

CURRICULUM VITAE
Valerie Suzanne Knopik, Ph.D.
June 25, 2025

Hanley Hall
1202 Mitch Daniels Boulevard, Rm 256
West Lafayette, IN 47907-2055
Ph: [765-494-0942](tel:765-494-0942)
FAX: [765-494-0503](tel:765-494-0503)
email: vknopik@purdue.edu

POSITIONS

Current Positions

- 2020 – present Department Head
 Human Development and Family Science
 Purdue University
- 2017-present Ben and Maxine Miller Endowed Professor
 Human Development and Family Science
 College of Health and Human Sciences
 Purdue University
- 2017 -present Adjunct Professor
 Dept of Psychology
 Emory University

Past Positions

- 2019 – 2020 Associate Department Head
 Human Development and Family Science
 Purdue University
- 2016-2017 Professor (Research)
 Dept of Psychiatry and Human Behavior
 Dept of Behavioral and Social Sciences
 Brown University, Providence, RI
- 2009-2017 Director, Division of Behavioral Genetics
 Department of Psychiatry
 Rhode Island Hospital, Providence, RI
- 2009-2017 Senior Research Scientist
 Rhode Island Hospital, Providence, RI
- 2010-2016 Associate Professor (Research)
 Dept of Psychiatry and Human Behavior
 Dept of Behavioral and Social Sciences

- Brown University, Providence, RI
- 2009-2010 Assistant Professor (Research)
 Dept of Psychiatry and Human Behavior
 Brown University, Providence, RI
- 2004-2010 Assistant Professor (Research)
 Dept of Community Health (Behavioral and Social Science Section)
 Brown University, Providence, RI
- 2002-2004 Research Instructor
 Dept of Psychiatry
 Washington University School of Medicine, St. Louis, MO
- 2000-2002 Postdoctoral Fellow
 Dept of Psychiatry
 Washington University School of Medicine, St Louis, MO
- 1999 Teaching Assistant, Quantitative Genetics
 Dept of Psychology
 Institute for Behavioral Genetics
 University of Colorado
- 1997 Teaching Assistant, Behavioral Genetics
 Dept of Psychology
 Institute for Behavioral Genetics
 University of Colorado
- 1995-2000 Research Assistant
 Colorado Learning Disabilities Research Center
 Institute for Behavioral Genetics
 University of Colorado

EDUCATION

- Undergraduate 1990-1994 B.A., Psychology
 B.A., Sociology
 Wesleyan College
 Macon, Georgia
 1990-1994, Dean's Scholarship
 1994, B.A. *summa cum laude*
- 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.
------------	-----------	---

ACADEMIC LEADERSHIP TRAINING & PROFESSIONAL DEVELOPMENT

2010-2011	Lifespan Executive Mentorship Program Lifespan Corporation/Rhode Island Hospital, Providence, RI
October 2020	Equity NOW! Unpacking Internal and Institutional Racism Purdue University, West Lafayette, IN
October 2020	Equity NOW! Skill-building for Racial Literacy Purdue University, West Lafayette, IN
April 2021	Speaking Up: How bystanders can change the conversation about social bias Purdue University, West Lafayette, IN
May 2021	Mediation Training (3-day training) Purdue University, West Lafayette, IN
2021-2022	Big 10 Academic Alliance Department Executive Officers Development Seminar Big 10 Academic Alliance National Program
February 2022	Mitigating Bias in Peer Review National Institutes of Health
January 2023	Peer Review Integrity National Institutes of Health
February 2024	Mentoring Across Differences Purdue University
2023-2024	Big 10 Academic Alliance Academic Leadership Program Big 10 Academic Alliance National Program
April 2024	Promoting Academic Inclusivity by Challenging Biases about Language Norms
November 2024	Center for the Improvement of Mentored Experiences in Research (CIMER) Research Mentor training

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
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 <i>Justice Quarterly</i> (volume 30: p. 529-559)
2017	Fulker Award, Behavioral Genetics Association
2017-pres	Ben and Maxine Miller Endowed Professor of Human Development and Family Science
2024	Leadership in Action award, Bulkeley Butler Center for Leadership Excellence, Purdue University
2025	Elected Fellow, Association for Psychological Science

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 Research on Adolescence</i>
	<i>Journal of Studies on Alcohol</i>
	<i>Learning and Individual Differences</i>
	<i>Nicotine and Tobacco Research</i>
	<i>Neurotoxicology and Teratology</i>
	<i>Personality and Individual Differences</i>
	<i>Physiology and Behavior</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>Psychology of Addictive Behaviors</i>
	<i>Public Health Reports</i>
	<i>Scientific Studies of Reading</i>
	<i>Twin Research and Human Genetics</i>
2005-2006	Reviewer for abstracts
	Society for Research on Nicotine and Tobacco
	Annual meetings 2006, 2007
2009-2025	Associate Editor, <i>Behavior Genetics</i>
2010-2019	Editorial Board, <i>Frontiers in Child and Neurodevelopmental Psychiatry</i>
2010-2016	Chief Editor, Specialty Field, <i>Frontiers in Behavioral and Psychiatric Genetics</i>
2013-2016	Secretary (elected by international society membership), Behavior Genetics Association (3-year term)
2014-pres	Editorial Board, <i>Psychological Medicine</i>
2015-2016	PhenX Expert Review Panel: Alcohol, Tobacco, and Other Substances domain (PhenX Toolkit (https://www.phenxtoolkit.org/) funded by National Human Genome Research Institute (NHGRI))
2016-pres	Director of Research, Yoga Medicine (www.yogamedicine.com)
2018-2019	Diversity, Inclusion, and Equity committee (elected by international society membership)
	Behavior Genetics Association
2020-2023	Consulting Editor, <i>Child Development</i>
2022	Chair, External review of HDFS department at University of Illinois, Urbana-Champaign
2022-2023	President-Elect (elected by international society membership)
	Behavior Genetics Association
2023-2024	President (elected by international society membership)
	Behavior Genetics Association
2024-2025	Past-President (elected by international society membership)
	Behavior Genetics Association
2025-	Editor-in-Chief, <i>Behavior Genetics</i>

Scientific Grant Review:

2005	Invited reviewer: Scientific Grant Review (2005) <i>The Wellcome Trust</i> , 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
2005	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
2006	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
2016	NIH Review Ranking Pilot Study – working with NIH to assess the assumption that highly meritorious applications are evenly distributed across study sections
2017	Invited reviewer: Scientific Grant Review (Dec 2017), NIH, ZRG1 BBBP-Y (02) M Biobehavioral Applications on Substance Use and Reward
2018	Invited ad hoc reviewer: Scientific Grant Review (June 2018), NIH, Child Psychopathology & Developmental Disabilities (CPDD) IRG
2019-2023	Member Scientific Grant Review (4-year term) NIH, Child Psychopathology & Developmental Disabilities (CPDD) IRG
2025	Invited reviewer: Scientific Grant Review (March 2025), NIH, Special Emphasis Panel MESH/CPDD

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
2008-2016	Research Excellence Awards Committee

