) Biomarkers of risk in children of depressed mothers. Symposium to be conducted at the annual meeting of the Society for Psychophysiological Research, Atlanta, GA.
82. Gibb, B.E., Owens, M., **Knopik, V.S.**, & McGeary, J.E. (2014, November). *Children's genotype moderates the impact of maternal depression on trajectories of children's attentional biases: An eye-tracking study*. In R.P. Auerbach & J.M. Chango (Chairs) Neural and genetic mechanisms underlying adolescent psychopathology. Symposium at the annual meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
83. Armev, MF, Nugent, NR, **Knopik, VS**, McGeary, JE, Scholfield, CA, Well, TT, Nock, MK, Price, LH, Miller, IW (2014, November). *Two novel technology-driven approaches to the assessment of suicide risk: The US-TREAT and BEST studies*. Presented at annual meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
84. **Knopik, V.S.**, \*Marceau, K., \*Palmer, R.H.C., \*Smith, T.F., and Heath. A.C. (2015, March) *Maternal smoking during pregnancy via birth record report: Is it accurate? Can we do better?* Presented as part of a symposium at the bi-annual meeting of the Society for Research on Child Development, Philadelphia, PA.
85. **Knopik, V.S.**, \*Marceau, K., \*Bidwell, L.C. \*Palmer, R.H.C., Todorov, A., Evan, A.S. and Heath. A.C. (2015, June) *Smoking during pregnancy and ADHD risk: A genetically-informed, multiple-rater approach*. Presented at the annual meeting of the Behavior Genetics Association, San Diego, CA.
86. \*Marceau, K., \*Palmer, R.H.C., Neiderhiser, J., \*Smith, T.F., **Knopik, V.S.** (2015, June) *Smoking during pregnancy, the drug metabolizing pathway, and child birthweight: An investigation of passive gene-environment correlation using a nationally representative birth cohort*. Presented at the annual meeting of the Behavior Genetics Association, San Diego, CA.
87. \*Palmer RHC, McGeary JE, Heath AC, Keller MC, **Knopik VS.** (2015, June). *Validating the assumption of genetic homogeneity across DSM-IV indicators of alcohol dependence*. Presented at the annual meeting of the Behavior Genetics Association, San Diego, CA.
88. \*Bidwell, LC, \*Palmer, RHC, \*Brick, L., Heath, AC., **Knopik, VS.** (2015, June). *A propensity scoring approach to characterizing the effects of maternal smoking during pregnancy on initial responses to tobacco and alcohol in adolescents*. Poster presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX.
89. \*Palmer RHC, Keller MC, Heath AC, McGeary JE, **Knopik VS.** (2015, June). *Genetic influences on DSM-IV indicators of alcohol dependence: Evidence for a common genetic liability*. Presented at the annual meeting of the Research Society on Alcoholism 2015. San Antonio, Texas, USA
90. Kudinova, A.Y., Deak, T., Hueston, C.,T., McGeary, J., **Knopik, V.**, \*Palmer, R., and Gibb, B. E. (2015, October). *IL-33 and risk for recurrent MDD: Evidence from peripheral cytokine levels and genetic association*. Poster accepted to be presented at the annual meeting of the Society for Research in Psychopathology (SRP), New Orleans, LA
91. \*Palmer RHC, McGeary JE, **Knopik VS**, Metrik JM. (October, 2015). *CNRI and FAAH Variation and Affective States Induced by Marijuana Smoking*. Presented at the World Congress of Psychiatric Genetics Meeting, Toronto, Canada 2015.