	Center for Alcohol and Addiction Studies Brown University, Providence, RI
2009-2017	Postdoctoral Training Committee NIMH Child Mental Health Postdoctoral Fellowship Program Department of Psychiatry and Human Behavior Brown University, Providence, RI
2013-2017	Fulbright Committee Brown University, Providence, RI
2014-2017	Postdoctoral Training Committee NHLBI Cardiovascular Behavioral Medicine Postdoctoral Fellowship Program Center for Behavioral and Preventative Medicine Brown University, Providence, RI
2016-2017	Lifespan Research Information Technology Council Providence, RI
2017-2019	Graduate Committee Department of Human Development and Family Science Purdue University
2017, Fall	Chair, Faculty Search Committee Human Development and Family Science Purdue University
2018-2019	Health and Kinesiology Primary Committee Purdue University
2018-2019	Research Advisory Council Purdue University
2019	Chair, Associate Dean of Research Search Committee Purdue University
2019	Dean's Signature Areas Committee Purdue University
2019-2020	Co-chair, Steering Committee for HDFS External Review Purdue University
2020	Diversity & Inclusion Project Team College of Health and Human Sciences Purdue University
2023-pres	Chair, Head of School of Nursing Search Committee Purdue University
2024-pres	Advisory Board New Faculty Mom's Coaching Network Susan Bulkeley Butler Center for Leadership Excellence Purdue University

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

2007-2008	Providence, RI 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)
2015-2019	Advisory Board, Metta Students Foundation
2019-2022	Member, Healthy Living Committee 4-H Youth Development Education Marion County, Indiana

MEMBERSHIP IN SOCIETIES

1995-pres	Member, Behavior Genetics Association (Secretary 2013-2016; Inclusion, Diversity, Equity, and Access Committee 2018-2019; President-Elect 2022-2023; President 2023-2024; Past President 2024-2025)
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):

**** Grad student; * Postdoctoral fellow or trainee (current or former)**

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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: PMC3152444
 32. Gibb, B.E., Johnson, A.L., Benas, J.S., Uhrlass, 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. PMCID: 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., Beevers, 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., Uhrlass, 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. PMCID: 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. PMCID: 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. PMCID: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. PMCID:PMC3700411
52. Wells, T. T., Beevers, 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. PMCID: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. PMCID: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. PMCID: 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. PMCID: 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., Niura, 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., Worthly, 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., Cancilliere, 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. Blanco, N.J., Love, B.C., Cooper, J.A., McGeary, J.E., **Knopik, V.S.**, Maddox, T. (2015). A Frontal Dopamine System for Reflective Exploratory Behavior. Neurobiology of Learning and Memory, 123: 84-91.
 76. 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.
 77. 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.

78. 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.
79. **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.
80. **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.
81. **Knopik, V.S.** (2016). Behavioral Genetics: Psychological Perspectives. In James D. Wright (Ed) International Encyclopedia of the Behavioral and Social Sciences (2nd edition).
82. 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.
83. *Marceau, K., *Palmer, R.H.C., Neiderhiser, J.M., McGeary, J.E., *Smith, T.F., & **Knopik, V.S.** (2016). 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, 46(3): 365-377.
84. *Palmer, R.H.C., *Bidwell, L.C., Heath A.C., Brick, L. Madden, P.A.F., & **Knopik, V.S.** (2016). Maternal smoking during pregnancy and offspring externalizing problems: A propensity score approach. Behavior Genetics, 46(3): 403-415.
85. *Marceau, K., McMaster, M.T.B., *Smith, T.F., Daams, J.G., Beijsterveldt, C.E.M., Boomsma, D.I., **Knopik, V.S.** (2016). The prenatal environment in twin studies: A review on chorionicity. Behavior Genetics, 46(3): 286-303.
86. *Smith, T.F., Schmidt-Kastner, R., McGeary, J.E, Kaczorowski, J.A., & **Knopik, V.S.** (2016). Prenatal ischemia-hypoxia, the ischemia-hypoxia response pathway, and ADHD risk: A multi-omic perspective. Behavior Genetics, 46(3): 467-477.
87. *Bidwell, L.C, *Palmer, R.H.C., *Brick, L., Heath, A.C., Madden, P.A.F., **Knopik, V.S.** (2016). A propensity scoring approach to characterizing the effects of maternal smoking during pregnancy on offspring's initial responses to cigarettes and alcohol. Behavior Genetics, 46(3): 416-430.
88. Stuart, G.L., McGeary, J., Shorey, R.C., & **Knopik, V.S.** (2016). 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, 84(7): 592-598.
89. Ayorech, Z., Selzam, S., Smith-Wooley, E., **Knopik, V.S.**, Neiderhiser, J., DeFries, J.C., Plomin, R. (2016). Publication trends over 55 years of behavioral genetic research. Behavior Genetics, 46(5): 603-607.
90. *Bidwell, LC, *Palmer, R.H.C., *Brick, L., McGeary, JE, **Knopik, V.S.** (2016). Genome-wide SNP Heritability of Nicotine Dependence as a Multidimensional Phenotype. Psychological Medicine, 46(10): 2059-2069.
91. Kudinova, A.Y., Deak, T., Hueston, C.M., McGeary, J.E., **Knopik, V.S.**, *Palmer, R.H.C., Gibb, B.E (2016). Cross-Species Evidence for the Role of Interleukin-33 in Depression Risk. Journal of Abnormal Psychology, 125(4): 482-494.
92. Pearson, R., *Palmer, R.H.C., *Brick, L.A., McGeary, J.E., **Knopik, V.S.**, Beevers, C. (2016). Additive Genetic Contribution to Symptom Dimensions in Major Depressive Disorder. Journal of Abnormal Psychology, 125(4): 495-501.
93. *Palmer, R.H.C., *Nugent, N., *Brick, L., Bidwell, L.C., McGeary, JE, Keller, MC, **Knopik, VS** (2016). 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, 29(3): 197-204.
94. *Marceau, K., Neiderhiser, J.M., **Knopik, V.S.**, Lichtenstein, P., Spotts, E., Ganiban, J., Reiss, D. (2016). Adolescent Age Moderates Genetic and Environmental Influences on Parent-Adolescent Positivity and Negativity: Implications for Genotype-Environment Correlation. Development and Psychopathology, 28: 149-166.
 95. Owens, M., Johnson, A. , Burkhouse, K. McGeary, J., **Knopik, V.S.**, *Palmer, R.H.C., Gibb, B. (2016). Eye Tracking Indices of Attentional Bias in Children of Depressed Mothers: Polygenic Influences Help to Clarify Previous Mixed Findings. Development and Psychopathology, 28(2): 385-397.
 96. Maddox, W.T., Gorlick, M.A., Koslov, S., McGeary, J.E., **Knopik, V.S.**, Beevers, C.G. (2017). Serotonin transporter genetic variation is differentially associated with reflexive- and reflective-optimal learning. Cerebral Cortex, 27(2): 1182-1192.
 97. **Knopik, V.S.**, *Marceau, K., *Bidwell, L.C., *Palmer, R.H.C., *Smith, T.F., Todorov, A., Evans, A., Heath, A.C. (2016). Smoking during pregnancy and ADHD risk: A genetically informed and multiple rater approach. American Journal of Medical Genetics, Part B, Neuropsychiatric Genetics, Oct;171(7):971-81.
 98. Metrik, J., Aston, E., Kahler, C., Rohsenow, D., McGeary, J., **Knopik, V.S.**, MacKillop, J. (2016). Cue-Elicited Increases in Incentive Salience for Marijuana: Craving, Demand, and Attentional Bias. Drug and Alcohol Dependence, Oct 1;167:82-8.
 99. *Palmer, R.H.C., Beevers, C., McGeary, J.E., *Brick, LA, **Knopik, V.S.** (2017). 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, 5(1):158-165.
 100. Barker, D.H., *Nugent, N., Delgado, J., **Knopik, V.**, Lally, M., & McGeary, J. (2017). A genetic marker of risk in HIV-infected Individuals with a history of hazardous drinking. AIDS Care, 29(9): 1186-1191.
 101. Waldron, M., Bucholz, K.K., Lian, M., Lessov-Schlagger, C., Lynskey, M., **Knopik, V.S.**, Madden, P.A.F., Heath, A.C. (2017). Single Motherhood, Alcohol Dependence, and Smoking during Pregnancy: Implementation of an Imbens-Rubin Propensity Score Analysis. Journal of Studies on Alcohol and Drugs, 78(5): 745-753.
 102. *Bidwell, L.C., *Marceau, K., *Brick, L.A., Karoly, H.C., Todorov, A., Palmer, R.H., Heath, A.C., **Knopik, V.S.** (2017). Prenatal exposure effects on early adolescent substance use: A genetically-informed Bayesian approach. Addictive Behaviors, 78(5): 789-794.
 103. Huang, H., Zhu, Y., Eliot, M.N., **Knopik, V.S.**, McGeary, J.E., Carskadon, M.A., Hart, A.C. (2017). Combining human epigenetics and sleep studies in *C. elegans*: A cross-species approach for finding conserved genes regulating sleep. Sleep, 40 (6).
 104. Spirito, A., Hernandez, L., *Marceau, K., Cancelliere, M.K., Graves, H.R., Rodriguez, A.M., **Knopik, V.S.** (2017). Effects of a brief parent-focused intervention for substance-using adolescents and their siblings. Journal of Substance Abuse Treatment, 77: 156-165.
 105. *Bidwell, LC, Balestriari, S., Colby, S, Knopik, V.S., Tidey, J. (2018). Abstinence-Induced Withdrawal Severity among Adolescent Smokers With and Without ADHD: Disentangling Effects of Nicotine and Smoking Reinstatement. Psychopharmacology, 235(1): 169-178.
 106. Feurer C, McGeary JE, **Knopik VS**, *Brick LA, Palmer RH, Gibb BE. (2017). HPA axis multilocus genetic profile score moderates the impact of interpersonal stress on prospective increases in depressive symptoms for offspring of depressed mothers.

- J Abnorm Psychol, 126(8):1017-1028.
107. *Micalizzi, L., **Knopik, V.S** (2018). Maternal smoking during pregnancy and offspring executive function: What do we know and what are the next steps? Development and Psychopathology, 30(4):1333-1354.
 108. *Marceau, K., *Bidwell, L.C., Karoly, H.C., Evans, A., Todorov, A., *Palmer, R.H.C., Heath, A.C., **Knopik, V.S.** (2018). Within family effects of smoking during pregnancy on ADHD: the importance of phenotype. Journal of Abnormal Child Psychology, 46(4):685-699.
 109. *Micalizzi, L., *Marceau, K., *Brick, L.A., *Palmer, R.H.C., Todorov, A.A., Heath, A.C., Evans, A., **Knopik, V.S.** (2018). Inhibitory control in siblings discordant for maternal smoking during pregnancy. Developmental Psychology, 54(2):199-208.
 110. *Brick, L.A., Keller, M.C., **Knopik, V.S.**, McGeary, J.E., *Palmer, R.H.C. (2019). Shared additive genetic variation for alcohol dependence amongst subjects of African and European ancestry. Addiction Biology, 24(1): 132-144. *Impact Factor: 4.223*
 111. **Knopik, V.S.**, *Marceau, K., *Bidwell, L.C., and **Rolan, E. (2019). Prenatal substance exposure and offspring development: Does DNA methylation play a role? Neurotoxicology and Teratology, 71, 50-63. *Impact Factor: 2.902*
 112. *Brick, L.A., Marraccini, M.A., *Micalizzi, L., Benca-Bachman, C.E., **Knopik, V.S.**, *Palmer, R.H.C. (2019). Overlapping genetic contribution between suicidal ideation and neurocognitive functioning. Journal of Affective Disorders, 249:104-111. *Impact Factor: 4.084*
 113. *Palmer, R.H., *Brick, L.A., Chou, Y-L, Agrawal, A., McGeary, J.E., Heath, A.C., Beirut, L., Keller, M., Johnson, E., Hartz, S., Shuckit, M., **Knopik, V.S.** (2019). The Etiology of DSM-5 Alcohol Use Disorder: Evidence of Shared and Non-Shared Additive Genetic Effects. Drug and Alcohol Dependence, 201:147-154. *Impact Factor: 3.466*
 114. *Brick, L.A., *Micalizzi, L., **Knopik, V.S.**, *Palmer, R.H. (2019). Characterization of the genetic architecture of DSM-IV opioid dependence among individuals of European Ancestry. Journal of Studies on Alcohol and Drugs, 80(3): 319-330. *Impact Factor: 2.584*
 115. Buck, J.M., Sanders, K.N., Wageman, C.R., **Knopik, V.S.**, Stitzel, J.A., O'Neill, H.C. (2019). Developmental nicotine exposure precipitates multigenerational maternal transmission of nicotine preference and ADHD-like behavioral, rhythmometric, neuropharmacological, and epigenetic anomalies in adolescent mice. Neuropharmacology, 149:66-82. *Impact Factor: 4.367*
 116. *Palmer, R.H., McGeary, J.E., **Knopik, V.S.**, *Bidwell, L.C., Metrik, J.M. (2019). CNR1 and FAAH Variation and Affective States Induced by Marijuana Smoking. American Journal of Drug and Alcohol Abuse, 45(5): 514-526. *Impact Factor: 2.767*
 117. Purpura, D. J., Litkowski, E. C., **Knopik, V.S.** (in press). Mathematics and reading develop together in young children: Practical and policy considerations. Policy Insights from the Brain and Behavioral Sciences.
 118. *Ekblad, M., *Rolan, E., *Marceau, K., Todorov, A., *Palmer, R.H. Heath, A.C., **Knopik, V.S.** (2020). Disruptive behavior in siblings discordant for exposure to maternal smoking during pregnancy: A multi-rater approach. Nicotine and Tobacco Research, 22(8): 1330-1338. *Impact Factor: 3.786*
 119. Kaczorowski JA, *Smith TF, Shrewsbury, A. M., Thomas, L. R., **Knopik, V. S.**, & Acosta, M. T. (2020). Neurofibromatosis Type 1 Implicates Ras Pathways in the Genetic Architecture of Neurodevelopmental Disorders. Behavior Genetics, 50(4), 191–202.