92. \*Bidwell, L.C., \*Palmer, R.H.C., \*Brick, L., McGeary, J., **Knopik, V.S.** (October, 2015). *Genome-Wide SNP Heritability of Multiple Indices of Nicotine Dependence*. In DeLuca (Chair), Symposium on Genome-wide Approaches to Substance Use. Paper presentation at the annual meeting of the World Congress on Psychiatric Genetics, Toronto, CA.
93. **Knopik, V.S.**, McGeary, J.E., \*Marceau, K., \*Palmer, R.H.C., Heath, A.C. (2015, July). *Maternal smoking during pregnancy and offspring methylation: preliminary data from a case-crossover design*. Invited symposium presentation at Thirty-Ninth Annual Meeting of the Neurobehavioral Teratology Society (<http://www.nbts.org/>) held in conjunction with the the 14<sup>th</sup> Biennial Meeting of the International Neurotoxicology Association (<http://www.neurotoxicology.org/>)
94. Metrik, J, Aston, E., Kahler, CW, Rohsenow, D, McGeary, J., **Knopik, VS**, MacKillop, V. (2105, June). *Multidimensional assesment of cue-elicited increases in incentive salience for marijuana*. Presented at annual College of Problems on Drug Dependence conference.
95. \*Brick LA, \*Palmer RHC, **Knopik VS**, Keller MC. (2016, March) *Investigating shared additive genetic variation for alcohol dependence*. Poster presented at the annual Mind Brain Research Day at Brown University, March 30, 2016, Providence, RI. 2nd place winner in best postdoctoral research category.
96. \*Brick LA, \*Palmer RHC, **Knopik VS**, Keller MC. (2016, June) *Investigating shared additive genetic variation for alcohol dependence*. Poster to be presented at the annual meeting of the Research Society on Alcoholism, June 25-29, 2016, New Orleans, LA.
97. **Knopik, V.S.**, \*Marceau, K., \*Bidwell, L.C., Karoly, H.C., Evans, A., Todorov, A., \*Palmer, R.H.C., Heath, A.C. (2016, June). *Within family effects of smoking during pregnancy on ADHD: the importance of phenotype*. To be presented at the annual meeting of the Behavior Genetics Association, Brisbane, Australia, June 18-23, 2016.
98. \*Palmer, R.H.C., \*Bidwell, L.C., Heath A.C., Brick, L. Madden, P.A.F., & **Knopik, V.S.** (2016, June). *Maternal smoking during pregnancy and offspring externalizing problems: A propensity score approach*. To be presented at the annual meeting of the Behavior Genetics Association, Brisbane, Australia, June 18-23, 2016.
99. **Knopik, V.S.**, \*Bidwell, L.C., \*Palmer, R.H.C., Brick, L., Heath, A.C., Madden, P.A.F. (2016, June). *A propensity scoring approach to characterizing the effects of maternal smoking during pregnancy on offspring's initial responses to cigarettes and alcohol*. To be presented at the annual meeting of the Behavior Genetics Association, Brisbane, Australia, June 18-23, 2016.
100. \*Palmer RHC, \*Brick LA, Agrawal A, Keller MC, Heath AC, McGeary JE, Beirut LJ, **Knopik VS**. (2016, June). *Multivariate genetic architecture of DSM-5 alcohol use disorder*. To be presented at the annual meeting of the Research Society on Alcoholism, 2016, New Orleans, USA.
101. \*Palmer RHC, \*Brick LA, McGeary JE, **Knopik VS**. (2016, June). *Estimation and characterization of the SNP-heritability of alcohol dependence in subjects of European and African ancestry*. To be presented at the annual meeting of the Behavior Genetics Association, 2016. Brisbane, Australia.

### INVITED PRESENTATIONS

1. Fifth Guze Symposium on Alcoholism: Alcoholism and Comorbidity  
Washington University School of Medicine, St. Louis, MO  
February 17, 2005; National symposium.

2. Twin and Family Modeling using Mx.  
University of Helsinki, Finland  
November 14-18, 2005; Instructor of week-long course.
3. Center for Primary Care and Prevention  
Brown University, Providence, RI  
Multi-Method and Translational Research Seminar Series  
January 25, 2006
4. Assessment Issues in Genetic Research  
Center for Alcohol and Addiction Studies  
Brown University, Providence RI  
Postdoctoral seminar  
January 27, 2006 and September 21, 2008
5. Co-Chair, “In Utero Exposure to Nicotine: Effects and Reduction”  
Society for Research on Nicotine and Tobacco annual meeting  
Orlando, FL  
February 16, 2006
6. Behavioral Genetics: Mini-course  
Center for Alcohol and Addiction Studies  
Brown University, Providence, RI  
Postdoctoral seminars  
April 28 and May 14, 2006  
December 7 and 14, 2007
7. Gene x Environment Interaction  
Program in Public Health  
Brown University, Providence, RI  
Undergraduate and graduate course  
April 27, 2007
8. Covariation among externalizing and alcohol problems in adolescence: Genetic and environmental effects.  
Pharmacology, Biochemistry, and Behavior conference  
Morzine, France  
January 2008
9. Mind Research Network  
Seminar Series  
Albuquerque, NM  
August 2008
10. Responsible Drinking: What is it and who is responsible?  
DIONYSUS  
Florida International University  
February 2009
11. Genes + Environment = Behavior: An Examination of ADHD  
2009 Research Day  
Department of Psychiatry and Human Behavior  
Brown University  
March 26, 2009
12. Quasi-experimental studies of early risk factors for psychopathology  
Society for Research in Child Development (SRCD)  
2009 Biennial Meeting  
Denver, CO  
April 2, 2009
13. Psychiatry Research Seminar