120. *Marceau, K., *Brick, L. A., **Knopik, V. S.**, & Reijneveld, S. A. (2020). Developmental Pathways from Genetic, Prenatal, Parenting and Emotional/Behavioral Risk to Cortisol Reactivity and Adolescent Substance Use: A TRAILS Study. Journal of youth and adolescence, 49(1), 17–31. *Impact Factor: 3.259*
121. *Horvath, G., **Knopik, V.S.**, *Marceau, K. (2020). Polygenic Influences on Pubertal Timing & Tempo and Depressive Symptoms in Boys and Girls. Journal of Research on Adolescence, 30(1): 78-94. *Impact Factor: 2.071*
122. *Ekblad, MO, *Marceau, K., Rolan, E., *Palmer, RHC., Todorov, A., Heath, AC, **Knopik, V.S.** (2020). The effect of smoking during pregnancy on severity and directionality of externalizing and internalizing symptoms: A genetically-informed approach. International Journal of Environmental Research and Public Health, 17(21): 7921. *Impact Factor: 3.39*
123. *Micalizzi, L., *Brick, L.A., Marraccini, M.A., Benca-Bachman, C.E., *Palmer, R.H.C., **Knopik, V.S.**, (2021). Differential patterns of genetic overlap between inattention and four neurocognitive factors in youth. Development and Psychopathology, 33(1) 76-86. *Impact Factor: 4.357*
124. *Micalizzi L, *Marceau K, Evans AS, *Brick LA, *Palmer RHC, Heath AC, **Knopik VS.** (2021). A sibling-comparison study of smoking during pregnancy and risk for reading-related problems. Neurotoxicol Teratol., 84, 106961. PMID: 33577969. *Impact Factor: 2.902*
125. Palmer, R., Benca-Bachman, C. E., Huggett, S. B., Bubier, J. A., McGeary, J. E., Ramgiri, N., Srijevantham, J., Yang, J., Visscher, P. M., Yang, J., **Knopik, V. S.**, & Chesler, E. J. (2021). Multi-omic and multi-species meta-analyses of nicotine consumption. Translational psychiatry, 11(1), 98. *Impact Factor: 5.182*
126. Risner, V.A, Benca-Bachman, C.E., Bertin. L., Smith. A.K., Kaprio, J., McGeary, J.E., **Knopik, V.S.**, *Palmer, RHC. (2021). Multi-polygenic analysis of nicotine dependence in individuals of European ancestry. Nicotine and Tobacco Research, 23(12):2102-2109. *Impact Factor: 3.786*
127. *Marceau, K., **Horvath, G., **Loviska, A., & **Knopik, V.S.** (2021). Developmental cascades from polygenic and prenatal substance use to adolescent substance use: Leveraging severity and directionality of externalizing and internalizing problems to understand pubertal and harsh discipline-related risk. Behavior Genetics, 51(5):559-579. PMID: 34241754.
128. Buck, J., **Yu, L. Stitzel, J., **Knopik, V.S.** (2021). DNA methylome perturbations: An epigenetic basis for an emergingly heritable link between maternal smoking and neurodevelopmental abnormalities. Biology of Reproduction, 105(3), 644-666. PMID: 34270696.
129. *Marceau, K., *Brick, L., Pasman, J., **Knopik, V.S.**, & Reijneveld, S.A. (2022). Interactions between genetic, prenatal, cortisol, and parenting influences on the development of adolescent substance use: A TRAILS study. European Addiction Research, 28(3):176-185.
130. Mishra, A. A., Marceau, K., Christ, S. L., Schwab-Reese, L. M., Taylor, Z. E., & **Knopik, V.S.** (2022). Childhood maltreatment and substance use trajectory from adolescence to young adulthood: A GxE study. Child Abuse & Neglect, 126:105508.
131. **Ikeda, A.S., **Knopik, V.S.**, *Bidwell, L.C., Parade, S.H., Goodman, S.H., Emory, E.K., *Palmer, R.H.C. (2022). A Review of Associations between Externalizing Behaviors and Prenatal Cannabis Exposure: Limitations & Future Directions. Toxics 10, 17. <https://doi.org/10.3390/toxics10010017>
132. Feurer, C., McGeary, J.E., Brick, L.A., **Knopik, V.S.**, Carper, M., *Palmer, R.H., & Gibb, B.E. (2022). Associations between depression-relevant genetic risk and youth

- stress exposure: Evidence of gene-environment correlations. Journal of Psychopathology and Clinical Science, 131(5):457-466.
133. *Marceau, K., **Loviska, A.M., Horvath, G., & **Knopik, V.S.** (2024). Interactions between genetic, prenatal substance use, puberty, and parenting are less important for understanding adolescents' internalizing, externalizing, and substance use than developmental cascades in multifactorial models. Behavior Genetics, 54(2): 181-195.
 134. **Knopik, V.S.**, *Micalizzi, L., *Marceau, K., **Loviska, A., **Yu, L., Bien, A., Rolan, E., Evans, A.S., *Palmer, R.H.C., and Heath, A.C. (2022). The roles of familial transmission and smoking during pregnancy on executive function skills: A sibling-comparison study. Development and Psychopathology, 34: 1803-1815.
 135. *Marceau, K., **Yu, L., **Knopik, V.S.**, Ganiban, J.M., & Neiderhiser, J.M. (2022). Intergenerational transmission of psychopathology: An examination of symptom severity and directionality. Development and Psychopathology, 34: 1767-1780.
 136. **Robertson, O. C., *Marceau, K., Moding, K. J., **Knopik, V. S.** (2022). Developmental pathways linking obesity risk and early puberty: The thrifty phenotype and fetal overnutrition hypotheses. Developmental Review, 66, 101048.
 137. *Nugent, N.R., Arney, M., Boker, S., *Brick, L., **Knopik, V.S.**, McGeary, J.E., Spirito, A., Mehl, M.R. (2022). Adolescents hospitalized or suicidality: Biomarkers, social, and affective predictors: A cohort study. BMJ Open, 12(10):e056063.
 138. **Nonkovic, N., *Marceau, K., McGeary, J. E., Ramos, A., *Palmer, R.H.C., Heath, A.C., **Knopik, V.S.** (2024). Maternal smoking during pregnancy association with DNA methylation: A sibling comparison design. Developmental Psychology, 60(9):1639-1654.
 139. **Lee S., **Robertson, O. C., *Marceau, K., **Knopik, V. S.**, Natsuaki, N. M., Shaw, D. S., Reiss, D., Leve, L. D., Ganiban, J. M., Neiderhiser J. M. (in press). Early Risk for Child Externalizing Symptoms: Examining Genetic, Prenatal, Temperamental, and Parental Influences. Infant and Child Development.
 140. ^Weiser, D. A., ^**Knopik, V. S.**, Horn, S. S., Kirkorian, H. L., Lefkowitz, E. S., Lohman, B. J., Russell, S. T., Stein, G. L., Swanson, D. P., & Wittenborn, A. K. (2025). Unifying human development and family science: Navigating identity challenges in higher education. Journal of Family Theory & Review, 1–14.
<https://doi.org/10.1111/jftr.12607> ^co-first authors
 141. **Li, Y., *Marceau, K., **Knopik, V.S.**, Baker, L. (in press) Peer victimization in childhood and timing of substance initiation: Evidence from a twin study. Behavior Genetics
 - 142.

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. Arcoloni 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 (6th edition). New York: Worth Publishers.
4. **Knopik, V.S.**, Neiderhiser, J.M., DeFries, J.C., Plomin, R. (2017). Behavioral Genetics (7th edition). New York: Worth Publishers.
5. **Knopik, V.S.**, Loviska, A., Speicher, M. (in press). Behavioral Aspects of Chromosomal Variants. In C. Morton, S.E. Antonarakis, and M. Speicher (Eds) Vogel and Motulsky's Human Genetics (5th Edition). Springer Nature Publishers.

MANUSCRIPTS SUBMITTED FOR REVIEW OR IN REVISION

**** Grad student; * Postdoctoral fellow or trainee (current or former)**

1. **Rolan, E., Whiteman, S., Schmitt, S., **Knopik, V.S.**, *Marceau, K. (under review). Transitions from disruptive behavior to substance use and the role of executive function and sibling relationships.
2. **Nonkovic, N., Rolan, E. P., **Knopik, V.S.**, McGeary, J. E., *Marceau, K. (revise & resubmit). Gross Placental Morphology and DNA Methylation.
3. **Loviska, A.M., *Marceau, K., **Knopik, V.S.**, Rogers, M.L., Jackson, K. (under review). Longitudinal associations between other-sex friends and alcohol use is a between-, not within-, person process.
4. **Ikeda A, Biglaiser A, Yuan Q, Benca-Bachman,C, **Knopik VS**, *Palmer RH. (revise and resubmit) Contextualized Effects of Maternal Cannabis During Pregnancy on Childhood Alcohol Sipping in the Adolescent Brain Cognitive Development Study. PsyArXiv. August 8, 2024. <https://doi.org/10.31234/osf.io/qb5zv>
5. **Yu, L., *Marceau, K., **Knopik, V. S.**, Natsuaki, M., Shaw, D. S., Leve, L. D., Ganiban, J. M., & Neiderhiser, J. M. (revise and resubmit). A moderated mediation model to predict adolescent resistance to peer influence: Evidence from an adoption study.
6. **Ikeda A, Nutor, C, Benca-Bachman,C, Syed, R.A., **Knopik VS**, *Palmer RH, & Brennan, P.A. (under review). Prenatal cannabis exposure, genetic predispositions, and autism spectrum disorder traits in the Adolescent Brain Cognitive Development Study. PsyArXiv. January 14, 2025. <https://doi.org/10.31234/osf.io/wpng5>

MANUSCRIPTS IN PREPARATION

**** Grad student; * Postdoctoral fellow or trainee (current or former)**

1. **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.
2. **Ikeda A, Lee HM, Karthikeyan M, Aleman C, Liu L, **Knopik VS**, Palmer RH. Impact of Prenatal Cannabis Exposure on Development, Executive Function, and Behavioral Disinhibition in the Adolescent Brain Cognitive Development Study.
3. **Lee, S., *Marceau, K., **Knopik, V.S.**, Foti, D., Natsuaki, M., Shaw, D.S., Leve, L.D., Ganiban, J.M., Neiderhiser, J.M. Diurnal cortisol and negative affectivity as predictors of child depressive symptoms: A genetically-informed study.

4. **Hu, J., Lee, S., **Knopik, V.S.**, *Marceau, K. Parent-adolescent interaction and links with adolescent behavioral and emotional development on a meso timescale: A systematic review.

CONFERENCE ABSTRACTS/PRESENTATIONS/SYMPOSIA

**** Grad student; * Postdoctoral fellow or trainee (current or former)**

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 (CNRI) 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, 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 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 28th 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 28th 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 28th 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). *CNR1 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 14th 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 assesement 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.
102. Marceau, K., Palmer, R., McGeary, J., Knopik, V.S. (2017, April). *Polygenic and prenatal maternal smoke exposure risk for adolescent substance use*. Society for Research on Child Development, Austin, TX
103. Knopik, V.S., Marceau, K., Evans, A., Palmer, R., Heath, A.C. (2017, April). *Smoking during pregnancy and child reading and language performance: A genetically-informed approach*. Society for Research on Child Development, Austin, TX
104. Gibb, B., Owen, M., Knopik, V.S., McGeary, J. *HPA Polygenic Reactivity Score Moderates the Impact of Maternal Depression on Prospective Changes in Children's Attentional Biases*. Society for Research on Child Development, Austin, TX
105. Micalizzi, L., Marceau, K., Brick, L. A., Palmer, R. H. C., Todorov, A. A., Heath, A. C., Evans, A. & **Knopik, V. S.** *A sibling comparison study of maternal smoking during pregnancy and child cognitive functioning*. Behavioral Genetics Association Meeting, Oslo, Norway (June, 2017).
106. *Marceau, K., *Brick, L., **Knopik, V.S.**, & Reijneveld, M. *Genetic, prenatal, postnatal, and endocrine influences on adolescent smoking*. In Marceau, K. (Chair), *Smoking*. Symposium conducted at the annual meeting of the Behavior Genetics Association, Oslo, Norway. (2017, June)
107. *Brick LA, *Micalizzi L, Marraccini ME, *Palmer RHC, **Knopik VS.** *Evidence for genetic correlation of DSM-IV opioid dependence and childhood trauma based on additive genome-wide effects*. Behavioral Genetics Association Meeting, Oslo, Norway (June, 2017).
108. *Palmer, RHC, *Brick, LA, Agrawal, A, Keller, M, Heath, AC, McGeary, JE, Beirut, L. *Multivariate genetic architecture of DSM-V alcohol use disorder*. Behavioral Genetics Association Meeting, Oslo, Norway (June, 2017).
109. **Horvath, G., **Knopik, V.** & *Marceau, K. (2017). *Timing & tempo of pubertal development: A polygenic approach*. Symposium on Puberty Development Metrics at the Society for Research on Adolescence, Minneapolis, Minnesota, March 2018.
110. *Brick, L.A., Marraccini, M.A., *Micalizzi, L., Benca-Bachman, C.E., **Knopik, V.S.**, *Palmer, R.H.C. *Genetic contributions to suicidal ideation and neurocognitive functioning*. Behavioral Genetics Association Meeting, Boston, USA (June, 2018).
111. *Micalizzi, L.; *Brick, LA; Marraccini, ME; Benca-Bachman, C.E.; *Palmer, RHC; **Knopik, VS.** *Differential patterns of genetic overlap between inattention and four neurocognitive factors*. Behavioral Genetics Association Meeting, Boston, USA (June, 2018).