- Department of Psychiatry  
Washington University School of Medicine  
November 11, 2010
14. Pennsylvania State University  
Child Study Center Speaker Series  
April 25, 2013
  15. Grand Rounds  
Department of Psychiatry  
University of Kentucky  
May 22, 2013
  16. Best Practices for Your Career Success in Medicine and Science  
Brown University  
Office of Women in Medicine and Science and Office of Continuing Medical Education  
June 13, 2013
  17. MGH Psychiatric Genetics and Translational Research Seminar  
November 19, 2013
  18. Grand Rounds  
Department of Psychiatry and Human Behavior  
Brown University  
January 8, 2014
  19. Invited external expert/opponent for PhD defense  
Karolinska Institute  
Stockholm, Sweden  
February 28, 2014
  20. Invited speaker  
Thirty-Ninth Annual Meeting of the Neurobehavioral Teratology Society held in conjunction with the Fifty-Fifth Annual Meeting of the Teratology Society (<http://www.nbts.org/>) and the 14<sup>th</sup> Biennial Meeting of the International Neurotoxicology Association (<http://www.neurotoxicology.org/>)  
Joint meeting on epigenetic mechanisms in neurobehavioral functioning  
June 27-July 1, 2015
  21. Invited speaker  
Boston University Developmental Science Colloquium Speaker Series  
March 30, 2016

**GRANTS (Active) – consultant roles not listed**

1. Co-investigator  
Center for Biomedical Research Excellence (COBRE) in Computational Biology of Human Disease  
P20 GM109035-01A1 (Rand)  
Start Date: 06/01/2016 – 02/28/2021  
Total costs (2016): \$2,436,336
2. Co-Investigator  
Title: Biomarkers, social, and affective predictors of suicidal thoughts and behaviors in adolescents  
R01 MH105379-01 (Nugent)  
Start Date: 03/01/2015; End Date: 02/28/2020  
Total costs: \$3,230,458

3. Co-investigator/PI of RIH subcontract  
Title: Multi-Method Assessment of Emotion Reactivity: Translational Research in Suicide  
R01 MH095786-01A1 (PIs: Armev/Miller)  
Start Date: 07/17/2012; End Date: 02/28/2017  
Total Costs: \$2,323,141
4. Co-investigator  
Title: Influences on Dual Processing Modes of Decision-Making Across the Lifespan  
R01 DA032457 (PI: Maddox)  
Start Date: 04/01/2012; End Date: 01/31/2017  
Total Costs: \$2,658,793
5. Co-Investigator  
Title: Children's attentional biases: A key component of negative valence systems  
R01 MH09060-01 (PI: Gibb)  
Start Date: 09/18/2012; End Date: 06/30/2016  
Total costs: \$2,945,834
6. Co-Investigator  
Title: Providence-based Working Group in Precision Medicine to Identify the Genetic Determinants of Marijuana Sensitivity  
2014 Seed research award – Office of the Vice President for Research, Brown University  
(Co-Is, Will Fairbrother, Ben Raphael, Jane Metrik, and John McGeary)  
Start Date: 07/01/2014; End Date: 06/30/2016  
Total Costs: \$80,000