112. *Micalizzi, L; *Brick, LA; **Knopik, VS.** *Predictors of Smoking Cessation during Pregnancy.* College of Problems on Drug Dependence Meeting (June 2018).
113. *Palmer, R.H.C., Yang, J., Bubier, J., Srijevanth, J., Benca-Bachman, C.E., McGeary, J.E., **Knopik, V.S.**, Chesler, E. *Integrative prioritization of genomic loci for alcohol use disorders.* Behavioral Genetics Association Meeting, Boston, USA (June, 2018).
114. *Ekblad, M., **Rolan, E., *Marceau, K., *Palmer, R., Todorov, A., Heath, A.C., **Knopik, V.S.** (2019). *Disruptive behavior in siblings discordant for maternal smoking during pregnancy – the MO-MATCH study.* Society for Research on Nicotine and Tobacco, San Francisco, USA (February 2019).
115. **Knopik, V.S.** *Stress Management and Mindfulness.* Society for Research in Child Development meeting, Baltimore, MD, USA (March 2019).
116. **Horvath, G., *Marceau, K., **Knopik, V.S.**, Shaw, D., Reiss, D., Natsuaki, M., Ganiban, J., Leve, L., Neiderhiser, J. *Home chaos and genetic risk in predicting childhood externalizing behaviors: A parent-child adoption study.* Behavioral Genetics Association Meeting, Stockholm, Sweden (June, 2019).
117. **Knopik, V.S.**, Buck, J., O'Neill, H., Sanders, K., Wageman, C., Stitzel, J., *Marceau, K., McGeary, J., *Palmer, R., Evans, A., Todorov, A., Heath, A.C. *Developmental nicotine exposure, epigenetics, and ADHD: Translational effects in adolescent mice and human models.* Behavioral Genetics Association Meeting, Stockholm, Sweden (June, 2019).
118. **Rolan, E., *Marceau, K., *Micalizzi, L., **Knopik, V.S.** *Contextual influences of prenatal environments on executive function risk for adolescent substance use and externalizing behavior.* Behavioral Genetics Association Meeting, Stockholm, Sweden (June, 2019).
119. *Marceau, K., Robertson, O., Horvath, G., **Knopik, V.S.** *Polygene-by-prenatal adversity interactions predict pubertal timing in boys.* Behavioral Genetics Association Meeting, Stockholm, Sweden (June, 2019).
120. **Yu, L., **Knopik, V. S.**, *Marceau, K., & Baker, L. (2021, June). *Genetic and environmental contributions to physical, verbal, and relational bullying victimization in middle childhood.* Poster presented at the 51st Behavior Genetics Annual Meeting, online.
121. **Robertson, O. C., *Marceau, K., Moding, K. J., **Knopik, V. S.** (2022, March 3-5). *Prenatal Pathways to Puberty: Testing the Thrifty Phenotype and Fetal Overnutrition Hypotheses.* [Poster presentation]. 2022 Biennial Meeting for the Society for Research on Adolescence, New Orleans, LA
122. *Micalizzi, L., *Rolan, E., *Marceau, K., **Knopik, V.S.** (2022, March 15-18). *A sibling comparison study of prenatal smoke exposure and child executive function.* Poster presented at 2022 Annual Meeting for the Society for Research on Nicotine and Tobacco.
123. **Nonkovic, N., Rolan, E. P., **Knopik, V.S.**, *Marceau, K. (2021, November 15th). [Poster Presentation]. *Placental Morphology and DNA Methylation.* Health and Human Studies Fall Research Day, West Lafayette, Indiana, USA.
124. **Nonkovic, N., *Marceau, K., McGeary, J. E., *Palmer, R.H.C., Heath, A.C., **Knopik, V.S.**, (2022, June 23rd). [Oral Presentation]. *Maternal smoking during pregnancy exposure and DNA methylation: A sibling comparison study.* Behavioral Genetics Association, Los Angeles, California, USA.
125. **Ikeda A, Biglaiser A, Yuan Q, Benca-Bachman C, **Knopik VS**, *Palmer RH. Contextualized effects of maternal cannabis during pregnancy on postnatal birth

- outcomes and childhood alcohol sipping in the ABCD project. Poster presentation. Research Society on Alcoholism. Orlando, FL, June 2022.
126. **Yu, L., Regacho, P. A., *Marceau, K., **Knopik, V. S.**, Natsuaki, M., Shaw, D. S., Reiss, D., Leve, L. D., Ganiban, J. M., & Neiderhiser, J. M. (2022, June). The role of heritable and environmental influences on adolescent anxiety and well-being over the course of the COVID-19 pandemic: An adoption study. [Oral Presentation]. 52nd Behavior Genetics Association (BGA) Annual Meeting, Los Angeles, CA, United States.
 127. *Marceau, K., **Yu, L., **Knopik, V. S.**, Ganiban, J. M., & Neiderhiser, J. M. (2022, June). Intergenerational Transmission of Psychopathology: An examination of symptom severity and directionality. [Oral Presentation]. 52nd Behavior Genetics Association (BGA) Annual Meeting, Los Angeles, CA, United States.
 128. **Loviska, A. M., *Marceau, K., **Knopik, V. S.**, Rogers, M. L., Jackson, K. M., (2022, June). *Longitudinal association between other-sex friends and alcohol use is a between-, not within-, person process*. [Poster presentation]. Research Society on Alcoholism, Orlando, Florida.
 129. **Knopik, V. S.**, *Micalizzi, L., *Marceau, K., **Loviska, A. M., **Yu, L., Bien, A., Rolan, E., Evans, A. S., *Palmer, R. H. C., & Heath, A. C. (2022, June). The roles of familial transmission and smoking during pregnancy on executive function skills: A sibling-comparison study. [Oral Presentation]. 52nd Behavior Genetics Association (BGA) Annual Meeting, Los Angeles, CA, United States.
 130. **Yu, L., **Knopik, V.S.**, *Marceau, K., Baker, L. (2023, March). Association of Peer Victimization in Childhood and Substance Initiation Time: Evidence from a Twin Study. [Oral Presentation]. Society for Research on Child Development (SRCD) BiAnnual Meeting, Salt Lake City, UT, United States.
 131. **Loviska, A., *Marceau, K., **Knopik, V.S.**, Rogers, M., Jackson, K. (2023, March). Links between pubertal timing and tempo and the timing and tempo of other-sex friendships. [Oral Presentation]. Society for Research on Child Development (SRCD) BiAnnual Meeting, Salt Lake City, UT, United States.
 132. **Nonkovic, N., *Marceau, K., **Knopik, V.S.** (2023, March). Maternal Smoking During Pregnancy Effects on Respiratory Conditions in Childhood: A sibling-comparison study. [Poster Presentation]. Society for Research on Child Development (SRCD) BiAnnual Meeting, Salt Lake City, UT, United States.
 133. **Lee, S., Robertson, O., *Marceau, K., **Knopik, V.S.**, Natsuaki, M., Shaw, D., Reiss, D., Leve, L., Ganiban, J., Neiderhiser, J. (2023, March). The Transactional Process Involved in the Development of Child Externalizing Symptoms. [Poster Presentation]. Society for Research on Child Development (SRCD) BiAnnual Meeting, Salt Lake City, UT, United States.
 - a. Nominated for Student and Early Career Council (SECC) poster award.
 134. **Lee S., *Marceau, K., **Robertson, O. C., **Knopik, V. S.**, Natsuaki, N. M., Shaw, D. S., Reiss, D., Leve, L. D., Ganiban, J. M., Neiderhiser, J. M. (2023, June) Identifying Trajectories to the Co-development of Child Diurnal Cortisol Variability and Negative Affect. [Oral Presentation] Behavioral Genetics Association, Murcia, Spain
 135. **Nonkovic, N., *Marceau, K., Ramos, A., McGeary, J. E., *Palmer, R.H.C., Heath, A.C., **Knopik, V.S.**,(2023, June 23rd). [Flash Talk]. *Effects of maternal smoking during pregnancy and postnatal environmental exposures on adolescent's DNA methylation: A sibling comparison design*. Behavioral Genetics Association, Murcia, Spain.
 136. **Yu, L., *Marceau, K., **Knopik, V. S.**, French, D. C., Natsuaki, M., Shaw, D. S., Reiss, D., Leve, L. D., Ganiban, J. M., & Neiderhiser, J. M. (2023, June). A moderated mediation model to predict adolescent resistance to peer influence: Evidence