**GRANTS (Completed)**

**As Principal Investigator (PI):**

1. Principal Investigator  
Title: ADHD in children of mothers who smoked during pregnancy: Does the effect interact with paternal alcoholism?  
NIAAA, P50 AA11998 (Center PI: Heath)  
Pilot project (part of P50 Center grant)  
Start Date: 1/1/2004; End Date: 12/31/2008
2. Principal Investigator  
Title: Externalizing Behavior: Genetics x Prenatal Nicotine  
NIDA, K01 DA017671  
Start Date: 7/1/2004; End Date: 6/30/2009; No cost extension until 12/2009  
Total Costs: \$778,551
3. Co-Principal Investigator  
Title: Genetic variation and marijuana's pharmacologic and cue-elicited effects  
NIDA, R03 (Co-PIs: Metrik, Knopik)  
Start Date: 10/1/2009; End Date: 8/31/2011  
Total costs: \$485,375
4. Principal Investigator

Title: Prenatal Tobacco Exposure: Effects on Neuropsychological Outcomes and ADHD  
NIDA, R01 DA023134-01A2  
Start Date: 9/30/2008; End Date: 3/31/2014  
Total costs: \$2,805,505

As Co-Investigator (Co-I):

5. Co-Investigator  
Title: Marijuana Relapse: Influence of Tobacco Cessation and Varenicline  
1R01DA031005-01 (PI: Haney)  
Start Date: 09/30/2010; End Date: 6/30/2015  
Total Costs (year): \$498,587
6. Co-Investigator/ PI of RI Hospital Subcontract  
Title: Substance Use Prevention Program for Preadolescents with Psychiatric Disorders  
NIDA, R21 DA024207-01 (PI: Spirito)  
Start Date: 7/01/08; End Date: 6/30/10  
Total Costs: \$442,250
7. Co-Investigator/PI of RI Hospital Subcontract  
Title: Reversal Learning in Pediatric Bipolar Disorder – Recovery Act Administrative Supplement  
NIMH, K22 (PI: Dickstein)  
Start Date: 07/01/09; End Date: 06/30/10  
Total Costs: \$203,921
8. Co-Investigator  
Title: GxE in early childhood: Twin Mothers  
NICHD, R01 HD49024 (PI: Heath)  
Start Date: 1/1/2005; End Date: 12/31/2009  
Total costs: \$3,057,764
9. Co-Investigator/ PI of RI Hospital Subcontract  
Title: Mechanisms Linking Alcohol Use and Smoking Relapse Risk  
NIDA, R01 AA016978-01A1 (PI: Kahler)  
Start Date: 4/01/08; End Date: 3/31/12  
Total Costs: \$2,167,524
10. Co-Investigator/ PI of RI Hospital Subcontract  
Title: Effects of the Family Check-Up on Adolescents with Alcohol-Related Events and their Adolescent Siblings  
NIAAA, R01 AA-017659-01 (PI: Spirito)  
Start Date: 8/01/08; End Date: 7/31/13  
Total Costs: \$3,166,106
11. Co-Investigator/PI of RIH subcontract  
Title: Impact of Receptor Polymorphisms on Sensations from Common Oral Irritants  
R03 DC010904-01 (PI: Hayes)  
Total Costs: 463,250
12. Co-Investigator

Title: Prospective Study of Depressed Mood: Short Sleep and Serotonergic Genes  
NIMH, R01 MH079179-01A2 (PI: Carskadon)  
Start Date: 12/19/08; End Date: 11/30/13, NCE  
Total Costs: \$3,074,123

13. Co-Investigator

Title: Bio-Behavioral Markers of Bipolar Conversion  
NIMH, R01  
(PI: Dickstein)  
Start Date: 10/1/2009; End Date: 9/30/2014  
Total costs: \$1,850,000

14. Co-Investigator/PI of RI Hospital Subcontract

Title: Alcohol Use Disorder in Young Women: Genetic Epidemiology: MOAFTS Wave  
7  
NIAAA, R01 (PI: Heath)  
Start Date: 09/30/2009; End Date: 8/31/2014  
Total costs: \$3,333,612

As Mentor:

15. Primary Sponsor

Title: Psychogenetic Factors in Project REACH  
NIMH, K01 MH087240 (PI: Nugent)  
Start Date: 9/1/2009; End Date: 8/31/2014 (NCE: through 3/31/2015)  
Total Costs: \$728,251

16. Co-Mentor

Title: Postpartum Depression: Role of Sleep & Genetic Risk in Postpartum Mood  
Disorders  
K23 MH086689-01A1 (PI: Sharkey)  
Start Date: 12/1/2010; End Date: 11/30/2015

17. Co-mentor

Title: A Program of Research and Mentorship on Alcohol Use and Intimate Partner  
Violence  
K24 AA019707-01A1 (PI: Stuart)  
Start Date: 4/1/2011; End date: 3/31/2016  
Estimated total costs: 870,615

**GRANTS (Active, Mentoring role)**

18. Primary Sponsor

Title: Deconstructing the Smoking and ADHD Comorbidity: A Multilevel  
Genetic Approach  
NIDA, K23 DA033302 (PI: Bidwell)  
Start Date: 7/15/2012; End Date: 6/30/2017  
Total Costs: \$871,007

19. Primary Sponsor

Title: System Genetics of Alcoholism: Network-based Approaches for Genetic Association

NIAAA, K01 AA021113 (PI: Palmer)

Start Date: 8/20/2012; End Date: 7/31/2017

Total Costs: \$855,520

20. Primary Sponsor

Title: Bio-behavioral developmental origins of adolescent substance abuse

NIDA, K01 DA039288-01A1 (PI: Marceau)

Start Date: 3/1/2016; End Date: 2/28/2021

Total Costs: \$876,122

21. Co-mentor

Title: Gene x environment effects on PTSD

IK2 CX000525-01A1 (PI: Kimbrell)

Start Date: 1/1/2012; End date: 12/31/2017

Estimated total costs: \$952,651

### UNIVERSITY TEACHING ROLES

1997	Teaching Assistant, Behavioral Genetics, Dept of Psychology University of Colorado
1999	Teaching Assistant, Quantitative Genetics, Dept of Psychology University of Colorado
2003-2004	Instructor, Twin and Family Modeling using Mx, Washington University School of Medicine
2005	Instructor ( <i>invited</i> ), Twin and Family Modeling using Mx, University of Helsinki, Finland (November 14-18, 2005)
2005-pres	Training faculty, Center for Alcohol and Addiction Studies NIDA/NIAAA Postdoctoral Fellowship Program T32 Training Grants (both NIDA and NIAAA) Brown University
2006-pres	Instructor, Behavioral Genetics minicourse I-IV Center for Alcohol and Addiction Studies Brown University
2009-pres	Training faculty, Research Training Program in Child Mental Health T32 Training Grant (NIMH) Brown University
2011-pres	Child Psychiatry and Triple Board genetics minicourse Brown University
2012-pres	Training faculty Research Training Program in Cardiovascular Behavioral Medicine T32 Training Grant (NHLBI) Brown University
2015-pres	Adult Psychiatry special topics course in Genetics Brown University

**POSTDOCTORAL FELLOWS AND STUDENTS MENTORED****[please also see K award mentees under Grants (mentored) above]**

2006-2008	Lance Swenson (postdoctoral fellow)
Spring 2009	Jacqueline Goldman (Brown undergraduate student)
2009-2010	Richard Mulligan (postdoctoral fellow)
2009-pres	Natasha Hunter (Brown Medical Student – Physician as Communicator concentration) – co-mentoring with Jeffrey Hunt, MD
2010-2011	Chris Flessner (postdoctoral fellow)
2010-2012	Rohan Palmer (postdoctoral fellow)
2010-2012	Cinnamon Bidwell (postdoctoral fellow)
2010-2012	Sarah Francazio (Providence College student)
2011-2012	Jennifer Carrano (graduate student, Boston College – dissertation committee member; consultant on F31)
2011-2014	Matthew Maccani (postdoctoral fellow)
2012-2014	Taylor Smith (postdoctoral fellow)
2013-2014	Lisa Ranzenhofer (Clinical Psychology intern, research placement, now postdoctoral fellow)
2014-2015	Allie Rosen (Brown undergraduate student; Honors Thesis Advisor). Thesis title: “A Bayesian multinomial logistic regression analysis of the influence of genetic predisposition for risk-taking and perceived behavior of role models on Mexican-American adolescent alcohol use”
2013-2016	Kristine Marceau (postdoctoral fellow)
2015-pres	Leslie Brick (postdoctoral fellow)