- from an adoption study. [Paper Presentation]. 53rd Behavior Genetics Association (BGA) Annual Meeting, Murcia, Spain.
137. **Loviska, A.M., *Marceau, K., *Palmer, R.H.C., Bachman, C., Ali Syed, R., McGeary, J.E., Heath, A.C., **Knopik, V.S.** (2023, June). *Effects of smoking during pregnancy on child behavior and social environment: A sibling-comparison design*. [Virtual presentation] Behavior Genetics Association annual conference, Murcia, Spain.
 138. **Lee, S., *Marceau, K., **Knopik, V.S.**, Datta, M., **Robertson, O.C., Shaw, D.S., Natsuaki, M.N., Leve, L.D., Ganiban, J.M., & Neiderhiser, J.M. (2024, April). *Parental psychopathology p-factor score and its relation to adolescent internalizing and externalizing symptoms*. [Oral Presentation] Society for Research in Adolescence, Chicago, USA
 139. **Nonkovic, N., *Marceau, K., McGeary, J. E., *Palmer, R.H.C., Heath, A.C., **Knopik, V.S.** (2024, April 20th). [Poster Presentation]. *Maternal smoking during pregnancy, DNA methylation and offspring hyperactive/impulsive behaviors: A sibling comparison design*. Society for Research on Adolescence, Chicago, Illinois, USA.
 140. **Lee, S., *Marceau, K., **Knopik, V.**, Natsuaki, M.N., Shaw, D.S., Leve, L.D., Ganiban, J.M., & Neiderhiser, J.M. (2024, June). Diurnal cortisol functioning and negative affectivity as predictors of child depressive symptoms; a genetically informed adoption design. Behavioral Genetics Association, London, England
 141. **Yu, L., *Marceau, K., **Knopik, V. S.**, Natsuaki, M., Shaw, D. S., Leve, L. D., Ganiban, J. M., & Neiderhiser, J. M. (2024, June). Behavioral inhibition and parental supervision: Testing transactional pathways across early childhood and influence of gene-environment correlation. Poster presentation accepted by the 54th Behavior Genetics Association (BGA) Annual Meeting, London, England.
 142. **Loviska, A.M., *Marceau, K., *Palmer, R.H.C., Bachman, C., Ali Syed, R., McGeary, J.E., Heath, A.C., **Knopik, V.S.** (2024, June). Offspring polygenic risk and externalizing behaviors: Examining the mediating role of maternal smoking during pregnancy in a sibling comparison design [Flash Talk] Behavior Genetics Association annual conference, London, England.
 143. **Nonkovic, N., *Marceau, K., Beam, C., Ramos, A., McGeary, J. E., *Palmer, R. H. C., Heath, A. C., **Knopik, V. S.** (2024, June). [Flash Talk]. *Epigenetic Aging in Siblings Differentially Exposed to Prenatal Maternal Smoking*. Behavioral Genetics Association, London, England.
 144. **Ikeda A, Benca-Bachman C, *Brick L, Syed R, Aleman C, Liu L, Karthikeyan M, Lee HM, **Knopik V.S.**, *Palmer RH. *A propensity score approach to examining the effects of prenatal substance exposure on development*. Presented as part of Symposium at the Behavior Genetics Association. London, UK.
 145. Benca-Bachman C, **Ikeda A, Brick L, Syed R, **Knopik VS**, *Palmer RH. (June 2024). *Genomic SEM factors of substance use related psychopathology, internalizing, and externalizing predict substance use behaviors in ABCD adolescents*. Presented as part of Lightning Symposium at the Behavior Genetics Association. London, UK.
 146. **Ikeda A, Nutor C, Benca-Bachman C, Syed R, **Knopik VS**, *Palmer RH, Brennan P. (October 2024). *Prenatal cannabis exposure, genetic predispositions, and autism spectrum disorder- related outcomes*. Accepted for a poster presentation at the International Society for Developmental Psychobiology. Chicago, IL.
 147. **Hu, J., **Nonkovic, N., *Marceau K., *Ekblad, M.O., *Palmer, R.H.C., Heath, A.C., **Knopik, V.S.** (2025, June) *The Interplay of Prenatal and Postnatal Factors on Children's Internalizing and Externalizing Problem Behaviors: A Genetically Informed*

- Design*. [Poster presentation]. Annual Meeting of the Behavior Genetics Association, Atlanta, GA. United States.
148. **Nonkovic, N.**, Marceau, K., Ekblad, M.O., Beam, C., McGeary, J. E., Palmer, R.H.C., Heath, A.C., Knopik, V.S., (2025, June). [Poster Presentation]. Maternal smoking during pregnancy and epigenetic age potential associations with externalizing symptoms in siblings. Annual Meeting of the Behavioral Genetics Association, Atlanta, Georgia, U.S.

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 14th 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
 22. Invited speaker
Institute for Behavioral Genetics, Golden Jubilee
Boulder, CO

- August 24, 2017
23. Invited speaker
Purdue President's Council Meeting
Naples, Florida
February 18, 2018
 24. Invited speaker
Purdue Extension Annual Update
West Lafayette, Indiana
April 4, 2018
 25. Invited speaker
Indiana Youth Institute
Tipton, Indiana
February 4, 2019
 26. Invited speaker
Purdue Extension Educator Training Workshop
Lebanon, Indiana
August 27, 2019
 27. Invited Speaker
Dean's Leadership Council
Purdue University College of Health and Human Sciences
Spring 2022
 28. Epigenetics, Health, and Wellbeing
McDill Airforce Base
Special Operations Forces Speaker Series
February 2024

GRANTS (Active) – consultant roles not listed

1. Co-Investigator
Title: STEM Ed PRF: The PURPOSE Postdoctoral Training Initiative
National Science Foundation (PI: Purpura)
Start Date: 11/01/22; End Date: 10/31/25
2. Co-Investigator
Title: Sleep, breathing, hemodynamic oscillations, and cerebrospinal fluid movements – Building toward a novel treatment approach for Alzheimer's disease
R21 NIH/NIA (PI: Tong/Schwichtenberg)
Start Date: 09/01/23; End Date: 08/30/25
3. Co-Investigator (PI of Purdue subcontract)
Title: Integrative Prioritization of Alcohol and Drug-Addiction Related Genetic Loci
R01 NIAAA/NIDA (PI: Palmer)
Start Date: 04/01/18; End Date: 03/31/23, currently in No-Cost Extension
4. Co-investigator (PI of Purdue subcontract)
Title: The Kinship Risk Score: An Integrative Tool to Prioritize Alcohol and Drug-Addiction Related Genes for Enhanced Risk Prediction
NIH/NIDA DP1DA042103 (Palmer)
Start Date: 09/15/2017; End Date: 07/31/2022, currently in No-Cost Extension

5. Co-Investigator (PI of Purdue subcontract)
 Title: Longitudinal examination of DNA methylation in maltreated children.
 R01 HD095837-01 (PI: Parade)
 Start Date: 09/01/18; End Date: 08/30/23, currently in No-Cost Extension

GRANTS (Active, Mentoring role)

1. Mentor
 Title: Prenatal tobacco exposure: Self-regulatory pathways to externalizing behaviors
 NIDA, K01 DA048135-01A1 (PI: Micalizzi)
 Start Date: 7/1/2020; End Date: 6/30/2025
 Total Costs: \$1,105,243
2. Mentor
 Title: Prenatal Cannabis: Effects on Developmental Milestones, Disinhibition, and Substance Initiation
 NIMH, 1R36MH136701-01 (PI: Ikeda)
 Start Date: 4/1/2024; End Date: 3/31/2026

GRANTS (Completed)

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

Completed As Co-Investigator (Co-I):

- 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: 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
- 7 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
- 8 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
- 9 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
- 10 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
- 11 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
- 12 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
- 13 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
- 14 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
- 15 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
- 16 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
- 17 Co-Investigator
 Title: Contribution of genome-wide variation to cognitive vulnerability to depression
 R56 MH108650-01A1
 Start Date: 09/16/2016 – 08/31/2017
 Total costs (2016): \$766,672
- 18 Co-investigator/PI of RIH subcontract
 Title: Multi-Method Assessment of Emotion Reactivity: Translational Research in Suicide
 R01 MH095786-01A1 (PIs: Armey/Miller)
 Start Date: 07/17/2012; End Date: 02/28/2018
 Total Costs: \$2,323,141
- 19 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: 01/31/2018
 Total Costs: \$2,658,793
20. 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

21. Co-investigator
 Title: The temporal association between alcohol and dating violence: Moderators in young adult couples
 R21 AA024524-01A1 (Shorey)
 Start Date: 08/01/2016 – 07/31/2018, NCE through 07/31/2019
 Total costs (2016): \$388,545
22. 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

Completed As Mentor:

1. 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
2. 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
3. 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
4. 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
5. 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
6. 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

7. Mentor

Title: The role of substance use trajectory on the association between childhood maltreatment and intimate partner violence: A gene-environment study
 NIDA, R36 DA047563-01A1 (PI: Mishra)
 Start Date: 07/1/2019; End Date: 08/31/2020

8. 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

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
2006-2017	Instructor, Behavioral Genetics minicourse I-IV Center for Alcohol and Addiction Studies Brown University
2009-2017	Training faculty, Research Training Program in Child Mental Health T32 Training Grant (NIMH) Brown University
2011-2017	Child Psychiatry and Triple Board genetics minicourse Brown University
2012-2017	Training faculty Research Training Program in Cardiovascular Behavioral Medicine T32 Training Grant (NHLBI) Brown University
2015-2017	Adult Psychiatry special topics course in Genetics Brown University
2017-2020	HDFS 313: Introduction to Adolescent Development Purdue University Fall 2017, Spring 2018, Fall 2019, Spring 2020

2018-pres	HDFS 685: Introduction to Behavioral Genetics Purdue University Spring 2018, Spring 2020, Fall 2022
2018- pres	HDFS 305: Biosocial Foundations of the Family Purdue University Fall 2019, Fall 2020, Fall 2021

MENTORING OF UNDERGRADUATE STUDENTS IN RESEARCH

Since Fall 2017, Dr. Knopik has engaged and mentored undergraduate students in HDFS and other majors (e.g., Health and Kinesiology). These experiences, some over multiple semesters, have included online survey development and implementation for a pilot study, literature reviews, and data mining resulting in conference presentations (e.g., Behavioral Genetics Association 2019) and a publication currently being considered by the Journal of Purdue Undergraduate Research.

MENTORING OF GRADUATE STUDENTS IN RESEARCH

Current Graduate Advisees (Chair/Co-Chair)

Ami Ikeda, PSYC, Emory Univ	PhD Expected 2025
Nikolina Nonkovic, HDFS	PhD Expected 2025
Amy Loviska, HDFS	PhD Expected 2026
Li (Hazel) Yu, HDFS	PhD Expected 2026
Sohee Lee, HDFS	PhD Expected 2026
Jennifer Hu, HDFS	PhD Expected 2028

PhD Committee (Member) Job placement information in italics

Olivia Robertson, HDFS	PhD Awarded 2023, <i>Postdoctoral Fellow, Indiana Univ School of Public Health</i>
Emily Abel, HDFS	PhD Awarded 2022, <i>Assistant Professor, Oklahoma State University</i>
Emily Rolan, HDFS	PhD Awarded 2020, <i>Post-doctoral fellow at Michigan State University</i>

Postdoctoral Fellows, Job placement information in italics

2006-2008	Lance Swenson, <i>Professor, Suffolk University</i>
2010-2011	Chris Flessner, <i>Full Professor, Kent State University</i>
2010-2012	Rohan Palmer, <i>Associate Professor, Emory University</i>
2010-2012	L. Cinnamon Bidwell, <i>Associate Professor, University of Colorado, Boulder</i>
2012-2014	Taylor Smith, <i>Associate Professor, California Polytechnic State University</i>
2013-2014	Lisa Ranzenhofer, <i>Assistant Professor, Columbia University Medical Center</i>
2013-2016	Kristine Marceau, <i>Associate Professor, Purdue University</i>
2015-2017	Leslie Brick, <i>Assistant Professor, Brown University</i>
2016-2019	Lauren Micalizzi, <i>Assistant Professor, Brown University</i>
2018-2020	Mikael Ekblad, <i>Specialist in General Practice, University of Turku (Finland)</i>